General Land Office • Original Field Notes

Book Number

150

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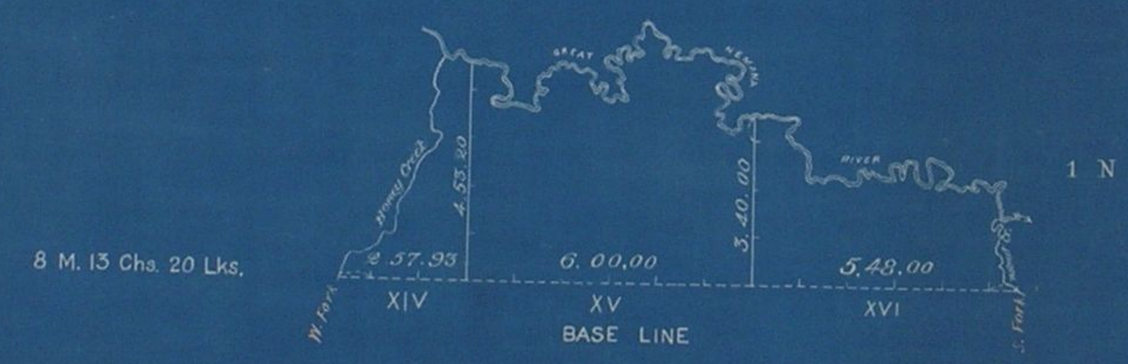
The original surveys in Nebraska began in the mid 1850's and were completed in the mid 1880's. The Nebraska office of the Surveyor General was closed June 30, 1886.

Rec'd and filed this 10th day of April

No. 472

TOWNSHIP LINES
IN
NEBRASKA

As Surveyed by Thos Osborn
under his Contract of June 13th 1865



8 M. 13 Chs. 20 Lks.

Map 128
Tube 426 } INDIAN OFFICE.

This is a tracing copy of John S. Leonard's Signature procured from the recorder in Washington D.C. March 1908

Robert Harvey
Stat. Surveyor

John S Leonard

(original)

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Original Notes

A

Boundaries and Area of the Reserve Lands of the Missouri Band of Sac and Foxes.

Beginning at the mouth of the South Fork of the Great Nemiha, and thence up the Southwest Bank of the Great Nemiha with its meanders to the mouth of the West Fork, thence up the West Fork with its meanders to the line of the 40° of parallel on the West Bank of the Creek or Fork where is established the S.W. corner of the Sac and Fox Reserve by erecting a Stone Monument from which the following references bears, viz. A large Cottonwood tree 3 feet in diameter, bears S. 44° E 1.05 chains, a rock bears N. 30° W. 50 links, another rock bears N. 50° W. 50 links, another rock bears due-north 1 chain, thence East along the line of the 40° of parallel to the West Bank of the South Fork of the Great Nemiha river, distance fourteen miles twenty-seven chains, and sixty links, where is established the S. E. Corner of the Sac and Fox Reserve by erecting a Stone pile with a Black Walnut post, 6 inches square in the centre, from which the following references bears, viz. a white elm two feet in diameter bears S. 33° E. 22 links, and marked with the

letters S.E.C. for the Southeast corner, another elm 18 inches in diameter bears S. 39° E. 1.05 chains, and marked S.E.C. B.S.E. for the Southeast corner bearing and distance, and another Blackwalnut 9 inches in diameter bears S. 15° E. 85 links, and thence down the South fork with its meanders to the point of beginning, Containing 32.098 acres 3 roods and 35 perches.

John S. Leonard,
Deputy Surveyor

St. Joseph, Mo.
June the 2nd 1855.

Description and area
of the Reserve Lands of the
Missouri Band of Sac and Foxes

B.

(original)

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Field Notes
Of the
Survey of the Sac and Foxes of Missouri
Reserved Lands

Jany. the 24th 1855

Surveyed by Me in 1854

Jno. S. Leonard
Dep. Surveyor & C. Engr.

Field Notes
of the
Survey of the Sacs & Foxes of Missouri Reserved Lands

Commenced at the mouth of the South Fork of the Great Nemiha River and then proceeded up on the South Bank of the Great Nemiha following its Meanders

Magnetic Variation 11°. 45' East

Length of Chain 4 Poles

Station	Courses	Dist 4 P. chain	Remarks
1	N. 5° E	28.00	
	N 11° W	6.58	Stationed marked on Black Walnut 12 Ins Diamtr
	S. North	33.85	do " on a tree 12 Inches Diameter on the bank of river
	S 37° 00 W	20.73	
	S. 86°. West	28.45	Prairie and Brushy bottom apparently very Rich Soil; River
	N 45°. 30 W	21.50	Heavily Timbered
	S. 71°. 25 W	28.00	Station marked on Oak 14 Inches diameter on the top of hill
	S. 83° 00 W	3.50	
	N 77° 30 W	11.14	To the bank of the Middle Fork or Camp Creek

Station	Courses	Dista	Remarks
	S 53°. 00' W	5.75	This △ lies 14 links to the North of a bottom wood tree 2 feet in diameter
	S 84°. 00' W	17.92	On the East bank of the Middle Fork or Camp Creek. The
	N 22°. 00' W	7.84	Creek Bears S 27° East, Bed of Creek Limestone and falls 3
	N 22°. 30' W	11.50	feet 9 inches the falls are 10 chains from the mouth
	S 89°. 00' W	77.35	or Junction with the Great Nemiha River, (and is
	S 75°. 00' W	13.06	heavily Timbered) Land excellent for Cultivation
	S 64°. 00' W	9.90	To the Falls of the Great Nemiha River, falls 3 ft high,
	N 85°. 00' W	8.09	Crossed a 250 links a ravine Entering the Falls
	S 39°. 00' W	3.24	
	S 62°. 30' W	6.53	
	N 71°. 30' W	3.20	Crossed a Ravine at 200 links
	S 75°. 00' W	11.20	do " " do " @ 400 "
	N 72°. 00' W	64.78	Crossed a stream at 4 chains and Empties at 10 chains into the Great Nemiha
	S 70°. 30' W	4.00	Crossed another stream at 32 chains, Bottom very Bushy
	N 57° 30' W	11.60	Crossed a Ravine @ 700 and another at 10 chains
	N North	18.30	Bottom Large and heavily Timbered chiefly Black Walnut, Red Elm & oak
	N 28°. 30' W	10.50	
	N 87°. 30' W	2.34	
	N 23°. 00' W	12.45	
	S 87°. 00' W	16.23	
	N 7°. 00' W	13.94	
	N 22°. 00' W	16.00	
	S 70°. 00' W	7.40	
	N 5°. 00' W	10.23	
	S 71°. 00' W	6.84	
	N 57°. 00' W	25.00	

Station	Course	Distance	Remarks
	S73°. 00' W	5.10	
	S73°. 10' W	28.79	Bottom heavily Timbered
	S3°. 45' W	7.50	Station Marked on Cotton Wood Tree 2 feet 8 Inches Diameter
	S30°. 45' W	4.34	Crossed a Creek at its Mouth 28 links wide Bears S 37° E the bottom By the river and along the creek is heavily Timbered
	S46°. 30' W	5.00	
	S67°. 00' W	2.78	
	S76°. 30' W	2.79	
	N45°. 30' W	2.10	
	N81°. 30' W	7.90	Station Marked on Cotton Wood tree 3 feet in Diameter
	S87°. 00' W	7.38	Undulating prairie with high Bluffs to the West - a splendid fertile
	N45°. 00' W	26.18	valley between the Bluffs and River
	N13°. 00' E	30.50	Crossed a Ravine @ 22.26 ch.
	N58°. 30' E	13.30	
	N81°. 30' W	7.40	Station Marked on a Cotton Wood tree 18 Inches Diamtr
	N80°. 00' W	7.00	
	N48°. 45' W	3.55	
	S76°. 30' W	3.51	
	N38°. 00' W	19.25	
	N62°. 30' E	34.78	At a distance of 22 ch. On the line a house owned by a Mr Walker and preempted by him lies between the line & river in an Angle
	N12°. 30' E	13.00	
	N80° 00' W	5.08	
	S72°. 00' W	11.60	
	N39°. 00' W	8.40	Bottom Heavily Timbered
	N23. 00' W	10.55	
	S87°. 30' W	8.00	Station Marked on Cotton Wood Tree 3 feet in Diameter and stands On the Bank of River

N 25°. 00' W	5.20	This bottom heavily Timbered
N 45°. 00' W	13.45	
N 55°. 30' W	9.86	Station Marked on a Black Walnut 3 feet in Diameter
S 80°. 30' W	3.70	
S 10°. 00' W	9.11	
S 25°. 30' W	12.08	
S 85°. 30' W	9.54	
S 85°. 00' W	30.15	
N 32. 00' W	8.61	
N 20°. 00' E	13.82	Station Marked on Oak 18 Inches Diameter
N 80°. 30' W	8.13	Same remark as above
N 36°. 30' W	11.13	
N 61°. 00' E	7.98	
N 16°. 45' E	5.86	All this bottom heavily Timbered with Black
N 53°. 00' W	6.40	Walnut, Red Elm and Oak
N 56. 30' W	4.09	Station marked On Oak 2 feet in Diameter and 30 links from Line
N 22°. 30' W	11.05	
N 52°. 00' W	6.49	
N 70°. 30' W	4.00	Station Marked on a Black Walnut 9 In 4
S 30°. 00' W	2.75	
S 15°. 30' E	7.40	Station on Oak 2 feet Diameter
S 46°. 00' W	13.75	This line passes through the Water
S 61°. 00' W	3.75	
S 32°. 00' W	5.32	Station on B. Walnut 3 ft in Diameter opposite the North
S 51°. 30' E	4.80	Fork, the creek at its mouth is 70 links wide
S 67°. 30 E	3.50	and Bears from Station N 33° West
S 46°. 00' E	14.79	

Bearings	Chains	Remarks
S 32°, 30' W	6,45	
S 59°, 00' W	9,80	
N 38°, 40' W	10,00	
S 16°, 30' W	5,17	
S 55°, 00' W	4,50	
S. 73°, 00' W	21.65	
N 34°, 00' W	4,05	
N 7°, 00' E	11.47	
N 58°, 00' E	2.62	
S 82°, 00' E	10,40	Station Marked On a Forked Elm 1 foot Dia
N 73°, 00' E	2,35	
N 42°, 00' E	3,23	all this bottom heavily Timbered
N 3°, 00' W	5,51	
N 67°, 00' W	4.14	Station on Cotton wood 2 ft Diameter, a House bears S 42°. W
N 84°, 30' W	6.40	do. on B walnut 5 feet in Diameter the above house bears S 10° E
S 81°, 30' W	5.30	The House remarked in the two last 5 Owned by Mr. Roberts bears S 51°.30 E
S 63°, 30' W	8,00	
S 81°, 30' W	5 00	
S 45°, 30' E	3,05	Station On Cotton wood with 4 forks on the Angle of river
S 4°, 00' E	8,00	
S 43°, 00' W	10,00	
S 45°, 30 W	8,75	
N 78°, 30' W	10,14	This line passes through the water
N 48°, 45' W	6,52	Heavily Timbered
S 54°, 30 West	13,30	

S 53°. 00' E	3.65	Station On Cotton Wood 3 ft. Diameter
S 79°. 00' E	3,00	
S 81°. 00' E	8,28	
N 84°. 00' E	16,86	This line passes in the Centre of road to the end of it
S 64°. 30' W	8,90	
S 12°. 00' E	5,45	Station marked on Cotton Wood tree 3 ft Diameter
S 39°. 00' W	4.00	
S 77°. 00' W	11.00	Heavily Timbered
S 18°. 00 E	4,00	"
S 27°. 30' W	6,00	"
S 40°. 30 W	4,00	"
S. 42°. 30 W	2,92	
S 18°. 00' E	2.58	Station Marked On Large Cotton wood overhanging the river
S 23°. 00' E	5,08	
S 31°. 30' E	4.74	
S 40°. 00' E	4,37	
S 49°. 00' E	7.65	
S 65°. 30' E	8,90	
S. 21° 30 W	9.67	This line passes on the Edge of river high Stony Bluffs
N 56°. 00 W	6.48	to the East of line
N 17°. 00' W	2.25	
N 83°. 00' W	2.42	
N 50°. 00 W	11,25	Crossed the Mouth of a deep fork or water Cut at 200
N 82°. 30 W	5,32	Heads S. W. and is very heavily Timbered
S 63°. 00 W	5.19	

S 40°, 00' W	7.65	
S 70°, 00' W	4.80	Crossed at this point a Dark heads E.S.E. heavily Timbered and is 80 links wide
N 65°, 00' W	3.10	a Small Island to the left of line
N 51°, 30' W	2.90	Crossed the mouth of a deep water cut
N 18°, 00' W	7.60	This line to within 50 links of the end passes in the water
N 17° 00' E	5.55	
N 54°, 00' E	4.20	
N 53°, 00' E	2.15	
N 41°, 30' E	2.50	Singletons House on the North side of River opposite △
N 11°, 30' E	2.70	
N 65, 00' W	2.66	
Due West	2.34	△ Marked on B. Walnut 18 Inches diameter
S 52°, 00' W	4.06	
S 5°, 00' W	6.28	
S 45°, 00' W	3.32	
S 87°, 00' W	6.89	△ On a Large Oak 3 ft 6 Inch diameter
N 48°, 00' W	8.69	
N 32°, 30' W	4.86	
N 41°, 00 E	6.00	
N 40°, 00' E	8.04	
N 23°, 00' E	6.35	
N 10°, 30' E	2.91	
N 41°, 31' West	3.18	
N 37°, 30' W	1.63	
N 61°, 50' W	2.79	

N 77°. 30' W	3.55	
S 83°, 00' W	3.00	
Due West	7.89	
S 57°. 40' W	12.05	Praina
N 61°. 30' W	3.77	
N 20°, 30' W	9.32	Bottom very Bushy
N 40°, 00' W	3.40	
N 45, 00' W	4.00	
N 57°, 00' W	5.50	
S 65°, 30' W	4.80	
S 82°, 30' W	8.54	To the Mound Erected by Isaac McCoy as the N. W
N 69°, 00' W	5.81	Corner of the Lowary Lands in open
N 31°. 30 W	13.59	Praina " " "
S 41°, 30 W	2.33	
S 20°, 00' W	9.00	This line for about half its length is on the edge of water
S 35°, 00' W	6.19	
S 65°, 30' W	11.73	Heavily Timbered and Excellent Praina
S 52° 00' W	8.56	
S 14°. 30' E	6.22	Same Remarks as above
S 2°, 30' E	5.80	
S 50°, 00 W	3.00	At this angle Some heavy Timber between
N 79°, 00' W	9.88	the River and Bluffs & Extends 9 chains Broad
N 73°. 30 W	6.32	A splendid Valley of the best Timber here
S 84°. 00 W	3.20	and is over 20 chains Broad
S 13°. 00' E	2.17	

S 17°, 00' E	5.72	
S 58°, 30' E	5.85	A Large quantity of timber to the N of River
N 52°, 30 E	5.00	
N 71°, 00 E	6.22	
S 51°, 00 E	4.40	Station Marked on Cotton Wood 2 feet in diameter
S 12°, 30' W	8.05	do. on Red Oak 3 feet in diameter
S 55°, 00' W	9.60	
S 45°, 00' W	2.80	
S 39°, 00' W	5.50	
N 49°, 00' W	6.82	
S 81°, 30' W	3.34	The Bottom along this place, heavily timbered
S. South	3.20	do. " do,
S. 5°, 30' E	7.00	a small Island here
S 29°, 30' W	4.92	Crossed a Marsh at 20
N 61°, 30' W	4.75	Crossed a deep Water Cut at 300 some timber on it
S 83, 30' W	4.11	
S. 87°, 30 W	3.66	Bottom new Brush
N 85°, 00' W	2.51	
N 64° 00' W	2.36	Station on Red Oak 2 feet in diameter
N 84°, 00' W	5.85	
N 75°, 00' W	4.83	
N 72°, 30' W	4.31	Station on bottom area 18 inches diameter River bank
N 69°, 30' W	4.55	heavily timbered, area between the river & Elm
N 60°, 30' W	5.25	Crossed a deep Water Cut. Some timber on it
N 65°. 00 W	13.60	Steep Bluffs to the South of river

Station	Bearings	Distance	Remarks
	N2°. 00'W	4.00	Crossed a stream at its mouth distance 1 chain in the line Heads South West, some timber on it
	N35°. 30' E	3.00	Crossed a stream 18 links wide, some timber on it
	N65°. 00' E	6.45	
	S42°. 00' E	4.95	
	N82°. 00' E	5.38	Heavily timbered
	N44° 00' E	6.40	Station on Large bottom wood 2 ft in diameter
	N30°. 00' E	4.48	
	N75°. 00' W	2.45	
	N63°. 00' W	9.00	
	N18°. 00' W	16.60	
	N46°. 00' W	5.20	
	N11°. 00' W	4.00	
	N65°. 00' E	19.00	Heavily timbered
	Due North	6.00	
	N11°. 00' E	15.00	
	N27°. 00' W	5.00	
	N52°. 00' E	5.75	
	Due North	13.00	
	N68°. 00' E	18.00	
	N45°. 00' E	10.00	Low Prairie Bottom Heavily
	E. North	5.00	timbered by the river, apparently
			the best soil
	N45°. 00' E	16.00	
	N22. 10' W	11.00	

Station.	Bearing.	Distance.	Remarks
	N32°. 30' East	21.00	By the River bank well Timbered
	N28°. 00' W	30.00	Splendid Prairie Bottom
	N5°. 00 E	14.00	
	N61°. 30' W	22.00	
	N29°. 00' W	13.00	
	S85°. 00' W	24.00	
	N57°. 15' W	15.00	
	S78°. 00' W	25.00	
	S50°. 00' W	11.00	
	N21°. 00' W	9.00	To the mouth of the West fork and then proceeded up the West Fork of the Great Nomaha River with its Meanders to the Line of the 40°. of Parallel
	S41°. 00' W	25.00	Heavily Timbered along the Creek, Prairie rich and good for cultivation
	S16°. 00' West	40.00	
	S30°. 00' W	16.40	
	S14°. 00' E	21.40	
	S46°. 00' W	15.00	
	N80°. 00' W	16.00	
	S.8°. 00' W	20.00	
	S47°. 00' E	22.00	
	S11°. 00' W	25.00	
	S49°. 00' W	10.00	
	S48°. 00' E	13.00	
	S18°. 00' W	22.00	

Station	Bearings	Distance	Remarks
		chains	
	S 70°, 00' W	14.80	
	S. 10°, 00' W	17.10	
	S 44°, 00' E	38.00	Croped the creek at 6 chains and @ 9 chs
	S 46° 00' W	12,40	
	N 53°, 00' W	6.00	
	S 15°, 00' E	38,00	
	S 39°, 00' W	13 00	
	S 50°, 00' E	8 00	
	S 33. 00' W	42,00	Croped the creek @ 7 ch @ 16 ch @ 23 ch and at 36 chains, Creek Heavily Timbered with Black Walnut Red Elm and oak
	S 5°, 00' W	12,00	
	N 87°, 30' W	9.00	
	S 25°, 00' W	32.00	Croped the Creek @ 5 ch @ 15 ch, and at 30 chains
	S 40°, 00' W	17.00	
	S 9°, 00' W	16 00	
	N 42° 30' W	14.00	
	S 27°, 30' W	28,00	Heavily Timbered
	N 76°, 30' W	10,00	
	S 44°, 15' W	13,00	
	S 39° 00' E	10.00	Croped the creek at 5 chains
	S 79°. 00' W	30.00	do. do. @ 16 Chains
	S 45°, 15' W	18.00	
	S 52°, 00' W	17 00	Croped the creek twice in this line

Station	Bearings	Distance	Remarks
	S32°.30'W	22.00	To the Corner of the Sac & Fox river — On the west bank of Creek on the line of the 40°. of Parallel where is Established the S. W. Corner of the Missouria Band of Sac and fox reserve Lands by erecting a stone Monument from which the following reference Bears viz. A large Cotton Wood tree 3 ft in diameter Bears South 44°. E 1.50 Chains — A Rock Bears N30°. W 50 Links another Rock Bears N50° West 50 Links and another Rock Bears Due North 1 Chain (N.B. the Cotton wood tree is marked with the bearings and distances)
			And then proceeded East along the line of the 40°. of Parallel to the South fork of the Great Nemiha River a distance of Fourteen Mile Twenty seven Chains and Sixty links — On the west

Remarks Brought forward

West Bank of which is established the S. East Corner of the Sac and Foxes of Missouri Reserve Land —
By Erecting a stone pile with a Black Walnut post in the Center of it from which a White Elm 2 feet in diameter Bears S 33°. E 22 Links and marked with the letters S. E. Cor for the South East Corner
And another Elm 18 inches in diameter S 39°. E 1.05 chs and Marked S. E. Cor B. S. E for the South East Corner
Bearings and distance and another Black Walnut tree 9 inches in diameter Bears S 15°. E 55 Links and thence down the South Fork of the Great Nemaha River with its Meanders to the point of Beginning —
Continued

Meanders of the South fork from the South East Corner as described on page the 14th to its mouth or point of Beginning is as follows

N 20°, 00' W	4.00	Creek Heavily Timbered
N 19°, 30' E	16.70	
N 55°, 00' W	17.45	
N 35°, 00' E	14.00	
N 29°, 00' W	3.25	
N 3°, 00' E	4.75	
N 20°, 00' W	12.00	
N 34°, 00' E	16.50	
N 59° 00' W	3.00	
N 37°, 00' W	5.00	
N 2°, 00' E	3.50	
N 40°, 00' W	9.00	
N 39° 00' E	7.00	
N 35°, 00' W	10.00	From this Angle the stream is 150 links
N 69°, 00' W	2.50	
S 22° 00' W	8.00	
S 25°, 00' W	5.00	at 200 links a stream heads S.S East
N 39°, 00' W	7.50	
N 14°, 00' E	7.00	
N 35° 00' E	6.00	Splendid Bottom Land
N 74°, 30' E	4.50	Fertile and good for Cultivation

Brought forward

		Remarks
N89°. 00' E	3.00	
N75°. 30' E	3,50	To the point of Beginning or the Mouth of the South fork at its junction with the Great Nemi ha River

Saint Joseph
Buchanan County Mo.
Jany the 24th 1855.

D. Vanderslice Esqr
Indian Agent
Sir:

Herewith are respectfully submitted Field notes and Plat of the Sac and Foxes (of Missouri) Reserve Lands, as also a description of the Boundaries and area of the same

I have the honor to be Sir
with Great respect
Your Obedient Servant
Jno. S. Leonard
Dep^y Surveyor & C. Engr.

Boundaries and area of the Sac and Foxes of Mixpouris Reserve Lands

Beginning at the Mouth of the South Fork of the Great Nemiha river and thence up the South west Bank of the Great Nemiha with its Meanders to the mouth of the West Fork, thence up the West Fork with its Meanders to the line of the 40° of Parallel on the West Bank of Creek (or Fork) where is established the South West Corner of the Sac and Fox Reserve by Erecting a stone Monument from which the following references Bears Viz. A Large Cotton Wood tree 3 ft in diameter Bears S 44°. 00' E 1.05 chains. a Rock Bears N 30°. 00' W. 50 links another Rock Bears N 50°. 00' West 50 Links and another Rock Bears due North 1 Chain, Thence East along the line of the 40° of Parallel to the West Bank of the South Fork of the Great Nemiha River, distance Fourteen Miles Twenty seven chains and Sixty links, Where is Established the South East Corner of the Sac and Fox Reserve by Erecting a stone pile with a Black walnut post in the Centre of it from which a white Elm two feet in diameter Bears S 33°. 00' E 22 links and marked with the letters S. E. Cor. for the South East Corner and another Elm 18 Inches in diameter Bears S 39°. 00'. E 1.05 chains and marked S. E. C. R. S. E. for the South East Corner Bearing and distance, and another Black Walnut 9 Inches in diameter Bears S 15°. 00' E 85 Links and thence down the South fork with its Meanders to the point of Beginning.

Containing 32098 Acres 3 Roods 35 perches

Saint Joseph Mo.
Jan.y the 24th. 1855

Jno. S. Leonard
Dep.y Surveyor & C. Engr.

Field Notes of
Sac & Fox reserve
Surveyed in 1854
Filed May 3. 1833
Boundaries of
The Sac & Fox
Reserve
By John H. Lemont
In Plat 6.

(Copy)

Field-Notes
of the Survey of the Sacs and Foxes of Missouri Reserved Lands.

Commenced at the mouth of the South Fork of the Great Nemahaw River, and then proceeded up on the South bank of the Great Nemahaw, following its Meanders.

Magnetic Variation
11° 45 East.
Length of Chain 4 Poles.

Stations.	Courses.	Dist. in Chains	Remarks.
1	N. 5° E.	28.00	
	N. 11° W.	6.58	Station marked on Black Walnut 12 ins. Diameter.
	D. North	33.85	do. do. on a Tree 12 inches diameter on bank of river.
	S. 37 00 W.	20.73	
	S. 86 West.	28.45	Prairie and bushy bottom apparently very rich and
	N. 45 30 W.	21.50	River heavily timbered.
	S. 71° 25 W.	28.00	Station marked on Oak 14 inches diameter on the top of hill.
	S. 83 00 W.	3.50	
	N. 77 30 W.	11.14	To the bank of the Middle Fork or Camp Creek.
	S. 53 00 W.	5.75	This △ lies 14 links to the North of a Cottonwood Tree 2 ft. in diameter.
	S. 84 00 W.	17.92	On the East bank of the middle Fork or Camp Creek. The Creek bears
	N. 22 00 W.	7.84	S. 27° East Bed of Creek limestone and falls 3 feet 9 inches, the falls
	N. 22 30 W.	11 50	are 10 chains from the mouth or junction with the Great
	S. 89 00 W.	7.35	Nemahaw River and is heavily timbered. Land excellent for cultivation
	S. 75 00 W.	13.06	
	S. 64 00 W.	9.90	To the falls of the Great Nemihaw River falls 3 ft. high.
	N. 85 00 W.	8.09	Crossed at 250 links a Ravine entering the falls
	S. 39 00 W.	3.24	
	S. 62 30 W.	6.53	
	N. 71 30 W.	3.20	Crossed a Ravine at 200 links
	S. 75 00 W.	11.20	do do at 400 ,
	N. 72 00 W.	64.78	Crossed a Stream at 4 chains and empties at 11 chains into the East Nemaha
	S. 70 30 W.	4.00	Crossed another Stream at 52 chains Bottom very bushy,
	N. 57 30 W.	11.60	Crossed a Ravine at 700 and another at 10 chains.
	D. North	18.30	Bottom large and heavily timbered Chiefly black Walnut with Elm & Oak.
	N. 28 30 W.	10.50	
	N. 87 30 W.	2.34	
	N. 23 00 W.	12.45	
	S. 87 00 W.	16.23	
	N. 7 00 W.	13.94	
	N. 22 00 W.	16.00	
	S. 70 00 W.	7.40	
	N. 5 00 W.	10.23	
	S. 71 00 W.	6.84	
	N. 57 00 W.	25.00	
	S. 73 00 W.	5.10	
	S. 73 10 W.	28.79	Bottom heavily timbered.
	S. 3 45 W.	7.50	Station marked on Cottonwood tree 2 ft. 8 inches, diameter. Crossed a Creek at
	S. 30 45 W.	4.34	its mouth 28 link wide & bears S. 73 E. the bottom by the River & along the Creek is
	S. 46 30 W.	5.00	heavily timbered.
	S. 67 00 W.	2.78	

Stations	Course	Dist.	Remarks.
	S.76 30 W.	2 79	
	N.43 30 W.	2.10	
	N.81 30 W.	7 90	Station marked on Cottonwood tree 3 ft. in dia. undulating prairie
	S.87 00 W.	7 38	with high bluffs to the West a Splendid Fertile Valley between the bluffs & River.
	N.45 00 W.	26.18	
	N.13 00 E	30 50	Crossed a Ravine at 22.26 ch.
	N.58 30 E.	13 20	
	N.81 30 W.	7 40	Station marked on a Cottonwood tree 3 in dia.
	N.80 00 W.	7 00	
	N.45 45 W.	3.55	
	S.76 30 W.	3.51	
	N.38 00 W.	19 25	
	N.62 30 E	34 78	At a distance of 22 chs. on the line a house owned by a Mr. Walker and preempted by him lies between the line and River in an angle.
	N.12 30 E	13 00	
	N.30 00 W.	5.08.	
	S.72 00 W.	11 60	
	N.39 00 W.	8 40	Bottom heavily timbered.
	N.23 00 W.	10 55	
	S.87 30 W.	8.00	Station marked on Cottonwood tree 3 feet in diameter and stands on the
	N.25 00 W.	5 20	bank of River. This bottom heavily timbered.
	N.45 00 W.	13 45	
	N.55 30 W.	9 86	Station marked on a Black walnut 3 feet in diameter.
	S.80 30 W.	3 70	
	S.10 00 W.	9 11	
	S.23 30 W.	12.08	
	S.85 30 W.	9 54	

S.85 00 W.	30 15	
N.32 00 W.	8 61	
N.20 00 E.	13.82	Station marked on oak 18 inches diameter.
N.80 30 W.	8 13	Same remark as above.
N.36 30 W.	11 13	
N.6 00 E.	7 98	
N.16 45 E	5 86	All this bottom heavily timbered with
N.33 00 W.	6.40	Black Walnut Red-Elm and Oak.
N.56 30 W.	4 09	Station marked on oak 2 feet in diameter & 50 links from River.
N.22 30 W.	11 05	
N.52 00 W.	6.49	
N.70 30 W.	4 00	Station marked on a Black Walnut 9 in. D.
S.30 00 W.	2 75	
S.15 30 E	7 40	Station on oak 2 ft. diameter.
S.46 00 W.	13 75	This line passes thro the water.
S.6 00 W.	3. 75	
S.32 00 W.	5 32	Station on B. Walnut 3 ft. in diameter opposite
S.51 30 E.	4 80	the Salt fork. The Creek at its mouth is
S.67 30 E.	3 50	70 links wide and bears from Station
		N. 33 west.
S.46 00 E.	14 79	
S.32.30 W.	6.45	
S.59 00 W.	9.80	
N.38 40 W.	10.00	
S.16 30 W.	5 17	
S.55 00 W.	4 50	
S.73 00 W.	21 65	
N.34 00 W.	4 05	

Station	Bearing	Dist.	Remarks.
	N.70° E.	11 47	
	N.58° E.	2 62	
	S.82° E	10 40	Station marked on a forked Elm 1 foot dia.
	N.73° E	2 35	All this bottom heavily timbered.
	N.42° E	3 23	
	N.3° W.	5 51	
	N.67° W.	4 14	Station on Cottonwood 2 ft. diameter a house bears S.42° W.
	N.84 30 W.	6.40	do on B. Walnut 5 feet in diameter the above house bears S.10 E.
	S.81 30 W.	5 30	The house remarked on the two last △ owned by Mr. Roberts bears S.51° 30 E.
	S.63 30 W.	8 00	
	S.81 30 W.	5.00	S.45 30 E. 3 05 Station on Cottonwood with 4 forks on the angle of river S.40° E. 8.00
	S.43° W.	10 00	
	S.45 30 W.	8 75	
	N.78 30 W.	10 14	This line passes through the water. Heavily timbered.
	N.48 45 W.	6 52	
	S.54 30 W.	13 30	
	S.53° E.	3 65	Station on Cottonwood 3 ft. diameter.
	S.79° E	3 00	
	S.81° E	8 28	
	N.84° E	16 86	This line passes in the centre of road to the end of it.
	S.64 30 W.	8 90	
	S.12° E.	5 45	Station marked on Cottonwood tree 3 ft. diameter
	S.39° W.	4 00	
	S.77° W.	11 00	Heavily timbered.
	S.15° E.	4 00	"
	S.27 30 W.	6 00	"
	S.40 30 W.	4 00	"
	S.42 30 W.	2 92	
	S.18 00 E.	2 58	Station marked on large Cottonwood overhanging the river.
	S.23° E	5 08	
	S.31 30 E	4 74	
	S.40° E	4 37	

Station	Bearing	Dist.	Remarks.
	S.49° E.	7 65	
	S.65 30 E.	8 90	
	S.21 30 W.	9 67	This line passes on the edge of river high strong bluffs to the East of them
	N.56° W	6 48	
	N.17° W	2 25	
	N.83° W.	2 42	
	N.50° W.	11 25	Crossed the mouth of a deep fork or water cut at 200, heads S.W. and is very heavily timbered.
	N.82 30 W.	5 32	
	S.63° W.	5 19	
	S.40° W.	7 65	
	S.70° W.	4 80	Crossed at this point a Fork heads E S E and is 80 links wide – heavily timbered –
	N.65° W.	3 00	A small Slough to the left of line.
	N.51 30 W.	2 90	Crossed the mouth of a deep water cut.
	N.18° W.	7 60	This line to within 50 links of the end passes in the water.
	N.17° W.	5 55	
	N.54° E	4 20	
	N.53° E	2 15	
	N.41 30 E	2 50	Singleton's house on the North side river opposite △
	N.11 30 E	2 70	
	N.65° W.	2 66	
	Due West.	2 34	△ marked on B. Walnut 18 inches diameter
	S.52° W.	4 06	
	S.5° W.	6 28	
	S.45° W	3. 32	
	S.87° W	6 89	△ On a large oak 3 ft. 6 in. diameter
	N.48° W	8 69	
	N.32 30 W.	4 86	
	N.41° E.	6.00	
	N.40° E	8 04	
	N.23° E	6 35	
	N.10 30 E	2 91	
	N.41 30 W.	3 18	
	N.37 30 W.	1 63	
	N.61 50 W.	2 79	
	N.77 30 W	3 55	

Station	Bearing	Dist.	Remarks.
	S 83 00 W.	3 00	
	Due West	7 89	Prairie
	S 57 40 W.	12 05	
	N 61 30 W.	3 77	
	N 20 30 W.	9 32	Bottom very bruchy.
	N. 40 00 W.	3 40	
	N. 48 00 W.	4 00	
	N 57 00 W.	5 50	
	S 65 30 W.	4 80	
	S 82 30 W.	8 54	To the mound erected by Isaac McCoy as the N.W. Corner of the Iowa Lands in open prairie.
	N 69 00 W.	5 81	
	N 31 30 W.	13 59	
	S. 41 30 W.	2 33	
	S 20 00 W.	9.00	This line for about half its length is on the edge of water.
	S 35 00 W.	6 19	
	S 65 30 W.	11 73	Heavily timbered & excellent prairie.
	S 52 00 W.	8 56	
	S 14 30 E	6 22	Same remark as above.
	S 2 30 E.	5 80	
	S 50 00 W.	3 00	At this angle some heavy timber between the river and Bluff and extends 9 Chains broad.
	N 79 00 W.	9 88	
	N 73 30 W.	6 32	A Splendid Valley of the best timber here and is over 20 chains broad.
	S 13 00 E.	2 17	
	S 17 00 E.	5 72	
	S 38 30 E	5 85	A large quantity of timber to the N of river.
	N 54 30 E	5 00	
	N 71 00 E.	6 22	
	S 51 00 E.	4 40	Station marked on Cottonwood 2 ft. in diameter.
	S 12 30 W.	8 03	do. on Bur oak 3 feet in diameter.
	S 53 00 W.	9 60	
	S 45 00 W.	2 80	
	S 39 00 W.	5 50	

Station	Bearing	Dist.	Remarks.
	N 49 00 W.	6 82	
	S 81 30 W.	3 34	The Bottom along this place heavily timbered
	D. South	3 40	do do do do
	S 5 30 E.	7 00	A small Island here.
	S 29 30 W.	4 93	Crossed a Ravine at 200.
	N 61 30 W.	4 75	Crossed a deep water cut at 300 Some timber on it.
	S 83 30 W.	4 11	
	S 87 30 W.	3 66	Bottom very bruchy.
	N 85 00 W.	2 51	
	N 64 00 W.	2 36	Station on Burr Oak 2 ft. in diameter.
	N 84 00 W.	5 86	
	N 73 00 W.	4 83	
	N 72 30 W.	4 31	Station on Cottonwood 18 inches diameter River bank heavily timbered & between the River & "Bluff"
	N 69 30 W.	4 55	
	N 60 30 W.	5 28	Crossed a deep water cut some timber on it.
	N 68 00 W.	13 60	Steep bluff to the South of River.
	N 2 00 W.	4 00	Crossed a stream at its mouth distance 1 Chain in the line heads Southwest. Some timber on it
	N 38 30 E.	3 00	Crossed a stream 18 links wide. Some timber on it.
	N 65 00 E.	6 45	
	S 42 00 E.	8 93	
	N 82 00 E	5 38	Heavily timbered.
	N 44 00 E.	6 40	Station on large Cottonwood 2 feet in diameter.
	N 30 00 E.	4 48	
	N 75 00 W.	2 45	
	N 63 00 W.	9 00	Heavily Timbered.
	N 13 00 W.	16 60	
	N 46 00 W.	5 20	
	N 11 00 W.	8 00	
	N 65 00 E	19 00	
	Due North	6 00	
	N 11 00 E.	13 00	
	N 27 00 W.	5 00	
	N 52 00 E	5 75	

Station	Bearing	Dist.	Remarks.
	due North	1300	
	N6800E	1800	
	N8500E	1000	Low prairie bottom heavily timbered by the river apparently the best soil.
	D. North		
	N4300E	1600	By the river bank well timbered
	N2210W.	1100	
	N3230E	2100	
	N2800W.	3000	
	N5 00E	1400	Splendid prairie bottom.
	N6130W.	2200	
	N2901W.	1300	
	S.8500W.	2400	
	N5715W.	1500	
	S7800W.	25	
	S5000W.	1100	
	N2100W.	900	To the mouth of the west fork and then proceeded up the west Fork of the Great Nemaha River with its Meanders to the line of the 40° of Parallel.
	S4100W.	2500	
	S1600W.	4000	
	S3000W.	1640	
	S1400E	2140	Heavily timbered along the Creek Prairie rich and good for cultivation.
	S4600W.	1500	
	N8800W.	1600	
	S800W.	2000	
	S4700E.	2200	
	S1100W.	2500	
	S4900W.	1000	
	S4500E.	1300	
	S1800W.	2200	
	S7000W.	1480	
	S1000W.	1710	
	S4400E.	3800	Crossed the Creek at 6 chains and at 9 Ch.
	S4600W.	1240	
	N5300W.	600	
	S1500E.	3800	
	S3900W.	1300	

Station	Bearing	Dist.	Remarks.
	S5000E.	800	
	S3300W.	4200	Crossed the Creek @ 7 ch. @ 16 ch. at 23 ch. and at 36 chains. Creek heavily timbered with black walnut red Elm + OAK
	S500W.	1200	
	N8730W.	900	
	S2500W.	3200	Crossed the Creek a 5 ch a 15 ch and at 30 Chains.
	S4000W.	1700	
	S9°00W.	1600	
	N4230W.	1400	
	S2730W.	2800	Heavily timbered.
	N7630W.	1000	
	S4415W.	1300	
	S3900E.	1000	Crossed the Creek at 5 Chains.
	S7900W.	3000	do do do 16 do
	S6515W.	1800	
	S5200W.	1700	Crossed the Creek twice on this line.
	S3230W.	2200	To the Corner of the Sac + Fox Reserve on the West Bank of Creek on the line of the 40° of Parallel where is established the S.W. corner of the Missouri Band of Sac + Fox Reserve Lands, by erecting a Stone mount from which the following reference bear, viz: A large Cottonwood tree 3 feet in diameter bears South 44° E. 150 chains, a Rock bears N. 30 W. 50 links. Another Rock bears N 50° West 50 links, and another rock bear due North 1 Chain (N.B. The Cotton wood tree is marked with the bearings and distances.) And then proceeded East along the line of the 40° of Parallel to the South fork of the Great Nemaha River, a distance of Fourteen mile

twenty Seven chains and sixty links — on the west bank of which is established the S.E. corner of the Sac and Fox of Missouri Reserve Land. By erecting a stone pile with a Black walnut post in the centre of it — from which a White Elm 2 feet in diameter bears S. 33 E. 22 links and marked with the letters S.E. Cor. for the South East Corner and another Elm 18 inches in diameter S. 39 E. 1.05 chs. and marked S. E. Cor. B.S.E. for the South East Corner bearing and distance and another Black Walnut tree 9 inches in diameter bears S. 15° E. 85 links, and thence down the South fork of the Great Nemaha River with its Meanders, to the point of Beginning.

Meanders

of the South Fork from the South East Corner as described on page the 14th. to its mouth or point of Beginning — as follows.

Bearing	Dist.	Remarks.
N 20° W.	4 00	Creek heavily timbered.
N 19 30 E.	16.70	
N 53 00 W.	17 45	
N 35 00 E	14.00	
N 29 00 W.	3 25	
N 3° E.	4 75	
N 40 00 W.	12 00	
N 38 00 E	16 50	
N 59 00 W.	3.00	
N 37 00 W.	5 00	
N 2° E.	3 50	
N 80 00 W.	9 00	
N 37 00 E.	7.00	
N 35 00 W.	10 00	From this angle the Stream 150 links.
N 69 00 W	2 50	
S 22 00 W.	3 00	
S 25 00 W.	8 00	At 200 Crosses a Stream bears 55 East.
N 39 00 W.	7 50	
N 14 00 E	7 00	
N 33 00 E	6 00	Splendid Bottom Land.
N 74 30 E	4 50	Fertile and good for cultivation.
N 39 00 E.	3 00	
N 75 45 E.	3 50	To the point of Beginning or the mouth of the South fork at its junction with the Great Nemaha River.

Saint Joseph,

Buchanan County, Mo.
January the 24th. 1855.

D. Vanderslice Esq.
Indian Agent.

Sir:

Herewith are respectfully submitted Field-Notes and plat of the Sac and Fox of Missouri Reserve Lands, as also a description of the Boundaries and area of the same.

I have the honor to be
Sir, With great Respect,
Your Obt. Servant,

John S. Leonard.
Dep: Surveyor and
C. Engineer.

Boundaries and Area of the Sac and Foxes of Missouri's Reserve Lands.

Beginning at the mouth of the South Fork of the Great Nemiha River and thence up the South West bank of the Great Nemiha with it's meanders to the mouth of the West Fork, thence up the West Fork with its meanders to the line of the 40° of Parallel on the West Bank of Creek (or Fork) where is established the South West Corner of the Sac and Fox Reserve by erecting a Stone monument from which the following references bears, viz:
A large Cottonwood Tree 3 feet in diameter bears S. 44°00 E. 1.05 Chains, A rock bears N. 30°00 W. 50 links, Another Rock bears N. 50°00 West 50 links and another rock bears due North 1 Chain. Thence East along the line of the 40° of Parallel

to the West Bank of the South fork of the Great Nemiha River distance Fourteen Miles Twenty-seven chains and Sixty links where is established the South East Corner of the Sac and Fox Reserve by erecting a Stone pile with a Black walnut post in the centre of it from which a White Elm two feet in diameter bears S. 33°00 E. 22 links and marked with the Letters S.E.Cor. for the South East Corner and another Elm 18 in diameter bears S. 39°00 E. 1.05 Chains and marked S.E.CBSE. for the South East Corner bearing and distance and another Black walnut 9 inches in diameter bears S. 15°00 E. 85 links and thence down the South fork with its Meanders to the point of Beginning,

Containing 32.098 Acres 3 Roods 35 perches.

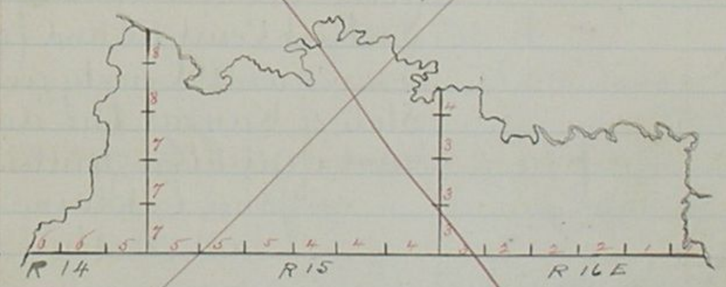
John S. Leonard,
Deputy Surveyor
& C. Engineer,

St. Joseph, Mo.
January the 24th, 1855.

Survey of Sacs & Fox
Reservation
By
John S. Leonard
Jany 24 - 1855

Field Notes
of
Survey of the Subdivisional Lines
of
Fractional Townships 1 of Ranges 14.15.16 E.
by
Thomas Osborn U.S. Deputy Surveyor
under Contract with Indian Department
No — Dated June 13 1863
Survey Commenced July 21st 1863
Survey Completed Aug. 15-1863

Diagram of the Exterior Lines, of Township
1. North of Ranges XIV. XV and XVI. E of the 6th P.M.



Re Survey of [illegible] and Exterior lines
Commenced July
Completed July 23 1863

[illegible]

Commenced July [illegible] 1863
Completed July [illegible] 1863

We S. W. Hardenberg and do solemnly swear that we will well and truly perform the duties of Flagman, Axeman, Cornerman, according to Instructions given me, and to the best of our skill and ability.

S. W. Hardenberg
R. G. Fitzgerald

Subscribed in my presence and sworn to before me this 15th day of July A. D. 1853.

In testimony whereof I have hereunto set my hand and Seal of the District Court in and for Leavenworth County and State of Kansas the day and year above written.

John E. Blaine Clerk.
Said District Court.

We Wm. W. Holt, and Wm. Sears do solemnly swear that we will faithfully execute the duties of Chain Carriers: that we will level the chain upon uneven ground and plumb the Tally Pins, whether by sticking or dropping the same: that we will report the true distances to all Notable objects, and the true length of all lines that we assist in Measuring, to the best of our skill and ability.

Wm. W. Holt.
Chainman
Wm. Sears.
Chainman

Subscribed in my presence and sworn to before me this 18th day of July 1853.

In testimony whereof I have hereunto set my hand and affixed the seal of the District Court in and for Leavenworth County and State of Kansas the day and year above written.

John E. Blaine Clerk.
Said District Court.

I. A. J. Angel, having been appointed a Deputy Surveyor of the Lands of the United States in Nebraska, do solemnly swear that I will, well and faithfully, and to the best of my skill and ability, execute the duties confided to me pursuant to a Contract with John B. Usher, Secretary of the Indian Department, bearing date the 13th day of June 1853. according to the Laws of the United States, and the Instructions received from the said John B. Usher. Sec, Indian Defit.

A. J. Angell.
Defit Surveyor.

Subscribed in my presence and sworn to before me this 15th day of July A. D. 1853.

In testimony whereof I have hereunto set my hand and the seal of the District Court in and for Leavenworth County and State of Kansas! the day and year above written.

John E. Blair. Clerk.
Said District Court

Field Notes

of The Survey of the Exterior boundaries of Fractional Townships No. 1. North of Ranges 14, 15 and 16. East of the 6th Principal Meridian being the Tract of land known as Sac and Fox Indian Reservation of the Missouri Tribe

As

Surveyed by Thos. A. Osborn under his Contract No. With Indian Department Dated, 1853.

Survey Commenced July 20th 1853.
Survey Completed July 23d. 1853.

Names and duties of Assistants that assisted in Running, Measuring and Marking the lines set forth in the foregoing field notes.

Wm. N. Holt	Chainman.
Richard Fitzgerald	Chainman.
Wm. Sears	Flagman.
Samuel Haudenburg	Cornerman.
Andrew J. Angell	Compassman.

Retracing of Base line or 40th of Parallel along the South Boundary of the Sac, and Fox Reservation in Range 15. East.

July 20th 1853. I commence to the Established Corner to Ranges 15 and 17. East and Run a Blank Line West along the South Boundary of Section 36. Range 15.

Chains

Variation 10° 55' East.

31.47 To the right and east bank of Walnut Creek or South Fork of the Great Nimaha River Course North Water Clear 1 ft deep Banks 20 ft high.

32.00 Left bank here I make an examination for the Corner Boundary on both sides of the Creek for 2 or 3 chains N and S. of the line 18 Chains North of this line I find, Bearing trees as described in the 1st Article of the Treaty. These bearing trees have been defaced and the corner is destroyed. This is the line run by Mr. Johnson and retraced by Charles Manners and condemned. and the corner boundaries destroyed.

I therefore proceed to retrace the base line west.

40.00 Intersect a lime stone quarter section corner standing.

80.00 Intersected 2 lks North of the point for corner to Section 35. and 36. find a lime stone lying on the ground, planted it in its old bed which is still plain to be seen. From this corner I run East along the South Boundary of Sec 36.

Variation 10° 55' East.

21.00 A. branch 10 lks wide course N. E.

40.00 The quarter Section Corner.

48.00 I set a lime stone 23 in long 14 in wide and 5 in thick marked with the letters S.E. C. B. on the North side and R on the South side for S. E. Corner Boundary of S and T.

Chains reserve from which An Elm 15 in diameter bears South 18 lks distant marked with the letters S. E. C. B of S. and T. R. B. S. Land undulating prairie.

Soil 1st rate.

Thence west on a blank line for the Corner to Sections 35 and 36 along the South Boundary of section 35.

Variation 11° 00' East.

4.00 A. ravine course S. E.

40.00 The point for quarter section Corner cannot find any stone.

58.00 A road bears N. and S.

80.00 To a point 5 lks North of a limestone cor. to Section 34. and 35 standing I retraced this east.

Variation 11° 03' East.

Resurvey of the South Boundary of the Sac and Fox reserve in Range 15 East.

40.00 Set a limestone 20 in long 12 in wide and 3 in thick for a quarter section corner. Land high prairie

Gently Rolling

Soil 1st rate

West on a blank line along the South Boundry of Section 34.

Variation 11° 02' East.

40.00 The quarter section corner find the broken and destroyed

78.50 Road bears N. W and S.

80.00 The section corner missing

Thence west along the south Boundary of section 33.

30.00 Enter bottom bears N. and S.

40.00 The quarter section corner missing

45.00 Enter timber bears N and S.

53.47 Pony creek 40 lks wide flows N. E. Water clear 5 in deep Bed of stream sandy Banks 18 feet high.

Chains

55.00 Leave Timber enter prairie bears N. and S.

60.00 Leave Bottom enter gently rolling prairie bars N. and S.

80.00 To a point 11 lks N of the corner to Section 32. and 33. from which corner I run. East on a true line.

Variation 11°.05'. East.

40.00 Set a Limestone 17 in long 15 in wide and 4 in thick for a quarter section corner.

80.00 Set a limestone 22 in long 8 in wide and 5 in thick for corner to sections 33 and 34. Land high and gently rolling prairie, well adapted to farming. Soil 1st. rate. Bottom land black and rich. Timber on Pony creek Oak, Walnut, and Elm. of a good quality

Thence east along the South boundary of Section 34.

40.00 Set a lime stone in its old bed 17 in long 15 in wide and 14 in thick for a quarter Section corner.

80.00 The corner to section 34. and 35. Land High Rolling Prairie. Soil 1st. rate

West along the south boundary of Section 32.

Variation 11°.05' East.

40.00 A limestone quarter section corner Standing

80.00 A limestone corner to Sections 31. and 32. standing

Land High Rolling Prairie Soil 1st. rate.

reserve in range. 15. E.

Chains

West along the south boundary of section 31.

Variation 11°.05' East.

40.00 The quarter section corner. A lime stone lying on the ground, set the same in the old bed

80.02 The corner to range 15. and 16. East of the 5th P. M.

Land High Rolling Prairie Soil 1st. rate.

North between ranges 15 and 16. North between sections 31 and 36. on a Blank line.

Variation 11°.10'. East.

30.00 A road bears N. 35° E. and S. W.

40.00 Intersected an old mound of earth nearly washed down, Set a sand stone 20 in long 15 in. wide and 3 in thick for a quarter Sec. Cor.

80.07 An old mound washed down, Set a sand stone 15 in long 12 in. wide and 5 in thick for a corner to sections. 25, 30, 31. and 36. in centre of old mound.

Land High Dry Prairie Rich Soil.

North between sections 25. and 30 on a blank line.

Variation. 11°.20'. East.

40.03 To a point for quarter section Cor. find a limestone lying on the ground planted same in its old bed

80.04 To a point 3 lks East of a line stone corner to sections. 19. 24. 25. and 30.

Land Rolling Prairie Rich Soil. A small Stream. N.

Chains North between sections 19. and 24.

Variation 11° 20' East.

18.50 A small prairie 3 lks wide course N.E.

40.00 To the centre of an old mound of earth washed down, Set a limestone 14 in. Long 12. in. Wide and 5 in. Thick for a quarter Section Corner.

55.00 Leave rolling prairie enter Nimaha River bottom bears W. and S.E.

80.05 At an old mound of earth washed down, Set a limestone in its center 16. in. Long 10 in Wide and 4 in Thick for Corner to Sections, 13. 18, 19. and 24.

Land south 55 ch's undulating prairie, good soil. North 25 Level bottom soil black and rich. (Does not overflow)

Between Ranges 15 and 16. East. North between sections 13. and 18.

Variation 11° 25' East.

37.00 Right bank of Nimaha River

38.05 Waters Edge Course east by south.

39.00 Left bank, bank 25 ft High water clear 2 ft deep

40.00 Intersected at the quarter section Corner.

Land Level Bottom Soil 1st rate. (Does not overflow) July 21st 1853.

Base Line or 40th Parallel.

West along the south boundary of the Sac, and Fox. Reservation in Range 15.

West along the south boundary of Sec. 36.

Variation. 11° 05' East.

37.00 Ravine course S.E.

40.03 A limestone quarter section corner standing

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

80.00 A limestone lying on the ground planted same in its old bed Land Rolling Prairie Soil 1st rate

Chains West on a blank line along the south boundary of section 35.

Variation. 11° 10' East.

40.00 The point for quarter section corner find the stone broken in two. set a limestone 16 in. Long 15 in Wide and 4 in. Thick for a quarter section corner.

63.50 A low swail or head of Prairie Creek flows N.W.

80.00 The point for Sec. Corner. find a limestone lying on the ground set the same in its old bed. Corner to sections 34 and 35.

Land High Rolling Prairie Soil 1st rate

West on a blank line along the south boundary of Sec. 34.

Variation 11° 10' East

5.00 Low swail bears S.E.

40.00 Find a post standing, Set a limestone 24 in. Long 12 in Wide and 2 in Thick for a quarter Section Corner. By the side of Stake.

70.00 Swail bears S.E. and S.

80.00 A post and limestone lying on the ground, Set the limestone in its old bed, Corner to sections. 33. and 34.

Base Line or 40th of Parallel in Range 15. East.

Land High Rolling Prairie. Soil 1st rate.

West on a blank line along the south boundary of section 33.

Variation 11° 10' East.

14.20 A small stream of clear water 5 lks wide course S.E.

40.03 A limestone quarter section corner (standing)

52.00 A small stream, 5 lks wide course N 70° East

Chains

73.85 Same Stream course. S. 50°. East.

80.05 A limestone lying on the ground I set the same in its old bed. corner to sections 32. and 33.

Land Rolling Soil Rich well adapted to farming.

West on a blank line along the south boundary of Sec. 32.

Variation. 11°. 15'. East.

40.00 A limestone quarter section corner standing

47.50 A road bears North and South.

56.00 Swail or water course bears N. W.

80.00 A limestone corner to sections 31. and 32. standing.

Land High and Rolling some surface limestone.

Soil 2d. Rate.

West on a blank line along the south boundary of Section 31.

Variation. 11°. 15'. East.

34.00 A creek 10 lks wide, clear water course. N. W.

40.00 Set limestone quarter section corner standing

80.00 A limestone corner to Sections 31 and 35. Ranges 14. and 15. East Township 1. North.

Land High and Rolling rather broken Soil good 2d. rate

Chains

Base line

Thence west on a blank line along the south boundary of section 35. range 14. East.

Variation. 11°. 15'. East.

30.00 Swail with a few Trees.

40.00 To a point 7 lks N. of quarter section corner a limestone standing

49.00 Enter Timber bears N. and S.

50.00 Rock Creek comes from west and flows N.E. 25 lks wide at RA.

56.00 Bear Creek comes from the S.W. and flows E.

58.00 North margin of creek comes from S.W. and flows S.E.

58.50 Enter Prairie bears N. and S.

80.00 4 Lks N. of a limestone corner to Sections 35 and 36. Standing

Base Line or 40°. Parallel. Range 14. East.

Land High Rolling Prairie

Soil 2d. rate.

Timber on Rock Creek. Small Oak. Elm. and Walnut. Undergrowth, Hazel and vines.

West on a blank line along the south boundary of Section 35.

Variation. 11°. 15'. East.

0.50 A road bears. N. E. and S. W.

40.00 A limestone quarter section corner standing.

80.00 A limestone corner to section 34 and 35. standing on a ridge.

Land High and Bluffy Surface Limestone

Soil 2d. Rate.

Chains. West along the south boundary of section 34.
Variation. 11° 20' East.

40.00 To a point 7 Lks south of a limestone quarter section corner standing West from quarter section corner
Variation. 11° 18' East.

51.00 Right bank of the West fork of Nemaha or Honey Creek as it is called here.

51.80 Waters edge flows. N.E. General course N. here.

51.95 Left bank waters edge, water 6 in deep Clear, Stony Bottom.

52.00 Top of main bank I make an examination and find a Cottonwood 10 in. Diam. 7 Chs North of this line marked as described in the Treaty, I could not find any Trees, bearing Tree bears. N. 12° W. from the west bank of the creek. 5.05 Chains, I therefore traced the line west,

80.00 I find a limestone corner to sections 33. and 34. East on the same line,

82.07 I find a limestone on the West bank of the Creek, as set for the S.W. cor. boundary marked with the letters S.M.C. of S. and F.R. on the North and R. on the south side, 5.93 Chs west of the left bank of Honey Creek.
Land Broken and Stony
Soil 2d rate.
July 22d 1853.

Townsh. 1 N. Range Line Between Ranges 14 and 15. East of the 5th P. M.

Chains.
July 23d 1853.
North on a blank line along the east boundary of Section 35.
Variation, 11° 15' East.

40.00 A limestone quarter section cor. standing

80.00 To a point 3 Lks West of a limestone corner to sections 25. 30. 31. and 36. from which a Burr Oak. 15 in. Dia bears N. 30° W. 9.72 chs.
Land Rolling Prairie with Surface limestone in many places,
Soil 2d rate.

North along the east boundary of Section 25.
Variation. 11° 18' East.

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

10.30 Rock Creek 20 Lks wide course N. 20° E. Limestone bed and banks. Water shallow and clear with gentle current.

21.00 Rock Creek 20 Lks wide course N. W.

40.00 On examination I find old bearing trees standing but did not find a corner, I set a limestone 16 in Long 10 in. Wide and 5 in Thick for a quarter section corner from which a Burr Oak. (the old bearing tree) 30 in dia. bears N. 85° W. 55 Lks Distant. A Hickory 12 in. Diam. (and old bearing tree) bears S. 87° E. 70 Lks Dis-

53.40 Rock Creek 25 Lks wide course east

53.00 Leave timber enter prairie bears E. & W.

80.06 To a point 3 Lks west of a limestone corner to sections 19. 24. 25. and 30 which is standing. Land south 10 Chains and North 27 Chains Rolling Prairie balance timber

Exterior Township 1. N. of Range 14 & 15. E. of the 5th P.M. Sec. 24

Chains consisting of Oak, Walnut, Hickory, Elm, and Lynn, with undergroth Hazel, Briars & Grape, grows very thick.
Soil 1st Rate.

North on a blank line along the E. boundary of section 24.
Variation 11° 15' East

39.98 A limestone quarter section (standing)
80.00 A limestone corner to sections 13. 18. 19. and 24 lying on the ground, planted the sand in its old bed.
Land Undulating Prairie
Good 2d Rate Soil.

North on a blank line along the east boundary of Sec. 13.
Variation 11° 18' East.

38.00 A road bears east and west.
40.00 A limestone quarter section corner lying on the ground set the same in its old bed.
73.00 Entre skirt of small timber 2 chs wide
73.40 Small branch 15 lks wide course N. 80° E.
75.00 Leave timber bears E and W.
80.00 A limestone corner to sections 7. 12. 13. and 18. (standing) Land rather bluffy Limestone on surface.
Soil Poor 2d Rate.

North along the east boundary of Section 12.
Variation 11° 20' East.

3.00 Entre Nemaha River bottom bears S.W. and S.E.
40.00 To a point 3 lks East of a limestone quarter section corner standing
50.50 Enters timber bears S.E. and W.
52.15 To the water edge on the right and south bank of the great Nemaha River comes from the West and

Exterior Township 1. N. of Range 14 & 15. E. of the 5th P.M. Sec. 24 & 13

Chains flows south 80° E.
32.90 Left bank water edge
33.20 Thence meander corner to sections 7 and 12. Land south 37 chs High and Rolling Soil 2d Rate. balance level bottom, does not overflow, except in very high water, Soil 1st rate.
Belt of timber on River banks consist of Elm, Maple, Walnut and Cottonwood.

July 23d 1853.

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 the exterior lines of fractional Township 1 North of ranges 14, 15 and 16 East of the 5th Principal Meridian. Showing the respective capacities in which they acted.

R. G. Fitzgerald,	Chainman.
Wm. W. Holt	Chainman.
S. W. Hardenburg	Axeman & Cornerman
Wm. Sears	Flagman.
Andrew J. Angell	Compassman.

13.
14

Field Notes

of the subdivisional lines of Fractional Township one North of Range (14) fourteen east of the 5th Principal Meridian, Nebraska Territory as surveyed by Thomas A. Osberk, under his contract with the Indian Department, dated June 12 1853.

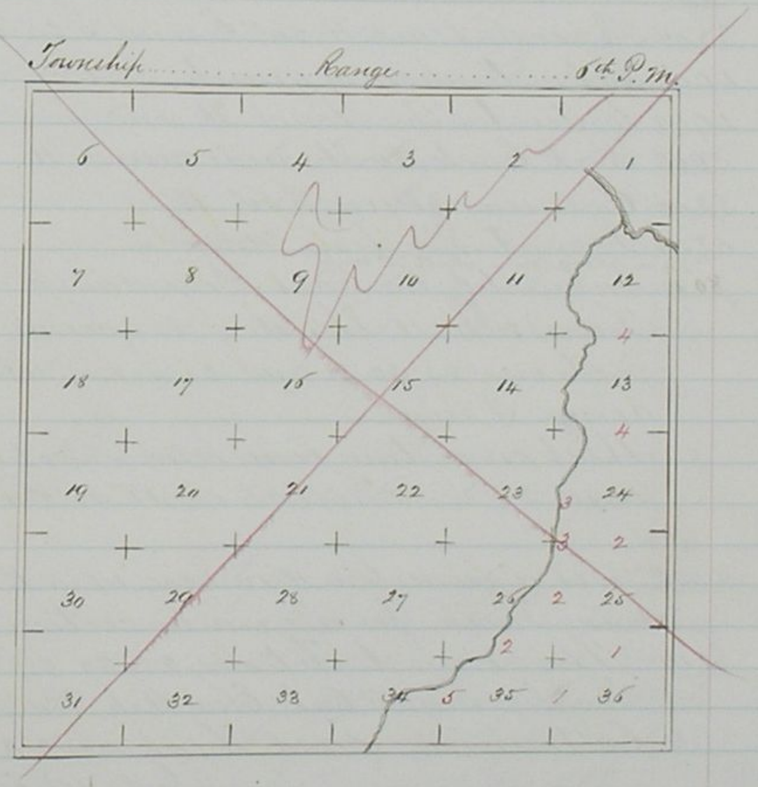
Survey commenced Aug 3d. 1853.

Survey completed Aug. 5th 1853.

14
15

Fracional Township 1. N. of Range 14. E. of the 5th P.M. N.T.

Chains	Names and Duties of Assistants	
	Wm. W. Holt,	Chainman.
	Richard Fitzjerald	Chainman.
	William Seders	Flagman.
	Samuel Hardenberg	Chainman.
	Andrew J. Angell	Compassman.



I determined the proper adjustment of my compass for subdividing this Township by running the range line between Ranges 14, and 15. East, and the base line. Variation, 11°. 14'. East.

North between Sections 35 and 36. Variation, 11°. 14'. East.

1.50	A road bears N.E and S.W.
18.00	A road bears N.E and S.W.
40.00	Set a limestone 18 in Long 12 in Wide and 5 in Thick. for a quarter sec cor.
43.00	A branch 5 lks wide flows East.
84.00	Set a limestone, 23 in Long 11 in Wide

Fractional Township 1 N. of Range 14 E. of the 6th P. M. N. S.

Chains. and 6 in Thick for a corner to Sections 25, 26, 35 and 36. Land Undulating Prairie well adapted to farming. Soil black and rich.

East on a random line between sections 25 and 36. Variation. 11° 20' East.

18.00 A road bears N and S.
35.00 A road bears N. 20° E and S. 20 W.
40.00 Set a temporary quarter section corner.
49.00 Enter timber bears N and S.
50.00 Rock Creek 30 Lks wide course N.
52.00 A ravine course S. 50° W.
52.50 Leave timber bears N and S.
73.00 = Ravine course West 30 Wide
80.10 Intersected the East Boundary of the Township 10 Lks N. of the corner to sections 25, 30, 31 and 36. from which corner I run.

West on a true line between Sections 25 and 36. Variation, 11° 16' East.

40.05 Set a limestone 19 in Long 14 in Wide and 4 in. Thick for a quarter section corner.
80.10 The corner to sections, 25, 26, 35 and 36. Timber Small Oak, Elm, Ash, Walnut and Cottonwood. Land High and Rolling Soil 1st Rate.

The line between Sections 25 and 35. will strike the West fork of the Minaha River in less than 80 chs. I therefore run, West on a random line between sections 26 and 35. Variation, 11° 12' East.

35.00 Enter hazel brush and small scattering timber bears N. E and S. W.
40.00 Set temporary quarter section corner.
43.00 To Honey Creek or west fork of Minaha course N 25° E. 25 Lks wide.

Township 1 N. of Range 14 E. of the 5th P. M. N. S.

Chains.
14.42 Intersected at a point 7 Lks West of a limestone Meander corner to fractional sections, 26 and 35. from which corner I run. East on a true line between sections 26 and 35. Variation. 11° 15' East.

14.42 Set a limestone 18 in Long 14 in Wide and 4 in Thick for a quarter section corner, no trees near to mark.
14.42 The corner to Sections 25, 26, 35 and 36. Land high rolling prairie, soil good, small brush, on Creek Hazel and Hickory. The timber has all been destroyed, Cut and taken away by Settlers.

North between sections 25 and 26. Variation, 11° 10' East.

40.00 Set a limestone, 20 in Long, 16 in Wide and 3 in Thick, for quarter section Cor.
42.00 A Ravine course N. W.
80.00 Set a limestone. 24 in Long 12 in Wide and 3 in Thick, for a corner to sections 23, 24, 25 and 26. Land gently rolling of a good quality.

East on a random line between sections 24 and 25. Variation 11° 5' E.

37.00 A road bears N. E and S. W.
40.00 Set temporary quarter section Cor.
79.70 A road bears N E and S W.
79.80 Intersected the East Boundary of the Township. 12 Lks North of the corner to sections, 19, 24, 25 and 30. from which corner I run. West on a true line between Sections 24 and 25. Variation. 11° 10' East.

Fractional Township 1. North of Ranges 14 E. of the 5th P. M.

Chains

39.93 Set a limestone 18 in Long 10 in Wide and 5 in Thick, for a quarter section corner.

79.85 The corner to Sections. 23. 24. 25. and 26. Land mostly high, rolling prairie Soil 1st Rate.

West on a random line between fractional Sections 23. and 26. Variation 11° 15' East.

5.00 Enter timber bears N. and S.

6.00 The right bank of Honey Creek or the west fork of the Nemaha River 30 Lks wide flows N. 20° E.

7.50 Intersected at a limestone Meander corner to fractional sections 23 and 26. from which corner I run. East on a true line between Sections 23. and 26.

Variation 11° 15' E.

7.50 The corner to sections. 23. 24. 25 and 26. Timber Oak, Elm and Lynn. Land level, Soil Good.

North on a random line between sections 23 and 24.

Variation 11° 12' East.

15.00 Enter timber bears N. 20° E.

30.00 The right bank of Honey Creek or west fork of the Nemaha. River course N. 50° E. 300 N. 30 Lks wide clear water

30.64 Intersected 3 Lks west of a limestone Meander corner to fractional sections 23. and 24. from which corner I run. E. South on a true line between Sections 23. and 24.

Variation 11° 11' East.

30.64 The corner to sections. 23. 24. 25. and 26.

Fractional Township 1. N. of Ranges 14 E. of the 5th P. M. N. S.

Chains. Land level, Soil rich of the first quality, Timber, Oak, Elm, and Walnut, has been cut and destroyed in many places. On the Creek there are five farms on the west side.

West on a random line between sections 13 and 24.

Variation 11° 12' East

35.00 Enter level prairie land bears N. and S. W.

40.00 Set a limestone for a temporary quarter section corner.

55.00 A road bears N. 20° W.

57.00 Enter timber bears N. W. and S.

58.60 The right bank of Honey Creek or the west fork of the Nemaha River comes from the S. E. and flows N. 30° W. 35 Lks wide.

* Omission supplied on margin

59.10 The corner to sections 13. ~~14. 23~~ 18 19 and 24.

Timber small and inferior consisting of Oak, Elm and Walnut.

Land level and undulating Prairie well adapted to Tillage Soil 1st Rate.

West on a random line between sections 12 and 13.

Variation 11° 15' East

35.00 Enter bottom bears N. and S. 50 West

40.00 Set a stone for temporary quarter section corner.

55.00 Enter timber bears N. and S.

59.80 The right bank of Honey Creek or the west fork of the Great Nemaha River course N. 30° W. 35 Lks wide

60.70 Intersected at a limestone Meander corner to fractional Sections 12 and 13. from which corner I run East on a true line.

Intersected 11 Lks North of the meander corner 5 Inches Sections 13 and 24 - from which corner I run East on a True line between sections 13 and 24 - Var. - 11° 14' East

Set a Line Stone 18 in long - 12 in wide and 4 in thick for the Section Corner

59.10 *

do. 19.10

Fractional T. 1 N. of Range 14 East of the 5th P. M.

Chains between sections 12 and 13.
Variation 11° 15' East.

20.70 Set a limestone 22 in Long 14 in. Wide and 3 in. Thick for a quarter section corner.

50.70 The corner to sections 7, 12, 13 and 18. Timber, Oak and Walnut of an inferior quality. Land west ½, level bottom Soil rich. East ½ rolling Soil 2d Rate.

North on a random line between sections 34 and 35.
Variation. 11° 12' East.

30.00 A ravine course N. E.

41.00 Set temporary quarter section cor.

51.80 The right bank of Honey Creek or west fork of the great Nimaha River, flows N. 30° E. 25 lks wide

52.20 Intersected 4 Lks east of a limestone Meander corner to fractional sections 34 and 35. from which corner, I run, South on a true line, between sections 34 and 35. Variation. 11° 14' East.

12.20 Set a limestone 20 in Long 10 in Wide and 8 in. Thick, for a quarter section corner.

52.20 The corner to sections 34 and 35. A narrow belt of timber on the bank of Creek. small Oak Elm and Hickory Land broken and Bluffy.
Soil 2d Rate.

Fractional T. 1 N. of Range 14 East of the 5th P. M. N. S.

General Description.

This fractional Township is mostly undulating, prairie of a good quality. Fine for farming. There is indications of limestone quarries in the South west corner of this reserve, Suitable for building and fencing purposes. This fractional Township, is well watered.

Rock Creek is a fine stream of pure water, running through the S. E. corner of the fractional Township. And Honey Creek is the west boundary of the reserve, and the great Nimaha the North boundary, affords plenty water for stock. There are a number of fine springs along the banks of Honey Creek. The timber along the Creeks is rather small and inferior, consisting of Oak, Elm, and Walnut. Most of the good timber has been cut and carried away by the numerous settlers, on the south and west borders of the reserve.

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 Fractional Township 1 North of Range 15 E. of the 5th Principal Meridian, showing the respective capacities in which they acted.

R. G. Fitzgerald	Chainman.
Wm. W. Holt.	Chainman.
S. W. Hardenburg	Axeman
Wm. Sears	Flagman
Andrew J. Angell	Compassman

Field Notes.

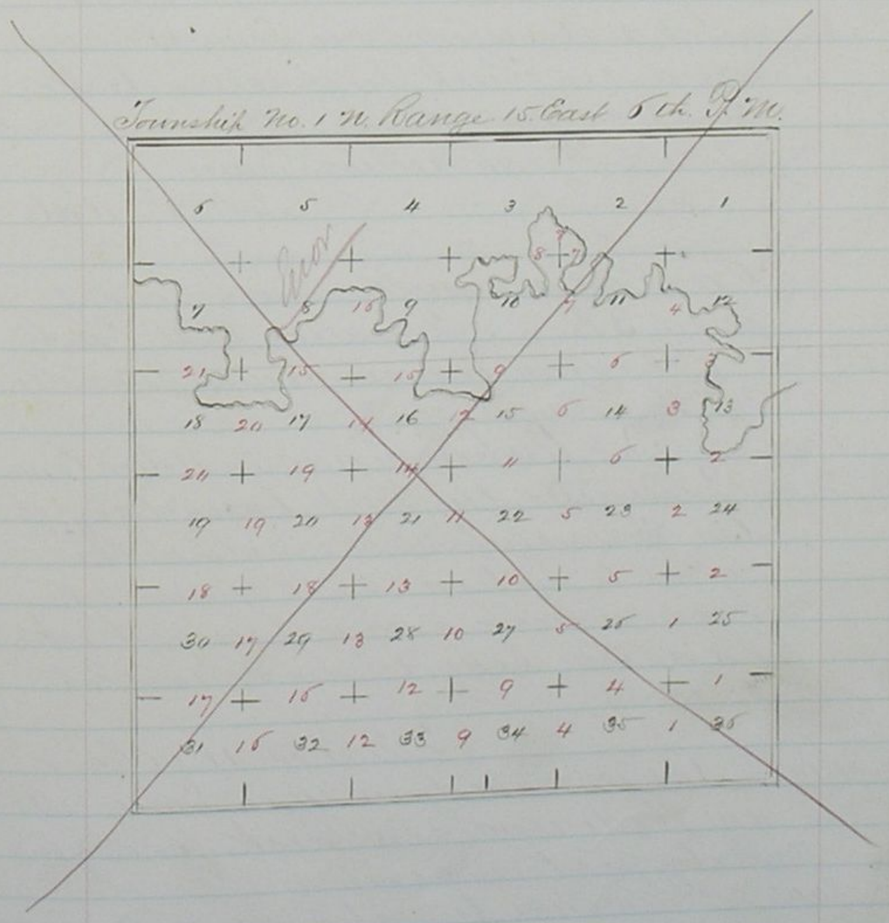
of the Survey of the subdivisional lines of Fractional Township 1 N. of Range 15 E. of the 5th Principal Meridian, in Nebraska Territory as surveyed by Thomas A. Osborn, Deputy surveyor under his contract with the Indian Department dated June 1863.

July 28th 1863 Survey commenced

August 2d 1863 Survey completed

Names and duties of Assistants

Wm. W. Holt	Chainman
Richard Fitzgerald	Chainman.
Wm. Sears	Flagman.
Samuel Hardenburg	Cornerman
Andrew J. Angell	Compassman



Fractional T. 1. N. of Range 15. E. of the 5th P. M. N. S.

Chains

July 28th 1853.

I determined the proper adjustment of my Compass for subdividing this Township by ~~[illegible]~~ running the Range line on the east boundary of the Township.

Variation 11° 05' East.

1st mile

North between Sections 35 and 36.

Variation 11° 05' East.

1000 Set a limestone 16 in. Long 11 in. Wide and 3 in Thick, for a quarter Sec. corner.

50.00 A road bears N. 80° W. and S. 80° E.

80.00 Set a limestone 20 in Long 15 in wide and 3 in Thick, for a corner to Sec. 25. 26. 35 and 36.

Land High, rolling Prairie.

Soil 1st Rate.

2nd mile

East on a random line between 26. and 35. Variation 11° 10' East.

37.00 A ravine or water course flows N. 30° W.

40.00 Set temporary quarter section Corner.

80.05 Intersected the East boundary of the Township. 29 Lks. North of the corner to Sections. 25. 30. 31. and 36. from which corner I run. West on a true line between sections 25. and 36.

Variation 11° 01' East.

40.02 Set a limestone 14 in Long 11 in Wide and 3 in Thick, for a quarter section corner.

80.05 The corner to sections. 25. 26. 35. and 36. Land High and Rolling

Soil Good & Rich

To page 24

Fractional T. 1. N. Range 15. E. of the 5th P. M. N. S.

Come page 24

Chains

3rd mile

North between Secs 25 and 26. Variation 11° 10' East

7.00 A water course runs N. 20° E.

17.00 A water course runs N. 70° E.

40.00 Set a limestone 16 in. Long 15 in. Wide and 3 in Thick, for a quarter section corner.

80.00 Set a limestone 18 in Long 8 in Wide and 5 in Thick, for a corner to sections 25. 26. 23 and 24. Land High. Rolling Prairie. Soil 1st Rate.

4th mile

East on a random line between Sections 24 and 25. Variation 11° 10' East.

27.50 A branch 10 Lks wide clear water flows North.

40.00 Set a temporary section corner.

71.00 A sloughcouse N. 30° E. 15 Lks wide

79.75 Intersected the East boundary of the Township, 27 Lks south of the corner to Sections 19. 24. 25. and 30. from which corner I run. West on a true line between sections 24. and 25.

Variation 11° 21' East.

39.87 Set a limestone 15 in. Long 15 in Wide and 3 in Thick, for a quarter section corner.

79.75 The corner to sections 23. 24. and 25 & 26. Land High. Rolling Prairie.

Soil 1st Rate

5th mile

North between Secs 23 and 24. Variation 11° 15' East.

10.00 A Ravine, course N. E.

40.00 Set a limestone 15 in Long 11 in Wide and 3 in Thick, for a quarter section corner.

50.00 A small Dry branch 10 Lks wide

To top of page 25

Fractional T. 1. N. Range 15. East of the 5th P. M. N. S.

From bottom page 24

Chains.

80.00 Set a limestone 30 in Long 12 in Wide and 3 in Thick for a corner to Sec. 13. 14. 23 and 24. Land Gentle Rolling Prairie. Soil 1st Rate

Continued 1/4 mile

6th mile

East on a random line between Secs. 13 and 24. Variation 11° 10' East.

37.50 Enter hazel brush bears N. E and S. W.
40.00 Set a temporary quarter section cor.
42.00 A small Creek 10 Lks wide, course N.E. Enter bottom, land on east side off Creek bears N. W and S. W.
64.50 A. Creek 30 Lks wide course N 20° E.
65.50 Leave timber bears W and S.
79.55 Intersected the east boundary of the Township. 5 Lks North of the corner to Sections. 13. 18. 19 and 24. from which corner I run West on a true line between sections 13 and 24. Variation 11° 08' East
39.83 Set a limestone. 18 in. Long 15 in Wide and 3 in Thick for a quarter section corner.
79.55 The corner to sections. 13. 14. 23 and 24. Land west 1/2 undulating prairie. soil 1st rate. East 1/2 level bottom. soil black and rich 1st rate Timber on Creek good Oak. Elm. Ash. Hickory and Walnut. Undergrowth Hazel. Willow and Grapevines.

7th mile

North between sections 13 and 14 Variation 11° 05' East.

11.00 Enter Nemaha river bottom bears N. W and E.
40.00 Set a limestone 18 in Long 12 in wide and 4 in. Thick for a quarter section corner.
80.00 Set a limestone 18 in Long 14 in Wide and 4 in Thick for a corner to sects. 11. 12. 13. and 14. Land mostly level

Fractional T. 1. N. Range 15. E of the 6th P. M. N. S.

Chains. bottom. Soil 1st Rate.

8th mile

East on a random line between Secs 12 and 13. Variation 11° 10' East.

11.00 Enter small timber bears S.E. and N.E.
11.80 Right and left bank of the great Nemaha river, comes from the N.E. and runs south. Water clear, gentle current, 18 in. Deep.
12.50 Left bank 20 ft high
12.80 Intersected 2 Lks south of a post Meander, corner to fractional Secs. 12 and 13. Finding there is a sharp bend in the river, and the line crosses again I proceed East.
25.93 The left bank of the river, at a post Meander, corner to fractional sections 12 and 13. course of river S.E. and N. W.
26.80 Right bank of river
39.10 Right bank of river again comes from the N. W. and runs S.E.
40.00 Left bank at water Edge.
40.35 Intersected at a post Meander. cor. to fractional sections 12 and 13. from which corner I run, West on a true line, between fractional sections. 12 and 13. Variation 11° 10' E.
40.35 The corner to Sections. 11. 12. 13. and 14. Land level bottom, mostly timber land, Consisting of Oak. Elm. Ash. Walnut. Hackberry, Hickory and Maple.

9th mile

North on a random line between Sections. 11 and 12. Variation 11° 15' East.

36.00 Enter timber bears N.E. and S. W.
37.00 A. slough 1.50 Lks wide course N.E and W.
40.00 Set a post for temporary quarter section cor.
50.00 West Margin of River North 20° East, and S.E.

Continued on page No 27 (a)

To left page 27

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Fractional T. 1. N. Range 15. E. of the 6th P. M. N. T.

13 mile continued from 27½

* Omission supplied on page 27½.

Chains

80.00 Intersected the N. and S. lines 5 Lks North of the corner to Sections 23. 24, 25 and 26. from which corner I run. West on a true line between Sections. 23. and 26.

Variation 11° 7' East.

40.00 Set a Limestone 17 in. Long 14 in. Wide and 3 in. Thick for a quarter section corner.

80.00 The corner to Sections 22. 23. 26 and 27. Land High, Rolling Prairie.

Soil, Good 2d Rate.

14 mile North between sections. 22 and 23.

Variation 11° 15' East.

40.00 Set a Limestone 17 in Long 15 in. Wide and 4 in Thick. for a quarter section corner.

73.00 A small prairie Creek 5 Lks wide clear water, course N. W.

80.00 Set a Limestone 18 in Long 6 in Wide and 6 in Thick. for a corner to Sections 14. 15, 22 and 23.

Land High, Rolling Prairie.

Soil 1st Rate.

15 mile East on a random line between sections. 14. and 23.

Variation 11° 00' East.

4.00 A road bears N. 30. W and S. 30° E.

40.00 Set a temporary quarter section Cor.

80.00 Intersected the N and S. line 47 Lks S. of the corner to sections. 13. 14. 23 and 24. from which corner I run. West on a true line between Sections 14 and 23.

Variation. 11° 20' East.

40.00 Set a Limestone 22 in. Long 12 in. Wide and 4 in. Thick. for a quarter section corner.

Continued on page 28

*

Chains -

58.64 The right Bank of the great Nimaha river comes from the West and flows South 20° East

59.90 Left Bank at Waters Edge

60.04 Intersected at a post Marked Meander Corner to fractional Sections 11 and 12 from which Corner I run South on a true line between Sections 11 and 12

Variation 11° 15' East

20.04 Set a Limestone 17 × 10 × 3 - for ¼ Section Corner from which an Elm 28 in. dia bears S 17° E. 3.37 lks distant

No other trees nears to mark

60.04 Corner to Sections 11. 12, 13. and 14.

Land Level Bottom Soil Good

Timber on Banks of River good Oak Walnut Elm Hackberry Hickory Lynn and Sycamore Undergrowth brush and Grape vines

July 29th 1863

North between Sections 34 and 35

Variation 11° 15' East

15.00 A Cabine Course S.E.

40.00 Set a Limestone 20 × 14 × 4 for ¼ Section Corner

80.00 Set Limestone 20 × 8 × 5 corner to Sections 26 - 27 - 34 and 35 -

Land High Rolling Prairie Soil 1st rate

East on Random line between Sections 26 and 35 - Variation - 11° 05' East

20.00 Head of Water Course flows North

27.00 A road bears North 20° West & S.E.

80.07 Intersected the North and South line 17 links South of the Corner to Sections 25-26-35 & 36 from which Corner I run West on a true line between Sections 26 and 35 -

Variation 11° 12' East

40.03 Set Lime Stone 14 × 14 × 3 for ¼ Section Corner

80.07 The Corner to Sections 26-27-34 and 35

Land High Rolling Prairie

Soil 1st rate

Continued on page 27 (b) over)

From page 27½ – 12th mile

Chains North between Sections 26 and 27.
Variation 11° 10' East
40.00 Set Lime Stone 16 x 15 x 3 for ¼ Section Corner
80.00 Set Limestone 18 x 10 x 4 for corner
to Sections 22, 23, 26, and 27
Land High Dry Prairie
Gently Rolling – Soil 1st rate

13th mile East on Random line between
Sections 23 and 26 –
Variation 11° 05' East.
20.10 A road bears North and South
37.00 A Ravine course N.E.
40.00 Set temporary ¼ Section Corner
go to page 27 (top)

Continued on page 27

Fractional T. 1 N. Ranges 15 E of the 6th P. M. N. T.

From page 27
15 mile – from bottom of page 27

Chains.
80.00 The corner to sections 14. 15. 22 and 23.
Land east ½ Gently Rolling Prairie
Soil 1st rate. West ½ Bluffy surface
Limestone. Soil 2d rate.

North between sections 14 and 15. 16th mile
Variation 11° 18' E
11.00 Enter road bears N and S 10° E.
15.00 Leave road bears N 20° W and S.
40.00 Set a Limestone 19 in. Long 14 in. Wide
and 3 in Thick, for a quarter section
corner.
66.00 Enter a road bears N. and S. 20° W.
69.00 Leave a road bears S and N. W.
80.00 Set a Limestone 26 in. Long and 3 in.
Thick for a quarter section corner.
Land High Rolling Prairie, and
rather bluffy surface, Limestone
in places Soil 2d Rate.

East on a random line between 17th mile
sections 11 and 14.
Variation 11° 15' E.
10.00 Enter Bottom bears N.W. and S.E.
40.00 Set temporary quarter section corner.
3 Circular pieces of Oak, and Hickory
timber 20 ch's S. of this line, about
an acre each
80.19 Intersected the north and S. line
30 Lk's South of the corner to sections
11. 12. 13. and 14. from which corner I
run West on a true line between
Sections 11 and 14.
Variation 11° 28' East.
40.09 Set a Limestone 17 in Long 18 in Wide
and 3 in Thick for a quarter section
corner.
80.19 The corner to Sections 10. 11. 14. and 15.
Land on the line level bottom. High
limestone bluffs south of the line
Bottom, Soil 1st rate. Bluff 2d rate. ✓ Top Top pg-29

82/29

Fractional T. 1 N. Range 15 E. of the 5th P. M. N. S.

7 from corr. page 28 18th mile

Chains

North between sections 10 and 11.
Variation 11° 15' East

11.00 Enter river bottom bears N. and S. E.
11.00 Set a limestone 15 in Long 15 in Wide and 5 in Thick, for a quarter section corner.
6.50 To the right bank of the West Margin of the great Nimaha river comes from the N. E. and flows S. E.
7.00 Second river on the right bank bears N. E and S. W.
8.00 Set a Limestone 20 Long 10 in Wide and 3 in Thick for a corner to Sections 2. 3. 10. and 11. Sand level bottom Soil 1st Rate. A belt of timber on banks of river. Consisting of Oak Elm, Sycamore, Walnut, Maple and Cottonwood.

19th mile

East on a random line between Sections 2 and 11.
Variation 11° 15' East.

3.00 Enter Hazel Brush, and small Timber bears N. and S. W.
6.00 The right bank of the Great Nimaha river bears N. and S. W.
7.00 The left bank of river. Water clear 3 ft deep 1.00 Chs wide, banks 25 ft high.
7.45 Intersected at a post with bearing trees Meander corner to fractional sections 2 and 11 from which cor. I run. West on a true line between sections 2 and 11.
Variation 11° 15' East
7.45 The corner to Sections 2 3. 10 and 11. Sand level bottom, does not overflow, Soil 1st Rate. Timber, Oak, Elm and Cottonwood, underbrush, hazel and vines.

83/30

Fractional T. 1 N. Range 15 E. of the 5th P. M. N. S.

Chains

North on a random line between Sections 2 and 3. 20th mile
Variation 11° 18' E.

11.00 To the right and south bank of the Great Nimaha river (water edge) Banks 25 ft high water 3 ft deep, course S. E.
12.08 Left bank at water edge by measurement.
12.50 Intersected at a post Meander corner to fractional Sections 2 and 3. from which corner I run South on a true line between Sections 2 and 3. Variation 11° 18' East
12.50 The corner to Sections 2 3. 10 and 11. Sand level bottom. Soil 1st rate. A narrow belt of timber on bank Consisting of Elm, Sycamore and Maple.

West on a random line between Sections 3 and 10. 21st mile
Variation 11° 08 East

5.00 Enter timber, bears N. and S. W.
33.57 Right bank of the Great Nimaha river at water edge. course N. E. Banks 25 ft high.
34.70 Left bank by Measurement.
35.27 Intersected 5 Chs N. of a post Meander corner to fractional Sections 3 and 10 from which corner I run. East on a true line between Sections 3 and 10. Variation 11° 10' East.
35.27 The corner to Sections 2. 3. 10 and 11. Sand level bottom does not overflow. Soil 1st rate, Timber, Oak, Elm, Hackberry, Mulberry, Hickory, Maple and Cottonwood, Undergrowth the same. Hazel and vines.

Map page 31

Fractional T. 1 N. Range 15 E of the 5th P. M. N. S.

20th mile

Chains

July 29th 1863.

The line between Sections 10 and 15 will strike the river in less than 80 chs I therefore run West on a random line between Sections 10 and 15. Variation 11° 20' East.

34.00 A road bears N. W. and S. E.

20.00 A Grove of Oak timber 5 chs S. of this point about one acre in a circular piece

40.00 Set a temporary quarter Section corner

41.00 Enter bottom Prairie bears S. W. and N. E.

52.00 A road bears N. and S.

56.00 Enter timber bears N. and S.

59.80 To the right bank of the Great Nemaha river.

60.20 Water edge comes from the S. E. and flows N 30° W.

60.50 Left bank at water edge 40 lks wide by measurement, water clear, 1 foot deep rapid current. E. bank 25 ft high.

61.40 Intersected 3. lks N. of An Elm tree 25 in. Diam. marked for Meander cor. to fractional Sections 10 and 15 from which corner I run, East on a true line between Sections 10 and 15.

Variation 11° 21' East

21.40 Set a limestone 20 in Long 12 in Wide and 3 in Thick. for a quarter Section corner.

61.40 The corner to Sections 10. 11. 14 and 15. Land east 41 chs high river bluff with surface Limestone. Soil 2d rate West 20 chs level bottom rich Soil 1st Rate. Timber Oak Elm, Cottonwood, Hackberry, and Walnut. Undergroth the same and brass.

July 30th 1863.

Fractional T. 1. N. Range 15. E of the 5th P. M. N. S.

Chains.

North between Sections 33 and 34. Variation. 11° 12' East. 28th mile

40.00 Set a Limestone 16 in Long 16 in Wide and 3 in. Thick, for a quarter Section corner.

80.00 Set a Limestone 20 in. Long 10 in. Wide and 5 in Thick for a corner to Sections. 27. 28. 33 and 34. Land High, Rolling and Dry Prairie Soil 1st Rate.

East on a random line between Sections 27 and 34. 27th mile

Variation. 11° 10' East.

40.00 Set a temporary quarter section Cor.

79.80 Intersected the N and S line 13 Lks N. of the corner to Sections 26. 27. 34 and 35. from which corner I run, West on a true line between Sections 27 and 34.

Variation. 11° 04' East.

39.90 Set a limestone 18 in. Long 18 in. wide and 3 in. Thick. for a quarter section corner

79.80 The corner to sections 27. 28. 33 and 34. Land High, Rolling Prairie.

Soil 1st rate.

North between Sections 27 and 28. 25th mile

Variation. 11° 17' East.

40.00 Set a Limestone 18 in Long 14 in Wide and 3 in. Thick, for quarter section corner.

67.00 A branch course N. E.

77.00 A branch course E.

25th mile continued

Chains

80.00 Set a Limestone 18 in Long 10 in Wide and 5 in Thick for a corner to sects. 21. 22. 27. and 28. Land High Rolling Prairie. Soil 1st Rate.

East on a random line between Sections 22 and 27. Variation. 11° 1/4 E.

26th mile

10.00 Enter timber bears N 20° E and S 20° W.
13.00 A Creek 10 Lks wide course N 10° E.
16.50 Leave timber bears S and N. E.
40.00 Set temporary quarter section cor.
42.00 A creek 10 Lks wide course N. enter timber at this point
45.00 Leave timber and enter Prairie bears N and S.
80.12 Intersected the N. and S. line 7 Lks N. of the corner to Sections. 22. 23. 26 and 27. from which corner I run West on a true line between Sections. 22 and 27. Variation. 11° 11' East.

4.06 Set a Limestone 2 in Long 1 1/2 in. Wide and 3 in Thick for a quarter section corner.
80.12 The corner to Sections 21. 22. 27 and 28. Land Rolling and Bluffy. Surface Limestone. Soil 2nd Rate. Timber small Oak, Hickory, Elm, Ash and Lynn. Undergrowth the same Plum, Hazel and Grape vines.

North between Sections 21 and 22. Variation. 11° 15' East.

27th mile

13.00 Enter timber bears E and W.
15.00 A small circular Grove of Burr Oak,

to Page 34

Chains timber 7 Chs. west of line about 2 acres in grove
40.00 Set a Limestone 17 Long 13 in Wide and 3 in Thick for a quarter sect. corner.
45.00 A Ravin course N. E.
70.00 A Ravin course N. E.
80.00 Set a Limestone 22 in Long 10 in. Wide and 5 in thick for a corner to Sections 15. 16. 21 and 22. Timber small mostly Oak and Brush. Land High and Rolling Soil 1st Rate.

East on a random line between Sections. 15 and 22. Variation. 11° 0' East

25th mile

5.00 A road to Salem bears N 15° East.
15.00 Enter timber bears N. 25° E
19.00 A Creek 15 Lks wide course N.
30.00 Leave timber bears N. E and S.
40.00 Set a temporary quarter Section Cor.
45.30 Enter timber bears N. W and S. E.
54.00 A creek 15 Lks wide course N. W.
55.00 A creek 15 Lks wide course S. W.
58.00 Same Creek 15 Lks wide course N. W.
64.00 Leave timber bears N and S.
80.25 Intersected the N and S. line 12 Lks S of the corner to sections 14 & 15. 22. and 23. from which corner I run West on a true line between Sections 15 and 22. Variation. 11° 12' E.

40.12 Set a Limestone 15 in Long 15 in Wide and 3 in Thick for a quarter section corner.
80.25 The corner to Sections 15. 16. 21. and 22. Land rolling and bluffy. Surface Limestone. Soil 2nd Rate.

to Page 35

Fractional T. 1 N. Range 15. E. of the 5th P.M. N. T.

28 mile continued

Chains. Timber good Oak, Elm, Lynn, Hickory, Hackberry, and Walnut. Undergroth Hazel, Plum and Grape vines.

29th mile

North on a random line between Sections 15 and 16.
Variation 11° 15' East.

18.00 Enter Brush and small timber bears S.W. and N.E.
20.00 A branch 20 lks wide flows N.E.
21.50 Leave timber and Brush bears N.E. and S.W.
40.00 A temporary quarter Section corner.
58.00 Enter timber bears S.W. and E.
73.20 The right bank of the great Nimaha river on main bank.
74.12 Waters edge comes from S. 50° W. and flows N. 80. E. water clear 3 feet deep. Muddy bottom. Banks 25 feet high.
75.10 Left banks waters edge
75.50 Intersected at an Elm post with Bearing trees. Meander corner to fractional sections 15 and 16. from which corner I run South on a true line between Sections 15 and 16.
Variation 11° 15' East.

35.50 Set a Limestone 18 in Long 15 in. Wide and 3 in thick, for a quarter sec. corner.
75.50 The corner to sections 15, 16, 21 and 22. Land Rolling Soil 2d rate. Timber Elm, Walnut, Hickory, Hackberry, Oak and Cottonwood of a good quality.

July 31st 1863.

30th mile

North between Sections 32 and 33.
Variation 11° 12' East

Fractional T. 1 N. Range 15. E. of the 5th P.M. N. T.

30 mile continued

Chains

17.50 Cross head of small prairie Creek 10 lks wide course S.E.
40.00 Set a Limestone 17 in Long 11 in Wide and 3 in thick for a quarter Sec. Cor.
80.00 Set a Limestone 24 in Long 8 in Wide and 4 in thick for a corner to Secs. 28, 29, 32 and 33.
Land High and Rolling Prairie
Soil 1st rate.

East on a random line between Sections 28 and 33. 31st mile
Variation 11° 07' East.

40.00 Set a temporary quarter Section Cor.
80.00 Intersected the N. and S. line 20 lks S. of the corner to Sections 27, 28, 33 and 34 from which corner I run West on a true line between Sections 28 and 33.
Variation 11° 18' East.

40.00 Set a Limestone 20 in Long 14 in. Wide and 4 in thick for a quarter Section corner.
80.00 The corner to Sections 28, 29, 33 and 33.
Land High and Rolling Dry prairie
Soil 1st Rate

North between Sections 28 and 29. 32 mile
Variation 11° 12' East.

40.00 Set a Limestone 18 in Long 15 in Wide and 4 in thick for a quarter Section corner.
67.20 A road bears N.E. and S.W.
80.00 Set a Limestone 22 in Long 12 in Wide and 4 in thick for a corner to Sections 20, 21, 28 and 29.
Land High and Bluffy, Surface Limestone.
Soil 2d Rate.

Fractional T. 1 N. Range 15. E of the 5th P. M. N. S.

33rd mile Chains East on a random line between Sections. 21 and 28.
Variation. 11° 15' East.

3.00 A road bears N. E. and S. W.
11.00 Set a temporary quarter Section Cor.
75.20 A Branch 10 Lks wide Course S. E.
79.93 Intersected the N. and S. line 7 Lks South of the Corner to Sections. 21. 22. 27. and 28. from which Corner I run. West on a True Line between Sections 21 and 28.
Variation. 11° 18' East.

30.95 Set a Stone Stone 17 in. Long 15 in Wide and 3 in thick for a quarter Section Corner
79.93 The Corner to Sections 20. 21. 28 and 29. Sand High, Rolling Prairie
Soil 2d Rate.

34th mile North between Sections 20 and 21.
Variation. 11° 15' East.

40.00 Set a Limestone 18 in Long 12 in. Wide and 4 in thick. for a quarter Section Corner.
80.00 Set a Limestone 20 in Long 8 in Wide and 4 in. thick. for a Corner to Sections 15. 17. 20 and 21. Sand High. Rolling Prairie
Soil. 1st Rate.

35th mile East on a random line between Sects 15 and 21.
Variation. 11° 15' East.

21.00 Enter timber bears N. E. and S. W.
22.50 A Branch 10 Lks wide course N. E.
27.00 Leave Timber bears N. E. and S. W.
30.00 Enter Hazel Brush bears N. E. and S. W.
40.00 Set temporary quarter Section Corner.
67.00 A Branch 10 Lks wide Course. N. E.
68.00 Leave Brush bears N. and S. W.
80.28 Intersected the N. and S. line 73 Lks

Fractional Township 1 N. Range 15. E. of the 5th P. M. N. S.

35th continued

Chains north of the Corner to Sections. 15. 16. 21. and 22. from which Corner I run. West on a true line between Sections 16 and 21.
Variation 10° 44'. East.

40.44 Set a Limestone 21 in Long 10 in Wide 4 in thick. for a quarter Section Cor.
80.28 The Corner to Sections. 16. 17. 20. and 21. Timber small Oak. Elm. and Brush Sand High and Rolling Soil 1st Rate

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North between Sections 16 and 17. 36th mile
Variation. 11° 12' East.

3.00 Enter Timber bears. N. 45° E.
6.00 The right Bank of Rock Creek course N. E.
6.40 Left Bank water 40. Lks wide clear 3 ft. Deep. Enter bottom Sand on Left bank of Creek.
11.00 Leave timber bears N. E.
32.50 A road bears N. E. and S. W.
40.00 Set a limestone. 19 in Long 12 in Wide and 4 in thick. for a quarter Section Cor.
43.00 Leave Bottom Bears E. and W.
70.00 Leave Upland Bears. S. E. and N. 80° W.
80.00 Set a limestone 20 in. Long 10 in Wide and 8 in thick. for a Corner to Sections 8. 9. 16. and 17.
Sand Bottom. and Gently Rolling Prairie. Soil 1st rate. fine for farming Timber. Oak. Elm. Maple. Hickory and Walnut of a good quality

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East on a random line between Sections. 9 and 16. 37th mile
Variation. 11° 15' E.

40.00 Set temporary quarter Section Corner.
40.20 A road bears N. E. and S. W.
54.50 To the Right Bank of the Minnaha River.
55.00 Water Edge, Enter River, comes from the N. W. and S 20° E.
60.00 Leave River on Right Bank course N. E.

Fractional T. 1 N. Range 15 E. of the 6th P. M. N. T.

37th Mile Continued

Chains

Right Bank of the Nimaha River again at water S. Edge, comes from the N 10° E. and flows S 20° W.

67.80 Left bank 80 Lks wide, 4 ft deep, Banks 25 Feet high

68.20 Intersected at a point 3 Lks South of a Post with Bearing Trees for Meander corner to fractional Sections 9 and 16. from which corner I run, West on a True Line between Sections 9 and 16.

Variation 11° 15' E.

28.20 Set a Limestone 20 in Long 12 in Wide and 4 in Thick, for a quarter section corner.

68.20 The Corner to Sections 8. 9. 16. and 17. Land level bottom. Soil 1st Rate. A Belt of Timber on River Banks, consisting of Sycamore, Elm, Oak Ash, Walnut and Maple of a good quality

38th Mile

West on a random line between Sections 8 and 17. Variation 11° 15' East.

30.00 A Slough bears N. by N. W. and S. W.

32.50 Leave Slough, Enter Hazel Brush and Scattering timber bears N. W. and South.

36.40 Right Bank of River comes from the South, and flows North soon N. W.

37.30 Waters edge, Banks 25 ft high. Water clear 18 in deep

37.70 Left Bank at waters Edge.

38.00 Intersected at a Maple Tree 28 in Diam. Marked for a Meander Corner to fractional Sections 8 and 17.

Land Level Bottom does not overflow, Soil black and rich, of a fine quality. Timber good consisting of Burr, Oak, Elm, Walnut, Hickory, Ash and Maple. Undergroth, Hazel, Green Briars and Grape vines.

Fractional T. 1 N. Range 15 E. of the 6th P. M. N. T.

Chains

39th Mile

North a random Line between Sections 8 and 9.

Variation 11° 20' East.

39.00 The right bank of the Great Nimaha river, course E.

40.00 Waters edge, bank 20 ft high.

40.80 Left bank, waters edge, clear water 18 in deep.

41.60 Intersected at an Ash Post with Bearing Trees ~~xxx~~ for Meander Corner to fractional Sections 8 and 9. from which corner I run, South on a true Line between Sections 8 and 9.

Variation 11° 20' E.

1.60 The point for quarter Section corner falls under the Bank of the river, I therefore Mark this post a witness corner to the True Point for quarter Section Corner.

41.60 The corner to Sections 8. 9. 16 and 17. Land Level Bottom. Soil 1st Rate. A narrow belt of timber on bank of river consisting of Elm, Maple and Brush

August 1st 1863.

40th Mile

North between Sections 31 and 32.

Variation 11° 13' East.

40.00 Set a limestone 20 in Long 16 in wide and 3 in Thick for a quarter Section Corner.

45.00 A ravine flows N. W.

55.00 A ravine flows N. W.

80.00 Set a Limestone 20 in Long 12 in wide, and 5 in thick for a corner to Sections 29. 30. 31. and 32.

Land S. ½ Level Prairie, Soil 1st rate. N. ½ Broken, Soil 2d rate.

Chains

41st mile

East on a random line between Sections 29 and 32.

Variation 11° 0'

40.00 Set a temporary quarter Sec. Cor.
42.00 A Road bears N. 30° E. and S. 30° W.
80.02 Intersected the N. and S. line 30 lks south of the corner to Sections 28, 29, 32 and 33. from which corner I run West on a true line between Sections 29 and 32.

Variation 11° 20' East.

40.00 Set a Sandstone 15 in Long 15 in Wide and 3 in thick for a quarter Section corner.
80.02 The corner to Sections 29, 30, 31 and 32. Land High, Rolling Prairie, Soil 1st Rate

43rd mile

West on a random line between Secs 30 and 31.

Variation 11° 20' East.

3.00 A Branch 5 lks wide flows N. W. A point of Timber on Creek about 5.00 chs N. W. of this point
40.00 Set a temporary quarter Section corner
40.25 A Branch 5 lks wide clear running water flows N. W. a point of timber 50 lks North of line on Banks
80.20 Intersected the West boundary of the Township, 28 chains North of the Corner to Sections 2, 5, 29, 31, and 30 from which corner I run East on a true line between Sections 30 and 31.

Variation 11° 22' East.

40.20 Set a Sandstone 14 in Long 3 in Wide and 3 in Thick, for a quarter Section Corner
80.20 The Corner to Sections 29, 30, 31 and 32. Land rather Bluffy Surface Lime Stone, Soil Good 2d Rate

Chains

44th mile

North between Sections 29 and 30.

Variation 11° 15' East.

40.00 Set a Sandstone 15 in Long 10 in Wide and 4 in Thick, for a quarter Section corner.
56.00 A drain or water course flows N. W.
80.00 Set a Sandstone 15 in Long 12 in wide, and 3 in thick for the corner to Sections 19, 20, 29 and 30. Land High and broken, Surface Sandstone. Soil 2d Rate.

45th mile

East on a random line between Sections 20 and 29.

Variation 11° 15' E.

30.00 A Ravine course N. E.
40.00 Set a temporary quarter Sec. Corner.
45.00 A small Branch 10 lks wide course N. W. A narrow belt of Timber on Banks North of Line.
80.00 Intersected the N. and S. line 12 lks south of the corner to Sections 20, 21, 28 and 29. from which corner I run West on a true line between Sections 20 and 29.

Variation 11° 20' East.

40.05 Set a ~~Lime~~ Stone 15 in Long 10 in wide and 4 in Thick, for a quarter Section corner.
80.00 The corner to Sections 19, 20, 29 and 30, Land Broken and Bluffy Surface, Sandstone. Soil 2d rate.

46th mile

West on a random line between Sections 19 and 30.

Variation 11° 15' East.

Fractional T. 1. N. Range 15. E. of the 6th P. M. N. T.

46th m. continued

Chains.

22.00 A small Branch Course N. W. Scattering timber and Brush on Banks

34.80 Right Bank of Rock Creek Course N 25° East

35.25 Left Bank of Creek 45 Lks wide. Water clear. 2 ft deep.

37.25 Leave timber and Brush bears N. and S.

40.00 Set temporary quarter Section corner.

80.05 Intersected the West Boundary of the Township. 37 Lks north of the corner to Sections, 19. 24. and 25. 30. from which corner I run. East on a ~~random~~ true line between Sections. 19. and 30.

Variation. 11° 31' East. ✓

40.05 Set a Limestone, 20 in Long 12 in Wide and 3 in thick, for a quarter Section Cor.

80.05 The corner to Sections, 19. 20. 29. and 30. Land High Rolling Prairie Soil 1st Rate.

47th mile

North between Sections. 19 and 20.

Variation. 11° 12' East.

22.00 A Ravine course N. W.

31.00 Enter timber bears E and W.

32.50 The right bank of Rock Creek course N 70° East. Enter Bottom Land bears with Creek.

32.90 Left bank of Rock Creek 40 Lks wide.

39.00 Leave timber and Enter prairie bears N. W. and E.

40.00 Set a Limestone 17 in. Long 15 in Wide and 3 in. thick for a quarter Section Corner.

63.00 A road bears N. E. and S. W.

64.00 Leave Bottom bears E and W.

80.00 Set a Limestone 18 in Long 14 in Wide and 4 in Thick for a corner to Sections 17. 18. 19 and 20. Land south of Rock Creek. a high Bluff. with Surface

Fractional T. 1. N. Range 15. E. of the 6th P. M. N. T.

47th mile

Chains. limestone, Soil 2d rate. North of Creek level and undulating. Soil 1st rate. Timber good Oak. Elm. Walnut and Hickory. Undergroth the same, Briars and Grape vines. ✓

East on a random line between Sections 17. and 20. 48th mile

Variation. 11° 05' East.

17.00 Enter bottom Land bears. N. E. and S. W.

30.00 A road bears. N. 60° E. and S. W.

40.00 Set a temporary quarter Section cor.

50.00 Enter Hazel Brush and Plum bears N. E. and S. W.

60.00 Enter timber bears N. E. and S. W.

62.00 The left bank of Rock Creek course N. E.

62.50 The right bank of Rock Creek 50 links wide

65.00 Rock Creek again Course S. E. 50 lks wide

70.00 Rock Creek again Course N. E. 50 lks wide

72.00 Leave Timber bears N 60° E Leave Bottom at this point Bears N. E. and S. W.

79.96 Intersected the N. and S line 40 lks S of the corner to sections 16. 17. 20 and 21 from which corner I run West on a true line between sections 17 and 20 Variation 11° 22.

39.98 Set a Lime stone 20 in: long 14 in: wide and 3 in thick for a quarter section corner

79.96 The corner to sections 17. 18. 19. & 20 The centre of the sections is level bottom black rich soil, the East and west corners are high and bluffy soil 2d rate. Timber oak elm walnut and Hickory and Hackberry undergrowth the same Hazel grape vines & green briars. Augt. 2. 1883 ✓

West on a Random line between sections 18 & 19 – Variation 11° 12 East. 49th mile

11.00 A Road bears N. W. and S. E.

Tp. 1 N. of R. 15 E. of 6th P.M. N.T.

Chains

40.00 Set temporary quarter Section corner
80.00 I intersected the West boundary of the Township 16 lks North of the corner to Section 13. 18. 19 and 24 from which corner I run
East on a true ~~meridian~~ line
between Secs: 18 & 19.
Variation 11° 19 East
40.00 Set a line stone 18 in. long 16 in. wide & 3 in: thick for a quarter Sec: corner
80.00 the corner to Secs: 17. 18. 19 and 20.
Land high rolling prairie soil 1st rate.

50th mile North on a random line between Secs: 17 & 18 — Variation 11° 17 East.
40.00 Set temporary quarter Sec: corner
Pass grove of oak Timber in S. E. qr of Sec: 18 about an acre each 12 chains West of line.
40.50 A Ravine course N. E.
50.00 Enter Timber bears E and W.
56.00 Right bank of the great Nemaha river at waters edge course from N 80° W. and flows E
57.80 Left bank at waters Edge clear water muddy bottom
58.00 Intersected at a post with bearing trees meander corner to fractional sections 17 and 18 from which corner I run South on a true line between sections 17 & 18
18.00 Set a line stone 20 in: long 15 in: wide and 3 in: thick for a quarter section corner
58.00 The corner to sections 17. 18. 19 and 20 land high rolling and broken soil 2d rate. Timber Oak Elm Walnut Ash Maple and Hackberry of a good quality

51st mile East on a Random line between sections 7 and 18
Variation 11° 14 East

51st mile continued

7.00 A small branch with a narrow belt of Timber on banks flows South heads about 5 chs: North of line 3 lks wide
13.00 Enter Timber bears N. 80° E and S. 80° W
15.00 a branch 15 lks wide course N.E.
18.00 same branch 15 lks wide course S. E.
25.00 same branch 15 lks wide course N. E.
29.00 same branch 15 lks wide course South
39.00 Enter a heavy body of Timber mostly south of the line about 25 chs. wide bears N & S.
40.00 Set temporary quarter section corner enter bottom land at this point bears N.E. and South
51.00 leave timber bears S. 80° East & N. W.
61.00 Enter timber bears N. and S. 80° West
72.75 Right bank of the great Nemaha river
73.70 waters Edge courses from the N. W. and flows S. 40° E. Banks 25 feet high water clear 3 feet deep.
74.40 The left bank at waters Edge
74.60 intersected at an Ash Tree 9 in dia, marked for meander corner to fractional sections 7 and 18 which corner I run West on a true line between sections 7 and 18. Variation 11° 14 E.
34.60 Set a line stone 22 in long 10 in wide & 3 in thick for a quarter section corner from which an Oak 8 in: in Diam: bears S. 45° E. 63 lks Dist No. tree near in sect. 7.
74.60 The corner to sections 7. 12. 13 and 18 Land West 40 chs: high rolling prairie soil 1st rate East 35 chs level bottom soil 1st rate. Timber oak Elm Ash Cottonwood Hickory and Walnut
Sept 2 1863.

General Description.
The quality of land in this fractional township is considerably

above the common average. There is a very fair proportion of rich bottom land on the south side of the great Niimaha river. The uplands are rolling and sometimes bluffy of 1st & 2nd rate land. Rock creek is a beautiful stream of clear water running diagonally through the township entering in section 30 and emptying into the great Niimaha river in section 16. There is a narrow bottom on the west side of this creek of fine land. Timber chiefly Oak Elm Walnut Hickory Hackberry and Maple with some Cottonwood and Ash. The town of Salem is a place of quite rapid growth & on the north side of the river in section 9. It now contains 30 or 40 houses and has the appearance of a thrift & prosperity.

List of Names.

A list of the individuals assisted in running measuring or making the lines and corners described in the forgoing field notes of fractional Township 1 North of Range 16 East of the 6th principal Meridian showing the respective capacities in which they acted.

Rc. G. Fitzgerald	Chainman
Wm. M. Holt	"
S. M. Hardenburgh	Axman & Cornerman
Wm. Sears	Flagman
Andrew J. Angell	Compassman

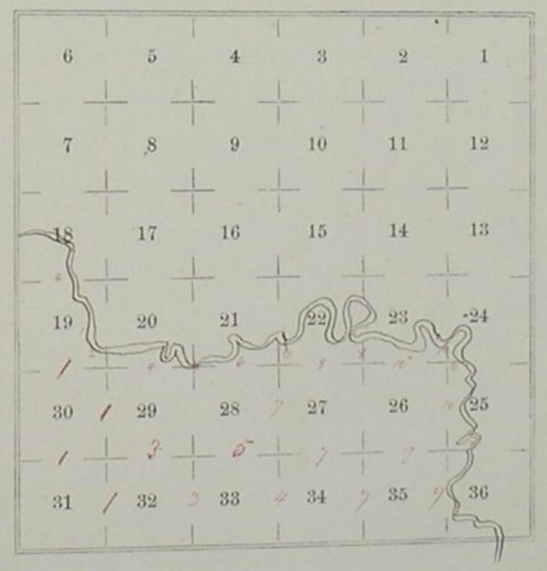
Field Notes
of the
Survey of the Subdivisional lines of fractional Township 1 North of Range 16 East of the 6th principal Meridian as surveyed by Thomas Osborn under his Contract No. with Indian Department Dated 1866.

Subdivision Commenced July 24/66
" Completed July 27/66

Names and duties of assistants

William W. Holt Chainman
Richard Fitzgerald "
William Sears Flagman
Samuel Hardenbrugh Cornerman
Andrew J. Angell Compassman

Township 17 R. 16 E



Fractional Township 1. North of Range 16 East of the 6 P.M.
N.T.

Chains

July 24. 1863.

On running the range line between Ranges 15 & 16 I find the adjustment of my compass for subdividing this Township to be a
Variation of 11° 10' East.

North between sections 31 and 32
Variation 11° 10' East.

40.00 Set a lime stone 17 in long 11 in wide & 3 in thick for a quarter section corner.

60.00 A road bears N.E. and S.W.

80.00 Set a lime stone 18 in long 14 in wide and 4 in thick for a corner to sections 29. 30. 31 & 36
Land high rolling Prairie soil 1st rate.

West on a random line between sections 30 and 31. Variation 11° 10' East.

40.00 Set temporary quarter section corner

79.97 Intersected the West boundary of the Township 35 lks south of the corner to sections 25, 30, 31 & 36 from which corner I run East on a true ~~meridian~~ line between sections 30 & 31 Variation 10° 55' East

39.98 Set a lime stone 15 in long 14 in wide and 4 in thick for a quarter section corner.

79.97 The corner to sections 29 30 and 36 and 31
Land undulating prairie soil 1st rate

North between sections 29 and 30
Variation 11° 10' East.

40.00 Set a lime stone 16 in long 15 in wide & 5 in thick for a quarter section corner

80.00 Set a lime stone 18 in long 14 in wide and 4 in thick for a corner to sections 19. 20. 29 & 30.
Land high and ~~Variation 11° 10' East~~ dry undulating prairie soil 1st rate.

West on a random line between sections 19 & 30
Variation 11° 00 East

40.00 Set temporary quarter section corner

79.98 Intersected the W. boundary of the Township 7 lks south of the Quantifications 19 & 25 & 30 from which corner I run

East on a true line between sections 19 & 30
Variation 10° 57' East

39.99 Set a limestone 14 in long 14 in Wide & 4 in thick for a quarter section corner.

79.98 The corner to sections 19. 20. 29 and 30. Land high rolling prairie soil 1st rate.

North between sections 19 and 20 on a random line
Variation 11° 10' East

27.50 Enter Timber bears S.E. & W. and N.W.

30.00 Enter Minaha river bottom bears E and W.

31.00 A small Creek 10 lks wide course N.E.

40.00 Set a post for temporary quarter section corner

60.00 The right bank of the great Minaha River comes from the N.W. and flows S. 16° E water clear gentle current 3 feet deep

60.45 Waters Edge

61.10 Left Bank of river

61.44 To a point 19 lks East of a Maple tree 16 in diam marked pr meander corner to fractional sections 19 & 20 from which corner I run South on a true line between sections 19 & 20
Variation 11° 16' East.

21.42 Set a post for quarter section corner from which a White Oak 18 in Dia bears N 23° 30' East 80 lks dist. a White 12 in Dia bears N 20° W 26 lks dist.

61.42 The corner to sections 19, 20. 29 and 30 Land South of high dry prairie with surface limestone soil 2nd rate North of level bottom Timber land of a good quality consisting of Oak Elm Walnut Bass Elder and Cottonwood, Undergrowth hazel Briars and Grape vines soil 1st rate a fine farm on N. Side of the river in section 20.

East on a random line between sections 18 & 19
Variation 11° 05' East.

40.00 Set temporary quarter section corner

50.00 Enter timber bears N & S.

53.00 Right bank of the great Minaha River comes from N 30° W and flows S. E.

54.50 Left bank by measurement water clear 2 ft deep banks 25 ft.

55.10 To a point 9 lks South of a post corner to fractional sections 18 and 19 from which corner I run West on a true line between sections 18 and 19
Variation 11° 35' East

15.10 Set a limestone 14 in long 14 in Wide and 4 in thick for a quarter section corner.

55.10 The township corner to sections 13 18 19 & 24 Land level bottom does not appear to overflow soil black and rich 1st rate Timber Oak Elm Walnut & Maple.

North between sections 32 and 33.
Variation 11° 10' East

40.00 Set a limestone 17 in long 12 in wide and 4 in thick for a quarter section corner.

77.00 A prairie creek 5 lks wide flows E comes from N.W.

80.00 Set a limestone 18 in long 14 in wide & 4 in thick for a corner to secs: ~~27 & 28~~ 28 & 29. 32 & 33. Land nearly undulating prairie soil 1st rate.

West on a random line between secs 29 & 32
Variation 11° 10' E.

40.00 Prairie Creek 4 lks wide course S.E.

37.00 Prairie Creek 4 lks wide course N.E.

40.00 Set temporary quarter section corner

48.00 A road bears N.E. and S.W.

80.06 To a point 33 lks south of the corner to secs: 29. 30. 31 and 32 & from which I run East on a true line between Secs: 29 & 32. Variation 10° 56' E.

40.03 Set a limestone 15 in long 14 in Wide & 4 in thick for a quarter Sec: Corner

80.06 The corner to secs: 28. 29. 32 and 33. Land high rolling prairie soil 1st rate — July 25 1883

North between secs 28 & 29. Variation 11° 10' E.

40.00 Set a limestone 15 in long 14 in Wide & 4 in thick for a quarter section corner

41.00 A road bears N.E. and S.W.

80.00 Set a limestone 20 in long 15 in Wide and 3 in thick

for a corner to Sections 20. 21. 28 and 29.
Land high gently rolling prairie, Soil 1st rate

West on a random line between sections 20 & 29
Variation 11° 20' E.

4.00 Enter Brush and small timber bears N and S.
5.50 A prairie creek 7 lks wide course north
7.00 Leave brush and timber enter prairie bears N & S.
40.00 Set temporary quarter Section Corner
80.04 intersected the N and S line 37 lks S of the Corner to Sections 19. 20. 29 and 30 from which corner I run
East on a true line between sections 20 & 29
Variation 11° 04' East
40.02 Set a stone 6 in long 14 in wide & 4 in thick for a quarter section corner.
80.04 The corner to sections 20. 21. 28 and 29
Land high rolling prairie, surface stone plenty Soil 2nd rate

North on a random line between sections 20 & 21
Variation 11° 15 East
3.00 Mascoigues House (Indian Chief) 3.00 chs East of the line, a fine spring of pure water 2 chs West of line
9.10 Left & South bank of the Great Omaha River a belt of Timber on bank of Creek bears E & S.W.
10.00 Water edge comes from the W.N. and flows N.E. water clear 2 ft: deep running swift.
11.17 Left bank waters edge
11.47 To a point 46 E of a Post Corner to fractional sections 20 & 21 from which corner I run South on a true line between Sections 20 & 21.
Variation 11° 35' East
11.47 The Corner to sections 20. 21. 28 and 29
Land high rolling Prairie soil 2nd rate
Timber Oak Hickory & Sycamore on Banks

North between sections 33 and 34
Variation 11° 18' East.
3.00 A road bears N 8° W.
9.25 A road bears N 15° E
40.00 Set a stone stone 18 in long 15 in wide and 4 in thick for a quarter

section corner.
80.00 Set a limestone 18 in long 14 in wide and 4 in thick for a corner to Section 27. 28. 33 and 34.
Land high rolling prairie soil 1st rate.

West on a random line between sections 28 and 33
Variation 11° 00 East.
35.00 Enter brush and small timber bears N. 10. E and S. W.
38.50 Leave brush enter narrow point of prairie bears N. and S. W.
40.00 Set a post for temporary quarter section corner
45.00 Enter timber bears N 10° E and S 10° W.
48.00 Pony Creek 40 lks wide course N. 20° E water 6 in deep clear muddy bottom.
50.00 Leave timber bears N 10° E and S 10° W.
80.38 Intersected the North & South line 60 lks South of the Corner to Sections 28. 29. 32 and 33, from which corner I run
East on a true line between sections 28 & 33
Variation 10° 34' East
40.19 Set a limestone stone 16 in long 14 in wide & 3 in thick for a quarter section corner.
80.38 The Corner to Sections 27. 28. 33 and 34.
Land rolling prairie soil 1st rate.
Timber Oak Elm and Maple and under growth Hazel and Vines (a narrow bottom on Creek)

North between sections 27 and 28
Variation 11° 15 East
7.00 A small dry branch flows N 10° E
13.00 Enter timber & brush bears ~~N.E~~ W and N.E.
13.00 Enter Creek bottom land bears N.E. and W.
25.00 Pony Creek 60 lks wide flows ~~South~~ from N 80 W and flows E water clear 3 ft deep muddy bottom banks 10 ft high.
27.50 Enter Pony Creek comes from N. 5° E flows S.W.
30.00 Leave Pony Creek bears N 30° E and S 5° W.
34.75 Cross Pony Creek 50 lks wide comes from W and flows S. 10° E. water clear 3 ft deep
40.00 Set a limestone stone 16 in long 15 in wide & 4 in thick for a quarter section corner.

49.75 Enter Corn field bears S. 70° E and N 70° W.
72.00 Leave Corn field bears N 30° E and S 30° W.
73.00 Road bears N 30° E and S. 30° W.
75.00 N.W. Corner of the field 2 chs East of this point
76.00 Cross a road bears N 70° W and S 70° E,
80.00 Set a line stone 18 in long 14 in Wide & 3 in thick for Corner to sections 21. 22. 27 and 28. Land mostly level bottom soil 1st rate Timber on long Leafs Oak Elm & Walnut underprowth the same Grapevines Prickly Ash and green briars.

West on a random line between Secs: 21 & 28
Variation 11° East

2.00 Leave bottom bears N.W. and S.
3.00 a Road bears N 85° W.
5.00 a Road bears S 80° W and N 80° E.
40.00 Set temporary quarter section Corner.
61.00 a Road bears N. 85 W and S. E.
77.01 Massiquoit bend 3 chs West of this point
80.05 intersected the N. and S line 80 lks South of the Corner to sections 20. 21. 28 and 29. from which Corner I run
East on a true line between Secs: 21 & 28.
Variation 10° 25' East.
40.02 Set a line stone 17 in long 13 in Wide and 3 in thick for a quarter section Corner.
80.05 The Corner to Sections 21. 22. 27 and 28.
Land high level Prairie soil 1st rate
July 26. 1863.

North on a random line line between Sections 21 and 22. Variation 11° 10' East.
11.00 a Slough bears N. E. and N. W.
20.00 Leave Slough bears N. 45° E and S. 20° W.
30.00 Enter brush bears E and W.
31.00 Enter Timber bears E and W.
36.50 To East margin of Maniaha river bears S. W and N. 30° W.
40.00 Set a temporary quarter section corner
44.00 Right bank of Maniaha river
44.80 Waters Edge comes from W and flows S. 20° E.

45.67 Left bank Waters Edge
45.90 To a point 19 lks East of a point first Corner to fractional sections 21. and 22 from which Corner I run South on a true line between sections 21 and 22.
Variation 11° 8' East.
5.90 Set a Walnut Post for a quarter section Corner from which a Walnut 6 in Dia bears S 84° 30' W 15 lks dist. an Elm 24 in Dia. bears S 49° E 15 lks dist.
45.90 The Corner to sections 21. 22. 27 and 28.
Land level bottom soil 1st rate.
Timber Oak Elm Ash Walnut and Hackberry of a good quality.

North between sections 34 and 35
Variation 11° 10' East
3.00 Prairie Creek 10 lks Wide Clear water Course E.
40.00 Set a limestone 16 in long 15 in Wide and 4 in thick for a quarter section Corner
77.00 a Road bears N 20° W and S 20° E.
80.00 Set a line stone 18 in long 16 in Wide and 3 in thick for Corner to Sections 26. 27 34 & 35.
Land high rolling Prairie soil 1st rate

West on a random line between sections 27 and 34
Variation 11° 00' East.
1.50 Cross road bears N. 20° W.
14.00 Cross road bears N. and S.
20.00 a Ravine flows N.W.
40.00 Set Temporary quarter section Corner
79.78 Intersected the North and S line 12 lks S of the Corner to Sections 27. 28. 33 & 34 from which Corner I run
East on a true line between sections 27 and 34
Variation 10° 55' East.
39.98 Set a line stone 17 in long 15 in Wide and 4 in thick for a quarter section Corner.
79.78 The Corner to Sections 26. 27. 34 and 35
Land High rolling Prairie soil 1st rate.

North between sections 26 and 27
Variation 11°05' East

40.00 Set a lime stone 17 in long 15 in wide and 4 in thick for a quarter Section Corner.
62.00 An Indian house Petrokemaris and Moless living in the House 30 chns W of the line
69.00 E enter scattering timber bears N.E. & S.W.
70.00 a branch 10 lks wide flows N.W.
80.00 Set a lime stone 20 in long 14 in wide and 3 in thick for a corner to Sections 22.23.26 and 27. from which a Burr Oak 8 in Dia. bears S. 60° E 50 lks Dist.
a Burr Oak 6 in Dia. bears N 50° E. 46 lks Dist.
a Black Oak 14 in Dia. bears N. 41° W. 49 lks Dist
No Trees Convenient to mark in section 27
Land high rolling Prairie soil 2nd rate.
Timber Oak Hickory Elm & Walnut of a good Quality.

West on a random between sections 22 & 27
Variation 11°00 East.

3.50 Pony Creek 60 links wide flows N.
4.00 Enter bottom on West Side of Creek.
14.00 Leave Timber bears N 20° E & S 20° W Sun West
18.60 a Road bears N and S.
36.50 a Road bears N E. and S.W.
37.00 Enter Joseph Tysons yard bears N and S.
40.00 Set Temporary quarter Section Corner (in yard
44.50 Joseph Tysons house a Hewd log) 50 lks S of the line.
45.10 Leave J. Tysons yard fence bears N. and S.
70.00 Mike Griffins house (the Sac & Farm House) 6 chs S of the line
79.98 Intersected the N and S line 25 lks N of the Corner to sections 21.22.27. & 28. from which Corner I run
East on a true line between sections 22 and 27
Variation 11°11' East.
39.99 Set a lime stone 18 in long 14 in wide and 4 in thick for a quarter Section Corner
79.98 The Corner to Sections 22.23.26 & 27.
Land mostly level bottom soil 1st rate.

North on a random line between sections 22 & 23

Variation 11°05' East.
5.00 Pony Creek 40 lks wide Course E Soon N.
8.00 Pony Creek 45 lks wide Course N 30° W a coal bank 1.50 chs N.W. of this P.
13.80 Right bank of Nainaha river
14.00 Water's Edge comes from the W. flows N. 80° E.
15.40 Left bank by Measurement Water Clear 10 in Deep runs Swift.
23.80 Left bank again comes from the N.E. & flows S.W.
25.10 Right bank.
36.10 Right bank again comes from the N.W. & flows N.E.
37.60 Left bank to a point 61 lks E. of a Post with bearing Trees
Meander Corner to fractional sections 22 & 23 S on a true line bt Sects 22 & 23. Variation 11°31' East.
37.60 The Corner to sections 22.23.26 and 27.
Land level mostly Timber land consisting of Oak Elm Ash Walnut & Sycamore undergrowth Hazel Grape vines & Briars (July 27. 1883)

North between sections 35 & 36
Variation 11°35' East.

40.00 Set a lime stone 18 in long 13 in wide and 3 in thick for a quarter section Corner
64.00 Enter bottom land, bears N.W. and S.E.
80.00 Set a lime stone 20 in long 14 in wide & 3 in thick for Corner to sections 25.26.35 & 36.
Land mostly gently rolling Prairie soil 1st rate the 16 chs N Level bottom soil 1st rate.

West on a random line between sections 26 and 35
Variation 10°55' East

19.00 Enter upland prairie bears N.E. and S.W.
40.00 Set temporary quarter section Corner
80.01 Intersected the N and S line 25 lks N of the Corner to sections 26.27.34 and 35 from which Corner I run
East on a true line between secs: 26 & 35
Variation 11°06' East

40.00 Set a lime stone 15 in long 15 in wide and 3 in thick for a quarter Section Corner
80.01 The Corner to sections 25.26.35 and 36
Land mostly gently rolling Prairie soil 1st rate.

The line between sections 25 and 36 will strike the South fork of Minaha river (or Walnut Creek) in less than 50 Chains I therefore run it East on a true line between sections 25 & 36

Variation 11° 10' East.

23 00 Enter timber bears N. and S.

25.75 To the left bank of the South fork of the Great Nimaha river or Walnut Creek marked an Elm tree 10 in Dia: for meander corner to fractional sections 25 & 36 from which a black Walnut 24 in Dia: bears N 47° W 25 lks Dist. N other trees near to mark Land level bottom soil 1st rate. Timber Oak Elm & Walnut

North between Sec: 25 and 26

Variation 11° 05 East.

40 00 The point for a quarter section corner falls in a length of deep water course, I therefore set a line stone 15 in long 15 in wide & 3 in thick on S bank of length 30 lks S of the point for quarter section corner

80 00 Set a line stone 18 in long 14 in wide and 4 in thick for a corner to sections 23. 24. 25 and 26 Land level bottom soil 1st rate

West on a random line between sections 23 & 26

Variation 11° 05 East

40.00 Set temporary quarter section corner.

50.00 Leave bottom enter upland Prairie bears N & S. E.

73.00 Enter scattering timber (Burr Oak)

77.00 Branch 5 lks wide course N. W.

80.21 Intersected the N and S line 13 lks W of the Corner to sections 22, 23, 26 and 27. from which corner I run

East on a true line between secs: 23 & 26.

Variation 11° 10' East.

40.10 Set a line stone 16 in long 16 in wide and 2 in thick for a quarter section corner

80.21 The corner to sections 23. 24. 25 and 26. Land W. 30 chs. Highland rolling soil 2d rate E. 50 chs level bottom soil 1st rate.

East on a random line between sections 24 and 25

Variation 11° 05' East

15 00 Enter timber bears N 20° W and S 20° E.

16.30 Right bank of the Great river Nemaha river comes from the N.W. 20° W and flows South 13° E High bank muddy bottom

17.00 Left bank water clear 3 ft deep

17.45 To a point 36 lks S of a Post Corner to fractional sections 24 and 25 from which corner I run West on a true line between sections 24 & 25

Variation 11° 20' East

17.45 The Corner to sections 24. 25. 23 and 26. Land level bottom soil 1st rate but rather wet Timber Oak Elm Lynn Ash Walnut and Maple

North on a random line between sections 23 and 24

Variation 11° 10' East

8.00 The right & S bank of the Great Nemaha river comes from the South 65° W. & flows N. 65° E.

8.15 Waters Edge

9.00 Left bank Waters Edge

10.00 Intersected the line from the North at a Post Corner to fractional sections 23 & 24. Land level Bottom soil 1st rate A narrow belt of timber on Banks of river – Elm and Maple

Evening July 27. 1863

General Description

This fractional township is generally of a fine quality of soil. There is a fair proportion of rich bottom land on the Nemaha and Walnut rivers. The bluffs in the part of secs 21 & E. part of 20 extend to the river. Nemaha falls in in fractional section 21. There is good coal bank in fractional sec: 22 on the E. bank of Long Creek which from appearances will be valuable for fuel when properly developed. There is a fair proportion of timber in this fractional township consisting of Oak Elm Walnut Maple Hickory & Cottonwood of a good quality.

Falls City is a flourishing town of about 500 inhabitants in the North part of this Township & has the appearance of thrift and prosperity.

List of Names.

A list of the individuals employed to assist in running measuring & marking the lines & corners of fractional Township 1 North of Range 16 E of the 6th Principal Meridian, showing the respective capacities in which they acted.

R.G. Fitzgerald	Chainman
Wm H. Holt	Chainman
S. N. Hardenburgh	Axman & Cornerman
Wm Ears	Flagman
A. J. Angell	Compass man

We hereby certify that we assisted Thos A Osborn Deputy Surveyor in surveying the Exterior boundaries and subdivision lines of fractional Townships 1 North of ranges 14. 15 and 16 East known as the Sac and Fox of Missouri Indians Reservation and also in surveying the Boundary and meander lines of the new Reservation and that said Township and Boundary-lines have been in all respects to the best of our knowledge and belief well & faithfully surveyed and the boundary monuments planted according to the printed manual of surveying instructions.

R. G. Fitzgerald Chainman
Wm W Holt Chainman
(Signed) F. W. Hardenburgh Axman & Cornerman
William Sears Flagman
Andrew J Angell Compassman

Subscribed in my presence and sworn to by the above named persons before me this 18th day of August A.D. 1863

John E Blaine
Clerk District Court
in & for Leavenworth County & State of Kansas.

(L.S.)

I Thomas A Osborn Deputy Surveyor do solemnly swear that in pursuance of a contract with Hon W. P. Dole Commissioner of Indian Affairs bearing date the 18th day of June A.D. 1863 and in strict conformity to the laws of the United States and the instructions furnished by the said Commissioner of Indian Affairs, I have faithfully surveyed the exterior boundaries and subdivisions of the Sac & Fox of Missouri Indian Reservation, and also the exterior boundaries of the new reserve of the Sac & Fox Indians as ceded to them by the Iowa tribe of Indians under treaty of March 6th A.D. 1861. and do further swear that all the corner boundaries have been constructed of not less size and dimensions prescribed in the printed manual of surveying instructions dated February 22 1855. marked and conditioned in every respect as therein required, and that the foregoing are the true and original field notes of such survey

(Signed) Thomas A Osborn

Subscribed by said Thos A Osborn Deputy Surveyor, and sworn to before me Clerk of District Court for Leavenworth County, State of Kansas, this 6th day of October A.D. 1863.

John E Blaine
Clerk District Court in and for Leavenworth County and State of Kansas.

Field Notes

of

The Survey of the Boundary line of the Sac and Fox Indian Reservation (Missouri Band) ceded to them under Treaty with the Iowa Indians March 6. 1861.

As surveyed by Thos. A. Osborn under his Contract with the Commissioner of Indian Affairs dated June 13 1863

Survey Commenced Aug. 6. 1863
Survey Completed Aug. 15. 1863.

Names and duties of Assistants

R. G. Fitzgerald Chainman
Wm H Holt Chainman
Samuel W Hardenbergh Axman Tomorman
Wm Sears Flagman
Andrew J Angell Compassman.

Survey of Boundary of Lands
added to the Sac and Fox Indians
by the
Iowa Indians under Treaty of
March 6 1861

by
Thomas Osborn
under Contract with Commissioner
of Indian Affairs June 13 1863

Survey commenced August 6th 1863
Survey Completed August 15th 1863

Field Notes of the Boundary line of the Sac & Fox Reservation

Missouri Band Cede to them under Treaty March 6 1863

Commenced Augt 6. 1863.

I Commenced at a Meander Corner in Section 7 a Lime Stone with bearing Trees and measured West 1.40 chs. Thence East from said Corner along the South boundary of said Reservation

Variation 12° 45' East

6.00 Leave bottom Enter upland bears N & S.
14.50 Leave timber bears S. 10° W. and N 10° W.
32.65 A Lime Stone Corner on South Boundary of Reservation 17.90 chs. North of the Corner to fractional sections 7. 8. 17 and 18 – Land undulating well Tilage Soil Black and rich Timber Oak Elm Walnut Hackberry Hickory Undergrowth Hazel Grape Vine Gooseberry and Green briars

East along South boundary of the Iowa Reserve

Variation 12° 45' East

79.46 Intersected at a Lime Stone Closing Corner to Fractional sections 8 and 9. Land rolling Good soil.

East along the South boundary of the Iowa Reserve

Variation 12° 45'

79.45 To the Corner to fractional Secs. 9 & 10 a Lime Stone

East along the South boundary – Variation 12° 45' E.
79.68 To the Lime stone Corner to fractional sections 9 and 10. Land high rolling prairie Soil 1st rate.

East along the South boundary – Variation 12° 45' East
60.00 Enter timber bears N and S.
64.30 To the left bank of Newhart's Creek
64.55 To the Center of Creek
I set a black Walnut post on the left bank of Creek 30 lks West of the Center of Creek witness Corner to the point for Corner boundary Corner a Line to a Black Walnut 12 in Dia bears N 36° W 5 lks Dist.

marked with the letters S. and F.R. B.T.
A Walnut 14in Diam bears S 14° E 24 lks Dist.

Meanders of Hobart's Creek Commencing at the point where the South boundary Crosses and run as follows Down the Stream in its Entire.

Courses	distance	Remarks
N 43 p/ W	2.00	Water 6 in deep Clear and Cool
N 75 W	2.00	
S 78 W	1.40	
N 39 W	2.00	
N 12 p/ E	10.00	
N 30 E	1.10	
N 23 W	1.40	
N 70 W	2.00	
N 35 W	4.00	
N 52 E	4.80	
N 10 E	1.40	
N 24 E	1.80	
N 13 W	2.10	
N 10 p/ E	1.60	
N 10 W	1.00	A Road Crosses at this Point Augt 7. 1863.
North	5.00	
N 40 W	3.00	
N 75 W	6.00	
N 16 W	2.40	
N 37 p/ E	2.30	
N. 53. E	1.90	
N. 58 W	1.00	
S 57 W	2.10	
N 34 p/ W	2.30	
N 22 E	1.80	
N 63 E	0.90	
S. 60 E	2.30	
N 34 E	1.10	
N. 22° W	1.10	
N. 62° W	2.50	
N. 27 W	1.70	

Course	Distant	Remarks
N. 34. W	1.40	
N. 15. E	3.00	
N 77 p/ W	1.30	
N 29 E	2.60	
N 25 W	2.30	
N 60 E	1.00	
N 16 p/ W	5.20	
N 11 p/ E	2.00	
S 83 p/ W	1.90	
N 45. W	2.50	1 Chn Small Creek 15 lks wide comes from the S.W.
N 16 E	3.00	
N 45 p/ E	2.30	
N 80 p/ E	4.60	
North	5.20	
N 48 E	4.10	
East	4.81	
N 10 p/ E	7.00	4.90 chs a Creek 25 lks wide comes from the W.
N. 53 E	3.70	
S. 80 E	3.40	
N. 48 E	6.00	
S. 56 E	5.80	
N. 40 p/ E	3.60	
S. 76 E	7.60	
N. 4. E	5.30	
N. 89. W	6.00	
N. 2. W.	3.50	
N 50 E	5.00	
N 27 p/ E	5.70	
N 50 p/ E	4.70	
S. 60. E	1.00	
N. 35. E	7.20	
S. 83 E	9.00	
N. 79 p/ E	3.50	
North	6.30	August 8th 1863
N 68 W	4.70	
N. 11 p/ E	4.40	
N 39 p/ E	4.80	
N. 13 p/ W	4.00	

N 75 E	4.20	
S. 77 E	1.90	
S. 52 E	4.00	
S. 30 E	3.30	
N. 48 E	4.30	
S. 88½ E	1.90	
N. 28. E	4.00	
N. 49 W	6.00	
N. 34½ E	3.30	
N. 78. E	3.00	
S. 76 E	5.30	
N 43½ E	9.00	
S. 80 E	3.00	
S. 54½ E	5.00	
S. 23 E	1.70	
S. 6½ E	3.30	
S. 13 W	2.30	
S. 8.30 E	0.40	
S. 32 E	0.70	
N. 81½ E	3.00	
N. 45 E	1.54	the Mouth of Newhart's to the Center of Nimaha -

Meanders of Walnut Creek or West boundary of the Sac Fox Reservation

I Commence at Centre of Walnut Creek 1.40 lks West of Meander Course being the South West Corner of Reservation and run down the Centre of Walnut Creek with its meanders as follows

Augt 9. 1863.

N. 65°45' W	2.70.
S. 66°15' W	1.30.
N. 19.15 W	3.72
S. 89.15 W	1.70
N 42.45 W	1.67
N 5.15 E	2.60
N 0°45' E	2.10
N 28.15 E	2.72
N 4.45 W	1.55
N 80.45 W	2.30
N 19.45 E	6.96
N. 87.45 E	3.40
N. 46.15 E	6.39
N 0.45 E	6.97
N 37.15 W	6.31
N 51.15 W	2.18
N 52.45 E	4.31
N 49.45 W.	3.23
S 83.15 W	2.39
N 50.45 E	5.81
N 23°15' W	5.77
N 55°45' W	1.46
N 83°45' W	3.61
N 24°45' W	2.93
N 68°45' W	1.90
N 47°45' E	1.03
N 76°45' E	4.34
S. 38°45' E	4.30
N 68°15' E	3.27
N 24.45 W.	7.15
N 2°00' W.	3.00
N 3°00 W	3.70
N 31°00 W	4.00

West	2.50
S. 77.00 W	7.00
N. 27½ W	2.40
N 15½ E	5.00
N 15 W	3.00
N 46 E	3.00
N 32 E	1.96
N 5 W	2.75
N 80.00 W	3.00
S 57½ W	3.50
S 61½ W	2.50
S 35 W	2.00
N 3.00 W	8.20
N 68 W	1.50
S 74 W	1.75
N 24½ E	4.12
N 24 W	3.00
S 85½ W	2.00
S. 48½ W	1.30
N. 19 W	4.17
S. 67 W	2.20
S. 36 W	1.78
N. 16½ W	1.15
N. 12½ E	3.00
N. 28½ W	2.50
N. 51 W	2.50
N. 24½ W	2.50
N. 14 W	1.50
N. 10 W	3.70
West	4.00
N 30 E	4.25
N. 32 W	3.00
N 9½ W	3.70
N. 80 W	2.40
N 2½ W	5.97
N. 31½ W	1.87
N. 7 W	4.74
N. 45 W	8.50

To the Crossing of the Base line

N. 10. W	11.75
S. 85 W	11.60
N 71 W	5.00
N 20 W	4.00
N. 19.30 E	16.75
N. 53.00 W	17.40
N. 35 E	14.00
N. 29 W	3.25
N. 3.00 E	4.75
N. 40.00 W	12.00
N. 38 E	16.50
N. 59 W	3.00
N. 37 W	5.00
N 2.00 E	3.50
N. 80.00 W	9.00
N. 37 E	7.00
N. 35 W	10.00
N 69 W	2.50
S. 22 W	3.00
S. 25 W	8.00
N. 39 W	7.50
N. 14. E	7.00
N. 33. E	6.00
N. 74.30 E	4.75
N. 89 E	3.00
N. 75.30 E	3.50

Aug 10. 1863.

to the mouth of the West fork or Walnut Creek Thence down the ~~gilent~~ great Nimaha with its Meanders in the Centre

Stop

S. 59.00 E	4.92
S. 88½ E	7.09
N. 30½ E	2.40
N. 25½ E	12.99
N. 78 E	11.90
S. 78¾ E	3.68
S. 28 E	7.69
S 57¼ E	6.03
N. 69¼ E	4.36
N. 34¾ E	13.27

N 13½ E	10.30	
N 47¼ E	4.37	
N 88 E	4.50	
S 83½ E	4.05	
S 71¼ E	7.95	
N 53¾ E	5.16	
N 29½ W	5.57	
N 61¾ W	3.15	
N 15½ W	3.36	
N 42½ W	3.62	
N 20½ W	5.17	
N 6. E	9.37	
N 57½ E	3.28	
S 40½ E	3.31	
S 50½ E	2.67	
S 40½ E	6.45	
S 47 E	8.80	
S 52¼ E	1.93	
S 11¼ W	9.07	
S 72¼ E	4.03	
N 57¼ E	5.05	
N 15 E	1.41	
N 1½ E	3.48	
N 30¼ E	4.68	
N 48¾ E	14.87	
S 88 E	3.69	
S 53 E	3.94	
S 48 E	4.75	Mouth of stream 20 lks wide comes in on right
N 67 E	2.73	bank bears S. E.
N 31½ E	11.02	
N 10¾ E	4.82	
N 12½ E	5.59	
N 34½ W	3.63	
N 9¾ W	3.96	
N 22¾ E	8.50	
N 75¼ E	5.31	
S 82½ E	8.18	
S 39¾ E	4.08	Augt 11. 1863.

S 20 3/4 W	8.70	
S 27 E	3.07	
N 71 E	2.80	
S 65 E	3.37	
N 78¼ E	7.65	
N 44¼ E	8.61	
N 10¾ W	4.98	
N 24 W	6.68	
N 17¾ E	5.32	
N 57½ E	8.28	
N 28¼ E	11.55	
S 78½ E	5.05	
S 30 E	16.61	A stream comes in on the right Bank
S 74½ E	3.23	bears S. E.
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	
N 48½ W	3.20	
N 23¾ E	3.90	
S 86¾	9.66	
N 54 E	5.12	
N 24½ W	11.16	
N 67 W	1.95	
N 40 W	2.83	
S 70½ W	12.77	
S 80 W	4.68	
N 54 W	4.61	
N 20¾ E	3.59	
N 48¼ E	8.37	
N 89 E	4.44	
S 62¾ E	7.21	
N 72¾ E	4.69	
N 42¾ E	5.94	
N 14 W	10.91	
N 38¾ E	6.94	
N 45¾ E	4.65	

N 80½ E	6.50
S 32¾ E	7.03
S 7½ E	4.34
S 13½ E	4.12
S 7½ E	2.36
S 9½ W	4.92
S 78 E	2.40
N 82 E	2.39
N 14 E	3.17
N 9¾ E	4.05
N 8 W	3.09
N 11¼ W	3.70
N 22¾ W	2.88
N 35½ W	3.00
S 35½ E	3.00
N 20 W	3.50
N 22¾ E	4.50
N 58 E	6.30
N 75½ E	2.00
N 80¼ E	4.00
S 78 E	4.00
S 48¾ E	1.80
S 20½ E	2.00
S 21½ E	2.70
S 7¼ W	1.50
S 9¾ W	1.90
S 15 E	2.00
S 11¾ E	3.20
S 42½ E	1.70
S 66 E	1.50
S 87½ E	1.90
N 59 E	3.00
N 35 E	3.80
N 5½ E	2.80
N 19 W	2.20
N 7½ E	2.60
N 0½ E	3.70
N 35 W	1.80
N 76 W	2.80

Augt 12 1863.

S 75¾ W	5.50	
N 68 W	2.90	
N 34 W	3.70	
N 24¾ W	2.30	
N 19¾ E	2.80	mouth of small dry Creek Right Bank
N 4½ W	2.00	
N 56½ E	4.70	
N 81 E	8.00	
S 68½ E	4.00	
S 56½ E	6.00	
S 39 E	6.30	
S 34½ E	1.70	
S 49½ E	1.40	
S 42¼ E	3.20	
S 13½ E	3.00	
S 9¾ E	2.60	
S 7¾ W	2.60	
S 25¼ W	2.40	
S 36½ 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 45½ 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	
S 86 E	6.60	
S 40½ E	11.00	
S 39½ E	5.00	
S 20¾ E	3.60	
S 32½ E	3.50	
S 56½ E	1.60	
N 70½ E	1.80	
N 4¾ E	3.00	

N 4½ E 3.20
N 16¾ E 4.20
N 8 E 1.20
N 27¾ E 1.40
N 21½ E 3.00
N 88¼ E 9.30
S 72½ E 2.00
S 87 E 1.40
S 84 E 2.00
N 77 E 2.00 Stream bears North
S 75 E 5.00
S 38½ E 5.00
S 2½ E 5.70
S 1½ E 5.70
S 12 W 5.30
S 34½ W 4.60
S 38½ W 2.80
S 43½ W 3.00
S 53½ W 2.90
S 56¼ W 1.80
S 1½ W 1.30
S 76½ W 4.00
S 85½ E 3.40
S 72 E 3.00
S 66 E 4.00
S 63½ E 5.10
S 66¾ E 2.00
S 58 E 4.00
S 16 E 3.20
S 15½ W 7.00
S 57¾ W 3.00
S 89½ W 1.90
S 37½ W 2.00 August 13th 1863
S 54¾ W 2.20
S 24 W 3.70
S 85½ W 4.70
S 49 W 2.40

15¾ W 3.00
15 W 2.30
7¼ E 5.40
22¼ E 2.70
27½ E 3.10
52 E 3.00
79½ E 2.50
40½ E 3.00
22¾ E 2.00
11 E 1.90
6 E 2.00
30½ E 2.00
10 E 2.80
ortho 2.30
74 E 2.30
35 E 3.00
82 E 3.00
46½ E 3.80
67½ E 2.70
18½ W 8.00
16¼ W 1.30
10 W 3.00
4½ E 3.80
4¼ E 3.30
16¼ E 5.00
84¼ E 5.70
58 E 3.80
40 E 6.30
20½ E 3.50
43¾ E 3.70
38 E 4.30
35¾ E 2.20
42½ E 2.00
53¾ E 4.00
67¾ E 2.50
54 E 2.20
53¾ E 1.90
70½ E 5.00

S 62¾ E 3.00
S 75 E 2.65
S 65½ E 3.00
S 43½ E 6.20
S 39 E 4.00
S 28¼ E 4.40
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 37¼ 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
N 65¾ E 2.70
N 82 E 2.10
N 76½ E 2.60
N 84 E 1.50
N 85½ E 4.70
S 68½ E 3.00
S 40½ E 4.70
S 31 E 1.30
S 15 E 0.70
S 29¾ E 1.30
S 15¼ 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 85½ E 2.00
S 46 E 4.00
S 14 E 3.00

S 23½ E 3.40
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 36½ E 2.37
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
N 18½ E 3.90
N 14½ E 5.00
N 5¼ E 7.80
N 17 W 6.00
N 21¾ W 9.00
N 11¼ E 6.00
N 69 E 4.50
S 82½ E 5.00
S 66½ E 8.00
S 27½ E 8.00
South 4.80
S 17½ E 11.00
S 83½ W 6.00
S 63¼ W 4.00
S 38¼ W 1.80
S 66 W 1.50
S 13½ W 2.40
S 4½ W 3.00
S 03¼ E 2.10
South 3.00
S 9 E 2.70
N ½ W 2.00
S 2 W 2.00
S ½ W 2.50

August 11th 1863

S 10 E	1.70
S 7¾ E	1.50
S 18¾ E	1.80
S 54 E	2.50
N 84 E	1.80
N 62 E	3.00
N 56 E	3.00
N 45¾ E	3.00
N 40 E	2.00
N 30½ E	2.20
N 44¾ E	2.00
N 52¾ E	4.00
S 84¾ E	4.00
S 70½ E	6.00
N 84½ E	6.60
N 46¼ E	14.00
S 46½ E	5.00
South	10.00
S. 12 W	6.60
S. 8¾ W	2.80
S. 11. E	2.00
S. 19. E	2.50
S. 44¾ E	2.40
S 54 E	2.60
S 63¾ E	1.60
S 84¾ E	2.70
S 79¼ E	2.00
N 85¾ E	1.90
S 88½ E	18.00
S 89½ E	2.50
S 89¼ E	6.00
S 70 E	4.80
S 49 E	22.00
S. 18½ E	6.00
S 21¼ W	12.00
S 47¼ W	7.70
S 67 W	7.00
N 75 W	2.00

S 79 W	2.40
S 85 W	1.00
S 32 W	2.00
S 8 E	1.64
S 7¼ W	1.50
S ½ E	3.40
S 3 E	1.90
S 9½ W	2.10
S 2¼ W	1.50
S 7½ W	2.28
S 10½ W	4.10
S 34 W	3.10
S 54 W	1.60
S 72¼ W	3.00
S 80½ W	3.30
S 58¾ W	4.00
S 24½ W	3.50
N 3¼ W	4.40
N 2 E	3.00
N 14¼ E	3.50
N 4½ E	3.50
N 15 W	2.30
N 36 W	2.40
N 42½ W	2.10
N 52¼ W	1.75
N 32 W	2.00
N 33¾ W	1.60
N 32 W	2.00
N 9 W	1.70
N 31¾ W	2.30
N 35¼ W	2.20
N 56¼ W	2.40
N 67½ W	2.30
N 81½ W	2.50
N 66¾ W	1.30
S 81¾ W	1.70
S 85 W	2.70
S 56¾ W	1.30

Aug 15/1863.

Remarks – down stream in its Center,

S 50¾ W	3.00	
S 28¼ W	3.20	
S 45 W	1.30	
S 22¼ W	2.00	
S 12 W	1.70	
S 27½ W	2.10	
S 18¾ W	2.00	
S 23¾ W	2.20	
S 7½ W	1.40	
S 8¼ W	4.00	
S 14¼ W	8.30	
S 12¾ W	3.00	
S 9¼ W	3.00	
S 8½ E	2.00	
S 16¼ W	3.30	
S 8¾ W	2.00	To the Centre of the mouth of Nohart's Creek. Intersected the Meander Line of the same at this Point

Evening Augt 15. 1868.

List of Names.

A list of the individuals assisted in running measuring or marking the lines & corners of the Exterior ~~Lin~~ boundaries of the New Gac and Fox of Missouri Indian Reservation as ceded to them by their Traces with the Iowa Indians showing the respective capacities in which they acted

R. G. Fitzgerald Chainman
Wm W Hott Chainman
S W Hardenburgh Axman
Wm Sears Flagman
Andrew J Angell Compassman

General Land Office • Original Field Notes

Book Number

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The images in this file are photographs of the notes of the original surveys of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

The original surveys in Nebraska began in the mid 1850's and were completed in the mid 1880's. The Nebraska office of the Surveyor General was closed June 30, 1886.