General Land Office • Original Field Notes

Book Number

421

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.

Survey of island in Niobrara River by J. H. Overshot see page 79

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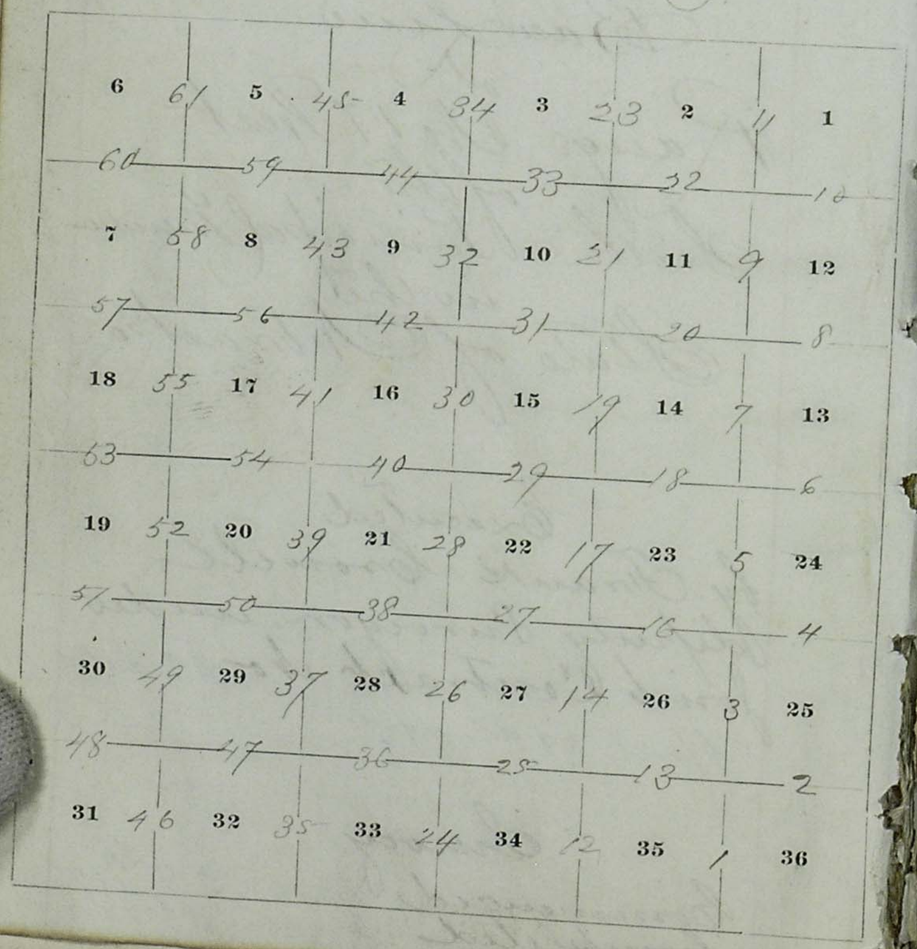
Field Notes
of the
Survey and Sub-divisions
of
Township No 33 North
of the
Base Line
of
Range No 17 West
of the
Sixth Principal Meridian
in the
State of Nebraska.

Executed
by Frank Crowell
Deputy Surveyor, under
Joint Contract No 89. dated
April 29th 1875

Survey
Commenced May 29th 1875
Completed June 3d 1875

Index Diagram of Township 33 North Base of the Line Range 17 West 6th of the Prin. Meridian



List of Names.

A list of the names of the persons who were employed to assist in surveying and sub-dividing Town. 33 North of the Base line of Range No 17 West of the 6th Principal Meridian, in Nebraska.

F. A. Sears
Auckney Miller } Chainmen

C. H. Brown
Esau Beldin } Mound men Axmen & Flagmen

Township No 33 N. Range 17 West 6th Prin. Meridian

To determine the proper adjustment of my Compass for sub-dividing this Township I begin at corner to Township 33 N. of base line and Ranges 16 and 17 West on the 2d Guide Meridian West, and run North on a blank line along the East boundary of Section 36.

Variation 13° 35' E

39.99 To a point 6 lks East of ¼ Section corner

79.98 To a point 11 lks. East of corner to Secs. 35 and 36

Therefore to retrace this line or run parallel thereto my compass must be adjusted to

Variation 13° 40' E.

chains

From the corner to Secs. 35 and 36. Township 33 N. R. 17 West., on the 8th Standard Parallel.

I run

North bet. Secs. 35 and 36

Variation 13° 40' E.

13.00 Cañon and Scattering Bur Oak and Cedar descends N.W.

18.00 Spring branch 4 lks. wide, N.W.

39.00 Same branch 4 lks. wide, N.E. and enter Bottom E & W

40.00 Set a Cedar post 3 in x 2 in x 4 ft, 12 in deep, deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in, 12 in deep for ¼ Sec. Cor.

49.00 Enter heavy timber bears East and West

56.25 Intersect Niobrara River and set a Cedar post for a Meander Corner to frac. Secs. 35 and 36 from which

A White Elm 6 in dia bears S 12° W 20 lks.

A Willow 12 in dia bears N 3° E 70 lks. dist

80.00 Point for Corner - in River - cannot be established

Surface broken - Soil 3d rate -

Township 33 North

chains	
	From point in River for Cor. to Secs. 25.26.35 & 36 I run East on a random line bet. Secs. 25 and 36 Variation 13° 40' E
40.00	* Ascertained distance across Riv. by chaining point for temporary 4 Sec. Cor falls in river
50.40	To Right bank of Niobrara River, and set temporary M.C.
79.28	Old wagon road N.W.
80.40	Intersect N & S line or East boundary at a point 20 lks. N. of corner to Secs. 25 and 36 from which corner I run N 89° 51' West on true line bet. Secs. 25 and 36. Var. 13° 40' E.
30.00	To Niobrara River and mark a White Oak. 3 in dia. for Meander Corner to fractional Secs. 25 and 36
40.20	Point for ¼ Section Corner falls in river corner cannot be established
80.40	To point in River for corner to Sections 25. 26. 35 and 36 Surface broken Soil 2d rate

Range 17 West. 6th Prin. Mer.

chains	
	From point in Niobrara River. for corner to Sections 25. 26. 35 and 36 I run North bet. Secs. 25 and 26 Variation 13° 40' E
.80	To Left bank of Niobrara
.80	River and set Cedar post 3 in x 2 in x 4 ft 12 in deep. deposit charred stake and raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for Meander Corner to frac. Secs. 25 and 36.
31.50	Ravine and Springbranch
31.50	3 lks. wide S.E.
40.00	Set Cedar post 3 in x 2 in x 4 ft
40.00	12 in deep. deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in. 12 in deep for ¼ Sec. Cor
80.00	Set Cedar post 3 in x 3 in x 4 ft 12 in
80.00	deep. deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for Corner to Secs. 23. 24. 25. 26 Surface broken. Soil 2d rate

Township 33 North

chains	
	East on random line bet. Secs. 24 and 25 Variation 13° 40' E
16.50	Cañon 1 chain wide descends S.E.
27.25	Old Wagon trail N.W.
40.00	Set Post for temporary ¼ Sec. Corner.
80.82	Intersect East Boundary of Township at a point 30 lks. North of corner to Secs. 24 and 25 from which ~~corner~~ a mound
	N 89° 47' West on true line bet Secs. 24 and 25 Variation 13° 40' E
40.21	Set Cedar Post 3 in x 2 in x 4 ft. 12 in deep, deposit chaned stake, and raise mound of earth 2 ft high. Iron pits 22 in x 22 in 12 in deep for ¼ Sec. Corner to Secs. 23. 24 25 and 26
~~80.82~~ 79.80	
	Surface broken. Soil 2nd rate

Range 17 West 6th P.M.

chains	
	North bet. Secs. 23 and 24 Variation 13° 20' E
25.40	Cañon descends S.E.
39.52	Old Wagon trail N.W.
40.00	Set Cedar Post 3 in x 2 in x 4 ft. 12 in deep, deposit chaned stake, raise a mound of earth 2 ft high Iron pits 22 in x 22 in. 12 in deep for ¼ Sec. Corner.
80.00	Set Cedar Post, 3 in x 8 in x 4 ft; 12 in deep. deposit chaned stake, raise a mound of earth 2 ft high Iron pits 24 in x 24 in. 12 in deep for corner to Secs. 13. 14. 23 and 24
	Surface rolling. Soil Sandy 2nd rate

Township 33 North-

chains	
	East on random line bet. Secs. 18 and 24. Variation 13° 40' E
40.00	Set Post for temporary 1/4 Sec. Cor.
43.50	Oak Ravine S.E. 1 ch. wide
63.30	Oak Ravine South 1 ch. wide
	Brook in Ravine. 3 lks wide
80.50	Intersect East Boundary of Township at a point 6 lks South of corner to Secs. 13 and 24 from which corner bears
	S 89° 57' West on true line bet. Secs. 13 and 24. Variation 13° 40' E.
40.25	Set Cedar Post, 3 in x 2 in x 4 ft, 12 in deep, deposit-chained stake. raise mound of earth 2 ft high from pits 22 in x 22 in, 12 in deep. for 1/4 Sec. Corner.
80.50	Corner to Secs. 13. 14. 23 and 24. Surface broken. Soil Sandy 3rd rate.

Range 17 West of the 6th P.M.

chains	
	North - bet. Secs. 13 and 14. Variation 13° 20' E
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. deposit chained stake. raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep. for 1/4 Sec. Cor.
80.00	Set Cedar post. 3 in x 3 in x 4 ft - 12 in deep. deposit Chained stake, raise mound of earth 2 ft high. from pits 24 in x 24 in - 12 in deep for Corner to Secs. 11, 12, 13 and 14. Surface broken Soil Sandy 3rd rate.

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Township 33 North-

chains	
	East on random line bet. Sec. 12 and 13
	Variation 13° 40' E
40.00	Set post for temporary 1/4 Section Corner.
79.74	Intersect East Boundary of Township at a point 48 lks. South of corner to Sec. 12 and 13 from which corner bears
	S 89° 39' West on base line bet. Sec. 12 and 13
	Variation 13° 40' E.
39.87	Set Cedar post 8 in x 3 in x 4 ft - 12 in deep. deposit chained stake. raise mound of earth 2 ft high. four pits 22 in x 22 in. 12 in deep for 1/4 Sec. Corner -
79.74	Corner to Sec. 11. 12. 13. 14
	Surface rolling
	Soil sandy - 2nd rate

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Range 17 West 6th P.M.

chains	
	North - bet Sec. 11 and 12
	Variation 13° 40' E
40.00	Set Cedar post 2 in x 3 in x 4 ft. 12 in deep. deposit chained stake. raise mound of earth 2 ft high. four pits 22 in x 22 in - 12 in deep for 1/4 Section Corner.
80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. deposit chained stake raise mound of earth 2 ft high. four pits 24 in x 24 in - 12 in deep for Corner to Sec. 1. 2. 11 and 12
	Surface rolling.
	Soil 2nd rate, Sandy.

Township 17 North

Chains	
	East on random line bet Sec. 1 and 12
	Variation 13° 40' E
40.00	Set Post for temporary 1/4 Sec. Corner.
79.76	Intersect East Boundary of Township at a point 88 lks South of corner to Sec. 1 and 12 From which corner I here S 89° 22' West on line line bet. Sec. 1 and 12
	Variation 13° 40' E.
39.88	Set Cedar Post 3 in x 3 in x 4 Ft - 12 in deep deposit chained stake raise mound of earth 2 Ft high from Pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner
79.76	Corner to Sec. 1. 2. 11 and 12
	Surface rolling Soil sandy - 2nd rate

Range 17 West 6th P.M.

Chains	
	North on random line bet. Sec. 1 and 2
	Variation 13° 40' E
40.00	Set Post for temporary
40.00	1/4 Sec. Corner.
80.90	Intersect North Bound-
80.90	-ary of Township at a Point 78 lks East of corner to Sec. 1 and 2 From which corner I here
	S 33° E on line line bet Sec. 1 and 2
	Variation 13° 40' E
40.90	Set Cedar Post 3 in
40.90	x 2 in x 4 Ft - 12 in deep. deposit chained stake raise mound of earth - 2 Ft high. From Pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor-
80.90	ner to Sec. 1. 2. 11
80.90	and 2
	Surface rolling Soil Sandy - 2nd rate

May 29th 1875

Township 33 North-

Range 17 West 6th P.M.

chains		
		North bet Sec. 34 & 35 (from corner on 8th Standard Parallel) Variation 13° 40' E
40.	9.40	Ravine and Spring branch 3 lks. wide runs S.W.
79	38.84	Sand runs N.
	40.00	Enter Swampy bottom heads E and W. and set a cedar post 8 in x 2 in x 4 ft 12 in. deep. deposit hand stake. raise mound of earth 2 ft high
		from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor
39.	60.00	Enter timber Cottonwood and Willow - E. and W.
	66.00	Intersect right bank of Niobrara River and set post for Meander corner to Frac. Sec. 34 & 35 from which
		A Willow 8 in dia bears S. 60° W. 20 Lks
		A Willow 12 in dia bears S. 86° E. 23 "
	80.00	Point - for corner to Sec. 26 27. 34 and 35. (as obtained distance by chaining) Falls of River
		Upland rolling Soil 2nd rate
		Bottom level swampy 1st - 3rd rate

chains	
	East on random line bet. Sec. 26 and 35 Variation 13° 40' E
	The entire mile is in the Niobrara River - Mer. cannot be established

Township 33 North — Range 1st West 6th P.M.

chains		
		From point in river for corner to Secs. 26. 27. 34 and 35
40		I run
		North bet. Secs. 26 and 27
7.		Variation 13° 40' E
	.25	Left bank of Niobrara
		Ascertained distance by chaining
		Set Cedar post 3 in x 2 in x 4 ft. 12 in deep, deposit chaned stake, raise mound of earth 2 ft high. from pits 22 in x 22 in 12 in deep for
39.		Meander Corner to frac. Secs. 26 and 27
	40.00	Set Cedar post 3 in x 2 in x 4 ft 12 in deep, deposit chaned stake, raise mound 2 ft high. from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
1.	42.03	Spring branch 3 lks. wide in oak ravine, bears S.E.
	80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep deposit chaned stake, raise mound of earth 2 ft high, from pits 24 in x 24 in - 12 in deep, for corner to Sections 22. 23. 26 and 27.
		Surface rolling
		Soil 2d rate.

Township 33 North-

chains	
	East on random line bet. Secs. 23 and 26
	Variation 13° 40' E
40.00	Set post for temporary 1/4 Sec. Corner.
59.77	Spring branch 3 lks. wide in Oak ravine descends S.E.
79.98	Intersect N and S line at a point 22 lks. S. of corner to Sections 23. 24. 25 and 26. from which corner I run S. 89° 51' West on true line bet. Secs. 23 and 26
	Variation 13° 40' E
39.99	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. deposit chained stake. raise mound of earth - 2 ft high. from pits 22 in x 22 in - 12 in deep for 1/4 Sec. Corner -
79.98	Corner to Secs. 22. 23 26 and 27 { Surface rolling Soil 2d. rate

Range 17 West 6th P.M.

chains	
	North - bet. Secs. 22 and 23
	Variation 13° 20'
40.00 16.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. deposit chained stake. raise mound of earth - 2 ft high. from pits 22 in x 22 in - 12 in deep for 1/4 Section Corner.
80.00 80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. deposit chained stake, raise mound of earth - 2 ft high. from pits 24 in x 24 in x 4 ft - 12 in deep. for Corner to Sections 14. 15. 22 and 23. Surface rolling Soil 2d. rate

Township 33 North-

chains	
	East on random line bet Secs. 14 and 23
	Variation 13° 20' E
40.00	Set post for temporary 1/4 Sec. Corner.
56.11	Wagon road bears N.W.
80.30	Intersect N and S line at a point 24 lks North of corner to Secs. 13.14.23 and 24 from which corner I run N 89° 50' West on true line bet. Secs. 14 and 23
	Variation 13° 20' E
40.15	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. deposit chained stake, raise mound of earth - 2 ft high. from pits - 22 in x 22 in - 12 in deep for 1/4 Sec. Cor.
80.30	Corner to Secs. 14.15.22.23
	Surface rolling
	Soil 2d rate

Range 17 West. 6th P.M.

chains	
	North bet Secs. 14 and 15
	Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. deposit chained stake, raise mound of earth - 2 ft high. from pits 22 in x 22 in - 12 in deep for 1/4 Sec. Corner.
78.80	Wagon trail bears N.W.
80.00	Set Cedar post 3 in x 3 in x 4 ft. 12 in deep, deposit chained stake, raise mound of earth - 2 ft high. from pits - 24 in x 24 in - 12 in deep for corner to Secs. 10.11.14 and 15
	Surface rolling
	Soil 2d rate.

Township 33 North Range 17 West of 6th P.M.

chains	chains	
		East on random line bet. Secs. 11 and 14
		Variation 13°20'E
4	40.00	Set post for temporary ¼ Section Corner
59	80.68	Intersect N. and S. line at a point 14 lks. North of corner to Secs. 11.12.13 and 14 from which corner I run
7		N 89° 54' West on true line bet. Secs. 11 and 14
		Variation 13°20'E
	40.34	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep, deposit chained stake, raise mound of earth - 2 ft high from pits - 22 in x 22 in 12 in deep for ¼ Section Corner.
	80.68	Corner to Secs. 10.11.14.15
		Surface rolling
		Soil sandy 2d rate

chains	
	North bet. Secs. 10 and 11
	Variation 13°40'E
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. deposit chained stake, raise a mound of earth - 2 ft high. from pits - 22 in x 22 in - 12 in deep for ¼ Sec. Cor.
80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. deposit chained stake, raise mound of earth - 2 ft high from pits - 24 in x 24 in 12 in deep for corner to Secs. 2. 3. 10 and 11
	Surface rolling
	Soil sandy 2d rate.

Township 33 North

chains	
	East on random line bet Secs. 2 and 11
	Variation 13° 40' E
40.00	Set post for temporary ¼ Sec. Corner
80.08	Intersect N and S. line at a point 60 lks. N. of corner to Secs. 1. 2. 11 and 12 from which corner I run
	N. 89° 34' West on true line bet Secs. 2 and 11
	Variation 13° 40' E
40.04	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. deposit charred stake. raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Corner
80.08	Corner to Secs. 2. 3. 10. 11
	Surface rolling
	Soil 2d. rate sandy

Range 17 West of 6th P.M.

chains	
	North on random line bet. Secs. 2 and 3
	Variation 13° 40' E
40.00 40.00	Set post for temporary ¼ Sec. Corner
80.73 80.73	Intersect N and S. line at a point 70 lks. East of corner to Secs. 2 and 3 from which corner I run
	S 30' East on true line bet. Secs. 2 and 3
	Variation 13° 40' E
40.73	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep deposit charred stake raise mound of earth 2 ft high. from pits 22 in x 22 in - 12 in deep for ¼ Sec. Corner
80.73 80.73	Corner to Secs. 2. 3. 10. 11
	Surface rolling
	Soil sandy 2d. rate

May 30th 1875

Township 33 North-

Chains	
	North-bet. Sect. 33 and 34
	Variation 13° 35' E
26.00	Abrupt bank of River skirted with Oak timber S.E. and N.W.
30.00	Intersect Right bank of Niobrara River Set post for Meander Corner to Sec. 33 & 34 in from which A Cottonwood 14 in dia bears N 10° East 7 lks. distant
	Chain over river and at
71.75	Intersect left bank of Niobrara Riv. Set a Cedar post 3 in × 2 in × 4 ft. 12 in deep deposit charred stake and raise mound of earth 2 ft high from pits 22 in × 22 in 12 in deep for Meander Corner to frac. Sec. ~~27. 28.~~ 33 and 34.
77.00	Drain descends S.E.
80.00	Set Cedar post 3 in × 3 in × 4 ft 12 in deep deposit charred stake raise mound of earth 2 ft high from pits 24 in × 24 in 12 in deep for Cor. Sec. 27. 28. 33 and 34

Surface South of river high bottom. Soil 1st rate
" N " " rolling, sandy " 2 "

Range 17 West 6th P.M.

Chains	
	Knowing that I will intersect River in less than 80 ~~chains~~ I run Cart on a ~~true~~ line bet. Sections 27 and 34
	Variation 13° 35' E
22.25	Intersect North bank of the Niobrara River and set a Cedar post 3 in × 2 in × 4 ft. 12 in deep. deposit charred stake, raise mound of earth 2 ft high from pits 22 in × 22 in, 12 in deep. for Meander Corner to fractional Sections 27 and 34.
	Surface ~~27. 28. 33 and 34.~~

Township 33 North

chains	
	North bet. Sec. 27 and 28
	Variation 13° 35' E
25.00	Leave bottom N.E. and S.W.
40.00	Set Cedar post 3 in x 2 in x 4 ft 12 in deep. deposit charred stake. raise mound of earth 2 ft high. from pits 22 in x 22 in 12 in deep for 1/4 Section Corner.
80.00	Set Cedar post 3 in x 3 in x 4 ft. 12 in deep. deposit. charred stake. raise mound of earth 2 ft high. from pits 22 in x 22 in 12 in deep for corner to Sec. 21. 22. 27 and 28.
	Surface rolling
	Soil sandy 3d rate

Range 17 West 6th P.M.

chains	
	East on randomline bet. Sections 22 and 27
	Variation 13° 40' E
40.00	Set post for temporary 1/4 Sec. Cor.
43.00	Enter Oak Canon S.E.
48.00	Stream 5 lks. wide S.E.
51.00	Leave Canon, descends S.E.
56.00	Ravine, course South
63.00	Ravine course South
80.00	Intersect N. and S. line at a point 29 lks. South of corner to Sections 22, 23, 26 and 27 from which corner I run S 89° 48' West on true line bet. Sec. 22 and 27
	Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 ft 12 in deep. deposit charred stake. raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner
80.00	Corner to Sec. 21. 22. 27. 28
	Surface rolling
	Soil sandy. 2d rate

Township 33 South-

Chains	
	North bet. Sec. 21 & 22
	Variation 18° 35' E
20.00	Oak Cañon descends S.E.
24.00	Stream 2 lk. wide S.E.
27.00	Leave Cañon S.E.
40.00	Set cedar post 3 in x 2 in x 4 ft. 12 in deep, deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in - 12 in deep for ¼ Sec. Corner
73.00	Oak Cañon S.E.
76.50	Stream 3 lk. wide S.E.
78.00	Leave Cañon S.E.
80.00	Set Cedar post 3 in x 3 in x 4 ft. 12 in deep, deposit chained stake, raise mound of earth 2 ft high from pits 24 in x 24 in, 12 in deep for Corner to Sec. 15. 16. 21 and 22
	Surface rolling
	Soil sandy 2nd rate

Range 17 West of 6th P.M.

Chains	
	East on random line between 15 and 22
	Variation 13° 40' E
12.75	Oak Cañon descends S.
13.60	Stream 2 lk. wide S.
16.00	Leave Cañon South-
40.00	Set post for temporary ¼ Sec. Corner
79.77	Intersect S. and S. line at a point 26 lk. South- of Corner to Sec. 15. 22 and 23 from which corner Bears S. 89° 49' West on true line bet. Sec. 15 and 22
	Variation 13° 40' E
39.88½	Set Cedar post 3 x 3½ x 4 ft - 12 in deep, deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in - 12 in deep for ¼ Sec. Corner to Sections 15 - 16 - 21 and 22 -
79.77	Surface rolling Soil sandy 2nd rate

Township 33 North

chains	
	North bet. Secs. 15 and 16
	Variation 13° 35' E
40.00	Set Cedar post 3 in × 2 in × 4 ft. 12 in deep. deposit chained stake raise mound of earth 2 ft high from pits 22 in × 22 in - 12 in deep for ¼ Sec. Corner -
80.00	Set Cedar post 3 in × 3 in × 4 ft - 12 in deep. deposit chained stake. raise mound of earth 2 ft high from pits 24 in × 24 in 12 in deep for corner to Sections 9. 10. 15. 16.
	Surface rolling
	Soil sandy 2d rate -

Range 17 West of 6th P.M.

chains	
	East on random line bet. Secs. 10 and 15
	Variation 13° 40' E
40.00	Set post for temporary
40.00	¼ Section Corner -
78.87	Intersect Wagon trail
78.87	L. E. and N. W.
79.80	Intersect N and S line
79.80	at a point 29 links South of corner to Secs. 10. 11. 14. 15 from which corner I run
	S 89° 48' West on true line bet. Secs. 10 and 15
	Variation 13° 40' E
39.90	Set Cedar post. 3 in × 2 in
39.90	× 4 ft - 12 in deep. deposit chained stake. raise mound of earth 2 ft high from pits 22 in × 22 in 12 in deep for ¼ Sec. Corner
79.80	Corner to Secs. 9. 10. 15. 16
79.80	Surface rolling
	Soil sandy 2d rate

Township 33 North

chains	
	North bet Sec 9 and 10
	Variation 13° 35' E
40.00	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep, deposit charred stake raise mound of earth 2 ft high from pits 22 in × 22 in 12 in deep for ¼ Sec. Corner
47.00	Enter Valley N. W. and S. E. or bot. lvl
80.00	Set Cedar post 3 in × 3 in × 4 ft - 12 in deep, deposit charred stake raise mound of earth 2 ft high from pits 24 in × 24 in 12 in deep for corner to Sec. 3. 4. 9. 10
	Surface valley level Soil 1st rate
	remainder rolling Soil 2d rate.

Range 17 West 6th P.M.

chains	
	East on random line bet. Sec. 3 and 10
	Variation 13° 40' E
27.00	Wagon trail N. W. and S. E.
40.00	Set post for temporary ¼ Sec. Corner
47.00	Leave Valley N. and S.
79.60	Intersect N. and S. line at a point 19 lks. South of corner to Sec. 2. 3. 10 and 11 from which corner I run S 89° 52' West on true line bet. Sec. 3 and 10
	Variation 13° 40' E
39.80	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep deposit charred stake raise mound of earth 2 ft high from pits 22 in × 22 in 12 in deep for ¼ Sec. Corner
79.60	Corner to Sections 3. 4. 9. 10
	Surface rolling Soil 2d rate

remainder rolling Soil 2d rate

Township 33 North—

Chains	
	North on Random line bet. Sec. 3 and 4
	Variation 18° 35' E
37.00	Wagon trail S.E. and N.W.
40.00	Set post for temporary ¼ Sec. Corner.
50.00	Leave bottom N.E. and S.W.
80.44	Intersect S. Boundary of Township at a point 66 lks East of corner to Sec. 3 and 4 from which corner Druid S 28 E on line line bet Sec. 3 and 4
	Variation 18° 35' E
80.44	Set Cedar post 3 x 2 in x 4 ft - 12 in deep deposit chaned stake raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor - Corner to Sec. 3. 4. 9. 10
	Surface rolling except bottom level Soil 2nd rate

May 31st 1875

Range 17 West 6th P.M.

Chains	
	The corner to Sec. 32 and 33 on S. Standard Parallel. Being in the River. I begin at the established corner to Sec. 27. 28. 33 and 34 and run a true line West bet. Sec. 28 and 33
	Variation 13° 40' E
3.00	Drain descends S.E.
26.00	Drain " S.E.
27.50	Leave bottom N.E. and S.W.
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep deposit chaned stake, raise mound of earth - 2 ft high from pits 22 in x 22 in x 4 ft 12 in deep for ¼ Sec. Cor -
80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep deposit chaned stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Sec. 28, 29, 33 and 34
	Surface bottom level Remainder rolling Soil 2nd rate

Township 33 South

Chains	
	South on true line bet Sec's 32 and 33
	Variation 13° 35' East
36.50	Enter marshy bottoms E. & W.
40.00	Set Cedar post for ¼ Sec. corner from which A Willow 6 in dia bears S 87° E 75 lks distant.
60.00	Enter timber, Cottonwood and Willow leave E. & W.
73.30	Set Cedar post for Meander corner to frac. Sections 32 and 33, - on South bank of Niobrara River, - from which A Willow 12 in dia bears N. 20° W 70 lks. distant A Willow 18 in dia bears N 30 E 100 " "
	Surface bottom, marshy Remainder gently rolling Soil 2nd rate -

Range 17 West 6th P.M.

Chains	
	From corner to Sec's 28. 29. 32 and 33
	South
	South bet. Sec's 28 and 29
	Variation 13° 35' E.
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. deposit chained stake. Base mound of earth - 2 ft high. Iron pits 22 in x 22 in x 12 in deep. for ¼ Sec. Corner.
80.00	Set Cedar post 3 in x 3 in x 4 ft. 12 in deep. deposit chained stake Base mound of earth 2 ft high. Iron pits 24 in x 24 in. 12 in deep. for corner to Sec's 20, 21, 28 and 29
	Surface gently rolling Soil 2nd rate.

Township 33 North

Chains	
	East on random line bet Sec 21 and 28 Variation 13° 40' E
40.00	Set post for temporary ¼ Sec. corner.
79.73	Intersect N. and S. line at a point 33 lks W. of corner to Secs. 21. 22. 27 and 28 from which corner I stand N 89° 46' West on line line bet. Secs. 21 and 28 Variation 13° 40' E
3986½	Set Cedar post 3 in x 2 in x 4 ft. 12 in deep, deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec Cor.
7973	Corner to Secs 20. 21. 28 and 29

Surface rolling
Soil sandy & gravelly

Range 17 West 6th P.M.

Chains	
	North bet. Secs. 20 and 21 Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor.
80.00	Set Cedar post 3 in x 3 in x 4 ft. 12 in deep deposit chained stake raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for Corner to Secs 16. 17. 20 and 21

Surface rolling
Soil sandy & gravelly

Township 33 North

Chains	
	East on random line bet Secs. 16 and 21
	Variation 13° 40' E
40.00	Set post for temporary ¼ Sec. Corner
68.84	Oak cañon S.E. descent
73.34	Stream 3 lks. wide S.E.
75.85	Leave cañon S.E. descent
79.82	Intersect N. and S. line at a point 33 lks. S. of corner to Secs. 15. 16. 21. 22. from which corner Iron S 89° 46' West on true line bet. Secs. 16 and 21
	Variation 13° 40' E
39.96	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in - 12 in deep for ¼ Sec. Corner
79.82	Corner to Secs. 16. 17. 20 and 21
	Surface rolling
	Soil sandy 2d rate

Range 17 West 6th P.M.

Chains	
	North bet Secs. 16 and 17
	Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep deposit charred stake. raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor.
80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep deposit charred stake raise mound of earth 2 ft high from pits 24 in x 24 in, 12 in deep for corner to Secs. 8. 9. 16 and 17
	Surface rolling
	Soil 2d rate

Township 33 North-

chains	
	East on random line bet Secs. 9 and 16
	Variation 13° 40' E -
40.00	Set post for temporary ¼ Section Corner -
79.71	Intersect N and S line at a point 41 lks. N. of corner to Secs. 9.10.15 and 16 from which corner I run
	N 89° 43' West on true line bet. Secs. 9 and 16
	Variation 13° 40' E
39.85½	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. deposit chained stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor -
79.71	Corner to Secs. 8.9.16.17
	Surface rolling
	Soil 2d rate.

Range 17 West 6th P.M.

chains	
	North bet. Secs. 8 and 9
	Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 ft. 12 in deep. deposit chained stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep. for ¼ Sec. Corner -
80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. deposit chained stake, raise mound of earth 2 ft high from pits 24 in x 24 in. 12 in deep for corner to Secs. 4.5.8.9
	Surface rolling
	Soil sandy. 2d rate -

Township 33 North

Chains	
	East on random line bet Sec. 4 and 9
	Variation 13° 40' E
35.00	Enter Valley N and S
40.00	Set post for temporary ¼ Section Corner
79.90	Intersect N. and S. line as a point 23 lks. N. of corner to Sec. 3.4.9 and 10 from which corner I run N 89° 50' West on true line bet. Sec. 4 and 9
	Variation 13° 40' E
39.95	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. deposit chaned stake. raise mound of earth 2 ft high from pits 22 in x 22 in - 12 in deep for ¼ Sec. Corner
79.90	Corner to Sec. 4.5.8.9
	Surface rolling
	Soil sandy 2d rate

Range 17 West 6th P.M.

Chains	
	North on random line bet Sec. 4 and 5
	Variation 13° 45' E
40.00	Set post for temporary ¼ Sec. Corner
61.40	Wagon trail N.W. and S.E.
80.47	Intersect N. boundary of Township at a point 37 lks. East of corner to Sec. 4 and 5 from which corner I run
	S. 16' East on true line bet Sec. 4 and 5
	Variation 13° 45' E
40.47	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. deposit chaned stake. raise mound of earth 2 ft high from pits 22 in x 22 in - 12 in deep for ¼ Sec. Corner
80.47	Corner to Sec. 4.5.8 and 9
	Surface gently rolling
	Soil sandy - 2d rate

~~June 1st 1875~~ ~~May 31st 1875~~

Township 33 North

chains	
	North bet. Secs. 31 and 32
	Variation 13° 40' E
4.00	Leave marsh bottom E. and W.
40.00	Set Cedar post 3 in x 2 in x 4 ft. 12 in deep deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in - 12 in deep for ¼ Sec. Corner -
47.32	Drain 20 lks. wide S.E.
70.10	Spring branch 2 lks. wide S.E.
80.00	Set Cedar post 3 in x 2 in x 4 ft. 12 in deep - deposit charred stake raise mound of earth 2 ft high from pits 24 in x 24 in - 12 in deep for corner to Secs. 29.30.31 and 32
	Surface rolling
	Soil 2d. rate -

Range 17 West 6th P. M.

chains	
	East on random line bet Secs. 29 and 32
	Variation 13° 40' E
40.00	Set post for temporary ¼ Section Corner -
57.52	Spring branch 2 lks. wide. S.E.
80.56	Intersect N. and S. line at a point 80 lks. South of corner to Secs. 28. 29. 32 and 33 from which corner I run
	S 89° 26' West on true line bet Secs. 29 and 32
	Variation 13° 40' E
40.28	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in. 12 in deep for ¼ Sec. Cor -
80.56	Corner to Secs. 29.30.31.32
	Surface rolling. Soil 2d rate

Township 33 North-

chains	
	West on random line bet. Secs. 30 and 31
	Variation 13° 40' E
4.75	Spring branch 2 lks. wide S.E. Scattering oak
40.00	Set post for temporary ¼ Section Corner
59.44	Oak drain 40 lks. wide S.E.
80.09	Intersect West boundary of Township at a point 68 lks. South of corner to Sections 30 and 31 from which corner I run S 89° 31' East on true line bet. Secs. 30 and 31
	Variation 13° 40' E
40.09	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep deposit charred stake, raise mound of earth 2 ft high from pits 22 in × 22 in - 12 in deep for ¼ Sec. Cor.
80.09	Corner to Secs. 29. 30. 31 32.
	Surface rolling, Soil 2d rate

Range 17 West 6th P.M.

chains	
	North bet Secs. 29 and 30
	Variation 13° 40' E
40.00	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep deposit charred stake raise mound of earth 2 ft high from pits 22 in × 22 in - 12 in deep for ¼ Sec. Corner
80.00	Set Cedar post 3 in × 3 in × 4 ft, 12 in deep deposit charred stake, raise mound of earth 2 ft high from pits 24 in × 24 in - 12 in deep for corner to Secs. 19. 20. 29 and 30.
	Surface rolling Soil 2d rate

June 1st 1875

Township 33 North

Chains	
	East on random line bet Secs. 20 and 29
	Variation 13° 40' E
4.21	Stream 4 lks. wide S.E.
40.00	Set post for temporary ¼ Sec. Corner
50.21	Enter canon S.E.
53.70	Stream 2 lks. wide
60.021	Leave canon S.E.
80.21	Intersect N and S line at a point 38 lks. N. of cor. to Secs. 20. 21. 28 and 29 from which corner I run
	N 89° 48' West on true line bet. Secs. 20 and 29
	Variation 13° 40' E
40.10½	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep. deposit - chained stake. raise mound of earth - 2 ft high from pits 22 in × 22 in 12 in deep for ¼ Sec. Cor.
80.21	Corner to Secs. 19. 20. 29 30. Surface rolling Soil sandy 2d rate

Range 17 West 6th P.M.

Chains	
	West on random line bet Secs. 19 and 30
	Variation 13° 40' E
40.00	Set post for temporary ¼ Section Corner
80.14	Intersect West boundary of Township at a point 64 lks. South of corner to Secs. 19 and 30 from which corner I run
	S 89° 33' East on true line bet. Secs. 19 and 30
	Variation 13° 40' E
40.14	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep. deposit - chained stake. raise mound of earth - 2 ft high from pits 22 in × 22 in 12 in deep for ¼ Sec. Cor.
80.14	Corner to Secs. 19. 20. 29. 30. Surface rolling Soil 2d rate

Township 33 North — Range 17 West 6th P.M.

Write this line after next

Chains	
	North bet Sec. 19 and 20
	Variation 13° 40' E
6.48	Spring branch 2 lks. wide S.E. (in Oak ravine)
8.98	Spring branch 2 lks. wide S.E. (in Oak ravine)
39.75	Ravine (swampy) S.W. 25 lks.
40.00	Set Cedar post 3 in x 2 in x 4 ft. 12 in deep deposit chained stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Corner
80.00	Set Cedar post 3 in x 3 in x 4 ft 12 in deep deposit chained stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Sec. 17. 18. 19. 20.
	Surface rolling
	Soil sandy 2d rate

Chains	
	West on random line bet. Sec. 18 and 19
	Variation 13° 40' E
40.00	Set post for temporary ¼ Section
80.68	Intersect West boundary of Township at a point 60 lks. South of corner to Sec. 18 and 19 from which corner I need
	S 89° 34' East on true line bet Sec. 18 and 19
	Variation 13° 40' E
40.68	Set Cedar post 3 in x 2 in x 4 ft 12 in deep deposit chained stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Corner
80.68	Corner to Sec. 17. 18. 19. and 20
	Surface rolling
	Soil 2d rate

Belongs on Pag 321

Township 33 North — Range 17 West 6th P.M.

X Write this after line bet. 19 & 20

chains	
	East on random line bet. Secs. 17 and 20
	Variation 13° 40' E
40.00	Set post for temporary ¼ Sec. Cor.
80.50	Intersect N and S line at a point 30 lks. N. of corner to Secs. 16. 17. 20 and 21 from which corner I run
	N 89° 47' West on true line bet. Secs. 17 and 20
	Variation 13° 40' East
40.25	Set Cedar post 3 in × 2 in × 4 ft. 12 in deep. deposit chained stake, raise mound of earth 2 ft high from pits 22 in × 22 12 in deep. for ¼ Sec. Cor.
80.50	Corner to Secs. 17. 18. 19. 20.
	Surface rolling
	Soil 2d rate

Belongs on Pag 53

chains	
	North bet. Secs. 17 and 18
	Variation 13° 40' E
40.00	Set Cedar post 3 in × 2 in × 4 ft. 12 in deep. deposit chained stake raise mound of earth 2 ft high from pits 22 in × 22 in 12 in deep for ¼ Sec. corner.
80.00	Set Cedar post 3 in × 3 in × 4 ft. 12 in deep. deposit chained stake, raise mound of earth 2 ft high from pits 22 in × 22 in 12 in deep for corner to Secs. 7. 8. 17 and 18
	Surface rolling
	Soil 2d rate

Township 33 North

chains	
	East on random line bet Secs. 8 and 17
	Variation 13° 40' E
40.00	Set post for temporary ¼ Section Corner
80.54	Intersect N. and S. line at a point 30 lks. N. of corner to Secs. 8.9.16 and 17. from which corner I run
	N 89° 47' West on true line bet. Secs. 8 and 17
	Variation 13° 40' E
40.27	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep deposit charred stake raise mound of earth 2 ft high from pits 22 in × 22 in - 12 in deep for ¼ Sec. Corner
80.54	Corner to Secs. 7.8.17 and 18.
	Surface rolling
	Soil sandy 2d rate

Range 17 West 6th P.M.

chains	
	West on random line bet Secs. 7 and 18
	Variation 13° 40' E
40.00	Set post for temporary ¼ Sec. Corner
80.14	Intersect West boundary of Township at a point 50 lks. South of corner to Secs. 7 and 18. from which corner I run
	S 89° 39' East on true line bet. Secs. 7 and 18
	Variation 13° 40' E
40.14	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep deposit charred stake raise mound of earth 2 ft high from pits 22 in × 22 in - 12 in deep for ¼ Sec. Corner
80.14	Corner to Secs. 7.8.17 and 18
	Surface rolling
	Soil sandy 2d rate

Township 33 North-

chains	
	North bet Sec. 5 & 8. Variation 13° 40' E.
40.00	Set Cedar post 3 in x 2 in x 4 ft. 12 in deep. deposit chand stake. raise mound of earth 2 ft high from pits 22 in x 22 in. 12 in. deep for ¼ Sec. Corner -
80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. deposit chand stake. raise mound of earth. 2 ft high from pits - 24 in x 24 in 12 in deep for corner to Sec's 5. 6. 7. and 8
	Surface rolling
	Soil sandy 2nd rate

Range 17 West 6 Prin.

chains	
	East on random line bet Sec's 5 and 8 Variation 13° 40' E
40.00	Set post for temporary ¼ Section corner -
80.25	Intersect N. and S. line at a point 28 lks S. of corner to Sec's 4. 5. 8 and 9. from which corner I runs S 89° 45' West on true line bet. Sec's 5 and 8 Variation 13° 40' E
40.12½	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. deposit chand stake. raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Corner -
80.25	Corner to Sec's 5. 6. 7. 8
	Surface rolling
	Soil sandy 2nd rate

Township 33 North-

chains	
	West on random line bet. Secs. 6 and 7
	Variation 13° 40' E
40.00	Set post for temporary ¼ Sec. Corner.
80.16	Intersect West boundary of Township at a point 80 lks. South of corner to Sections 6 and 7 from which cor. I run S. 89° 26' E on true line bet. Secs. 6 & 7
	Variation 13° 40' E
40.16	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep, deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in - 12 in deep, for ¼ Sec. Corner.
80.16	Corner to Secs. 5.6.7 and 8 -
	Surface rolling
	Soil sandy 2d pale

Range 17 West 6th P.M.

	North - on random line bet Secs. 5 and 6
	Variation 13° 40' E
40.00	Set post for temporary ¼ Sec. Corner -
80.30	Intersect North boundary of Township at a point 74 lks. East of corner to Secs. 5 and 6 from which corner I run
	S 32 East on true line bet. Secs. 5 and 6
	Variation 13° 40' E
40.30	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep, deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Corner -
80.30	Corner to Secs. 5.6.7.8
	Surface rolling
	Soil sandy 2d pale
	June 2d 1875

Township 33 North-

Meanders

of the Left bank of the Niobrara River through this Township.

Begin at Meander Corner to frac. Secs 31 and 36 on Range line, on West Boundary of the Township and on Left bank of the river, and run with the Meanders of said left bank down stream in Sec. 31 as follows;

Var. 13° 40' East

Courses	Chains	
N 85 E	24.50 ✓	
N 80 E	8.00 ✓	
N 73 E	4.00 ✓	
N 85 E	4.00 ✓	
S 85 E	4.10 ✓	
S 65 E	4.20 ✓	
S 52 E	6.40	
S 41½ E	14.90	To Meander Corner on Standard line on South boundary of Township -

Range 17 West 6th P.M.

Begin again at the Meander Corner to fractional Sections 32, on 8th Standard Parallel, the South boundary of the Township and run with the Meanders of left bank down stream in Sec 32 as follows;

Variation 13° 40' E

Courses	Chains	
N 50 E	5.40 ✓	
N 70 E	9.40	At 2 chs. Stream 2 lks. wide from North
		To Corner to frac. Secs. 32 and 33 thence in Sec. 33
N 75 E	23.50 ✓	
N 70 E	19.20 ✓	
N 53 E	20.00 ✓	
N 24 E	20.00 ✓	
N 36½ E	25.30	To Meander Corner to frac. Secs. 33 and 34. Thence in Sec. 34.
N 67 E	11.30 ✓	
N 72½ E	12.60	To Meander Corner to frac. Secs. 27 and 34 Thence in Sec. 27.

thence in Sec. 36.

Township 33 North

Courses	Chains	
N 80 E	18.50 ✓	
East	18.00 ✓	
S 85 E	13.00 ✓	
S 76 E	9.00 ✓	To Meander Corner to
	7	frac. Secs. 26 and 27.
		Thence in Sec 26 -
N 82 E	30.30 ✓	
S 85 E	28.00 ✓	
S 87 E	22.40 ✓	To Meander Corner
	8	to frac. Secs. 25 and 26.
		Thence in Sec. 25 -
N 78 E	20.00 ✓	
N 65 E	7.20 ✓	
N 45 E	35.50 ✓	
N 37¼ E	16.00 ✓	
N 31 E	17.00 ✓	
N 62 E	12.30 ✓	To Meander Corner
	9	to frac. Secs. 25 and 30 on
		East boundary of Township.

Meanders

of the Right bank of the Niobrara River through this Township. Begin at Meander Cor. to frac. Secs. 31 and run with Meander of said right bank. down stream in Sec. 31 as follows;

Range 17 West 6th P.M.

Courses	Chains	
	10	Variation 13° 40' E -
N 55 E	2.30 ✓	
N 75 E	2.50	
East	2.40	
S 57½ E	4.20	to Meander Corner to frac. Secs.
	11	31 on S. boundary of Town.

Begin again at Meander Corner to frac. Sec. 33 on S. bound. of Town and run thence down stream

	12	in Sec 33 a follows
		Var. 13° 40' E -
N 78 E	22.00 ✓	
N 57 E	12.50 ✓	
N 50 E	8.30 ✓	
N 45½ E	19.00 ✓	To Meander Corner to frac Secs.
	13	33 and 34. Thence in Sec. 34.
N 35 E	25.00 ✓	
N 65 E	20.00 ✓	
N 78 E	18.00 ✓	Enter timber E and W.
N 80 E	13.00 ✓	
N 87 E	17.60	To M. C. to frac. Secs. 34 and 35.
	14	thence in 35.
S 85 E	27.50 ✓	
S 75 E	12.00 ✓	
S 83 E	18.00 ✓	
S 85 E	23.60	to Meander Corner to frac.
	15	Secs. 35 and 36. thence in Sec. 36.

Township 33 North - Range

For Meanders of Island in Sec 34 See page

N 70 E	24.30	
N 65 E	16.00	Leave timber E and W.
N 58 E	16.60	To Meander Cor. to frac. Sec. 25
16		and 36. Thence in Sec. 25
N 40 E	22.00	to Ferry.
N 53 E	19.60	To Meander Corner to frac. Sec. 25 and 36 on East Boundary of Township.
17		

June 3 1875

General Description.

Nearly all this Township is high land, rolling sandy - 2d rate. It is the divide between the Niobrara and Keya-Paha Rivers. The Niobrara enters S.W. corner and follows close to the 8th Standard Parallel through the Township, crossing the Guide Meridian on the East of this Township. 1 mile and 29 chs. N. of the parallel. The bottom along this river is narrow, and in most places, marshy. Caused by numerous small streams running in from both sides and spreading out on entering the valley. These streams are formed by springs, and flow down through deep cañons from 3 to 7 chs. wide, which are nearly all skirted with timber (Oak). Along the banks + on small islands in the Niobrara there is an abundance of willow + Cottonwood Timber. A few scattering Cedar grow in the cañons. There is a ferry boat on the river in S.E. cor of the Township. run by Giles and Co. for the accomodation of emigrants to the Black Hills. There is also a wagon-road running N.W. from the ferry through the Township, leaving the Township near the 1/4 Sec bet. Secs 4 and 33. This road was first made by Chauncey Wiltse while surveying the 43d Parallel of N. Latitude. It is now used as a road to the Black Hills. This Township is better adapted for grazing purposes, than for anything else.

Z. Write this after General Description

List of Names.

A list of the names of the individuals employed to assist in running, measuring or marking the lines and corners described in the foregoing field notes of Township No 33 North of the Range No 17 West of the Principal Meridian showing the respective capacities in which they acted.

F. A. Sears } Chainmen
Ankeney Miller }

C. H. Brown } Mound men
Esau Belden } Axmen and Flagmen

West 6th Prin. Meridian

We hereby Certify that

we assisted
Frank Crowell
Deputy Surveyor
in Surveying the Exterior
boundaries and Subdividing
township 33 North of the
base line of Range No
17 West of the Sixth
principal Meridian
And that said township
has been in all respects
to the best of our knowledge
and belief well and
faithfully Surveyed
and the Boundary monuments
planted according to
the instructions furnished
by the Surveyor General
and of dimensions, character, construction and
marking and in the manner as specifically described
in the foregoing field notes.

F A Sears
Pinkeney Miller } Chainmen

C H Brown
Esau his X mark Beldin } Mound men and Axman and Flagmen

J B Gossage
notary Public

NB For list of names of Corrected [illegible]

Subscribed and sworn to before me
J. B. Gossage a notary public in
Antelope County
and for the State of Nebraska this
14th day of June 1875

J B Gossage
Notary Public

I Frank Crowell

Deputy Surveyor
do Solemly Swear that
in persuance of a Joint
Contract - Where in
Chauncey Wittse Frank
Crowell & George W
Burton are Joint
Contractors with E. E.
Cunningham United
States Surveyor Ineard
for the district of
Nebraska bearing date
the 29th day of April 1875
I have well faithfully
and truly in my own
proper person and
in Strict Conformity
with the instructions
furnished by the Surveyor
General the Surveying
Manual and the laws
of the United States
Surveyed all those
parts or portions
of townships 33 North

of the base line of
Range No 17 West of
the Sixth principal
Meridian as are
represented in the foregoing
field notes as having
been surveyed under
my direction and I
do further Solemly Swear
that all the Corners of
said Surveys have been
Established and perpetuated
in Strict accordance
with the Surveying Manual
and Printed Instructions
and the Surveyor General *
and that the foregoing
are the true and
original field notes
of Such Survey

Frank Crowell
Deputy Surveyor

Subscribed and sworn to before me
J. B. Gossage a notary public in and
for Antelope County State of Nebraska this 14th
day of June 1875

74

Surveyor Generals Office
Plattsmouth Neb Aug 4th 1875.

The foregoing field notes of the Subdivision and Meanders of Township 33 N of Base Line & Range 17 W of 6th P.M. in Neb. Executed by Frank Crowell under Joint Contract No 84 dated Upon 29th 1875. in the months of May and June 1875. having been critically examined the necessary corrections and Explanations made, the said field notes with the Surveys they describe are hereby approved

Jno. J. Clark.

Surveyor General

72

76

779

Field Notes
of
Survey of Islands
in
Section 34
T. 33 N.
R 17 W
by
J. H. Davenport Dept Sur
June 1885

Oaths of Assistants and surveyor
See page ---- Vol ----

Surveyor Generals Approval
See page --- Vol ---

Field Notes
of the Survey of the meander
lines of an island Situated
in Section 34 Township 33
North in Range 17 West
in Nebraska
and an island in secs 2 and 3 T 32 R 18
as Surveyed by J. H. Davenport
U S Deputy Surveyor
Under his instructions
Dated December 8th 1884
Survey Commenced
June 17th 1885
" Completed
June 22nd 1885
Names and duties of assistants,

Frank Phipps Chainman
Frank Littlefield Chainman
James Young Axman
Walter Groom Flagman
Geo Davenport Axman

80

81

We Frank Phipps and Frank D. Littlefield do Solemnly Swear that we will well and faithfully execute the duties of Chain carriers that we will level the chain upon even and uneven ground and plumb the tally pins either by sticking or droping the same. that we will report the true distance to all notable objects and the true length of lines that we assist in measuring to the best of our skill and ability and in accordence with instructions given us in the Survey of an Island situated in the Niobrara River in Sections 2 & 3 Township 32 N Range 18 W in Nebraska Also an Island situated in the Niobrara River in Section 34 Township 33 N Range 17 W in Nebraska

Frank Phipps Chainman
Frank D. Littlefield Chainman
Over

The within Statement and oath Subscribed and sworn to before me this 16th day of June 1885

Frank W Tarbell
Notary Public

We James Young and Walter W Groom do solemnly swear that we well and truly perform the duties of Axmen in the establishment of Corners and other duties according to instructions given us in the survey of an Island situated in the Niobrara River in Sections 2 & 3 Township 32 Range 18 W in Nebraska. Also an Island situated in the Niobrara River in Sec

34 Township 33 N Range 17 W in Nebraska.

James Young Axman
Walter Groom Axman

Subscribed and Sworn to before me this 16th day of June 1885

Frank W Tarbell
Notary Public

Meander of island contained in Sec 34 Township 33 N Range 17 West of 6th P.M. Neb

I go W the North-West corner of Sec 34 which is a mound with 4 pits post gone I run east on true line between Secs 34 & 27 Variation 13° E

10.00 chains enter bottom N E & S W

22.18 I find meander cor. which is a mound of earth with pits N E. S W & West, post is broke off. I Set post 4 ft long 18 ins deep marked M C on face. left bank of Niobrara river North-channell 2 1/2 feet deep bank 4 ft high.

29.18 North bank of island Set post with chased Stake. 4 feet long 18 ins in the ground for meander Cor. marked M C on face dug 3 pits 1 ft deep 8 links E N & S raised mound of earth 2 ft high 4 ft base around post. thence I ran downstream with meanders of island

	Va 13° E		
East	12.00 chs		
S 76° E	13.30 "		to foot of island enter brush
S 9° E	3.30 chs		
S 56 1/2 W	8.00 "		Up Stream bank 4 ft high
S 38° W	8.00 "		to road across island to a point where there had been a bridge
S 69 1/2 W	8 60 chs		
	June 17th 1885		
N 82° W	2.65 chs		
S 76° W	2.50 "		
S 41 1/2 W	1.20 "		
S 71 1/2 W	2.45 "		
S 74 1/2 W	9.00 "		Channell 4 chs wide to head of a small island
N 69 1/2 W	1.00 "		
S 87 1/2 W	5.70 "		to head of island bank 3 ft high
N 35° W	4.00 "		on bar
N 41° E	8.00		down Stream leave enter brush
N 46° E	6.00 chs		
N 24° E	5.50 "		at 4 chains bridge bank 3 ft high Channell 1 ch wide
N 74 1/2 E	4.70 chs		to place of begining

This island is covered with Cottonwood and willows

(over)

Meanders of island contained in Section 34 Continued

Soil a Sandy loam 2nd rate it has been connected with the main land on the North by a bridge it has also been connected with a Smaller island on the South by a bridge this bridge is now gone except a few piling in the channell there is no buildings or other improvements or other evidence of its being claimed
There is no town or village near there is a postoffice within 1/2 mile

June 18th 1883.

J H Davenport
U.S Deputy Surveyor

Field Notes
of the
Survey and Sub-divisions
of
Township No 34 North
of the
Base Line
of
Range No 17 West
of the
6th Prin. Meridian
in the
State of Nebraska

Executed
by Frank Crowell, Dep
uty Surveyor, under
Joint Contract No. 89
dated April 29th 1875

Survey
Commenced June 4th 1875
Completed June 7th 1875

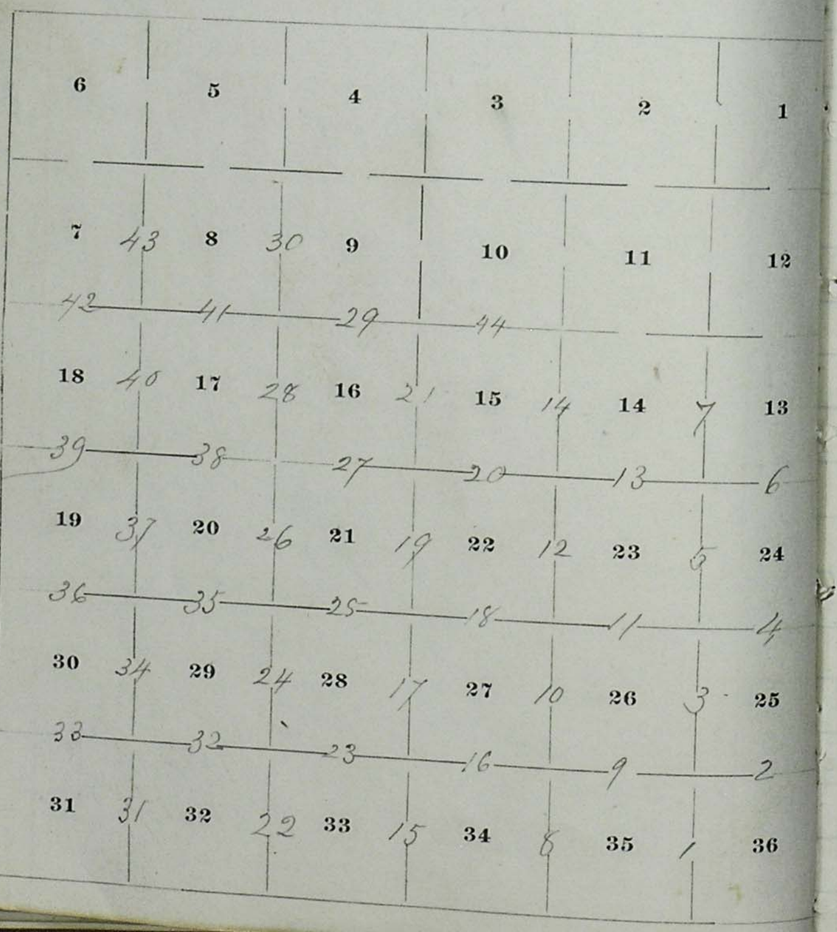
86

Me
Se

Index Diagram

Town. 34 North
Base of the Line
Range 17 West
6th of the Prin. Meridian.

6		5		4		3		2		1
7	43	8	30	9		10		11		12
42		41		29		44				
18	40	17	28	16	21	15	14	14	7	13
39		38		27		20		13		6
19	37	20	26	21	19	22	12	23	5	24
36		35		25		18		11		4
30	34	29	24	28	17	27	10	26	3	25
33		32		23		16		9		2
31	31	32	22	33	15	34	8	35	1	36



List of Names

A list of the names of the persons who were employed to assist in surveying and sub-dividing this Township.

Fred A. Sears } Chainmen
Auckeney Miller }

C. H. Brown } Mountmen
Esau Beldin } Axmen & Flagmen

Township 34 North — Range 17 West 6th P.M.

To determine the proper adjustment of my compass for sub-dividing this Township I begin at the corner to Townships 33 and 34 North of the Base line. Ranges 16 and 17 West of 6th Prin. Meridian and run thence North on a blank line along the East boundary of Sec. 36.

Variation 13° 50' E

40.05 To a point 11 lks. West of ¼ Sec. Corner —

80.06 To a point 23 lks. West of Corner to Secs. 25 and 36

Therefore to retrace this line or run parallel thereto my compass must be adjusted to

Variation 13° 40' E —

chains

From the corner to Secs. 35 and 36 on the South boundary of the Township

I run

North bet. Secs. 35 and 36

Variation 13° 40' E

37.60 Ravine 10 links wide wide N.E.

40.00 Set Cedar post 3 in × 2 in × 4 ft — 12 in deep, deposit chained stake raise mound of earth 2 ft high from pits 22 in × 22 in — 12 in deep for ¼ Sec. Corner

80.00 Set Cedar post 3 in × 3 in × 4 ft — 12 in deep deposit chained stake and raise mound of earth 2 ft high from pits 24 in × 24 in — 12 in deep for corner to Secs. 25. 26. 35 and 36 —

Surface rolling

Soil sandy. 2d rate

Township 34 North

chains	
	East on random line bet. Secs. 25 and 36 Variation 13° 40' E
25.84	Ravine, standing water, 10 lks. wide, scattering oaks bears N.E.
40.00	Set post for temporary ¼ Section Corner
79.86	Intersect East boundary of Township at a point 14 lks. South of corner to Secs. 25 and 36 from which cor. I run S. 89° 54' W on line int. bet. Secs. 25 & 36 Variation 13° 40' E
39.93	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep, deposit charred stake, raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec Cor
79.86	Corner to Secs. 25.26.35 and 36
	Surface rolling Soil sandy 2d. rate Timber, Oak &c

Range 17 West 6th P.M.

chains	
	North bet Secs. 25 and 26 Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep, Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in - 12 in deep for ¼ Section Corner
70.56	Spring branch 8 lks. wide in deep Oak ravine bears East
80.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep Deposit charred stake raise mound of earth - 2 ft high from pits 24 in x 24 in, 12 in deep for corner to Sections 23.24.25 and 26.
	Surface rolling Soil sandy 2d. rate Timber Oak

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Township 34 South-

5

Range 17 West 6th P.M.

Chains	
X	East on random line bet. Sec. 24 and 25
	Variation 13° 40' E
40.00	Set post for temporary ¼ Sec. Corner -
65.40	Spring branch 8 lks. wide in deep Oak ravine. N.E.
80.20	Intersect East boundary of Township at a point 48 lks. South of corner to Sec. 24 and 25
	From which I run S 89° 39' West on line line bet. Sec. 24 and 25
	Var. 13° 40' East
40.10	Set Cedar post 3 in x 2½ x 4 Ft. 12 in deep. Deposit chained stake, raise mound of earth 2 Ft high. Iron pits 22 in x 22 in - 12 in deep for ¼ Sec. Corner -
80.20	Corner to Sec. 23. 24. 25 - 26.
	Surface rolling Soil sandy 2nd rate Timber Oak

Chains	
	North bet. Sec. 23 and 24
	Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 Ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 Ft high. Iron pits 22 in x 22 in - 12 in deep. for ¼ Sec. Corner.
60.60	Enter timber & bottom N.W. &
63.00	Leave timber " " "
80.00	Set Cedar post 3 in x 2 in x 4 Ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 Ft high. Iron pits 24 in x 24 in - 12 in deep for corner to Sec. 13. 14. 23 and 24
	Surface Upland rolling Soil 2nd rate
	Bottom level. Soil 2nd rate Timber Oak 2nd Cottonwood

Township 34 North — Range 17 West, 6th P.M.

chains	
	Knowing that I will intersect Keya-Paha R. in less than 80 chains I run.
	East on a true line bet. Sec. 13 and 24
	Variation 13° 40' East
26.75	To the South bank of the Keya-Paha R. and set a Cedar post for Meander Corner to frac. Sec. 13 and 24 from which
	A Cottonwood 10 in dia. bears S 50' W 110 chs dist.
	Surface level
	Soil 2d rate.

chains	
	North bet Sec. 13 and 14
	Variation 13° 40' E
21.66	To Keya-Paha River South bank and set a Cedar post 3 in × 2 in × 4 ft — 12 in deep. Meander Corner to fractional Sec. 13 and 14
	from which
	A Cottonwood 8 in dia bears S 1° E 160 lks. distant
	Surface level
	Soil 2d rate

Township 34 North—

Chains	
	North bet. Sec. 34 & 35 —
	Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 Ft - 12 in dep. Deposit chand stake, raise mound of earth - 2 Ft high from pits 22 in x 22 in 12 in dep, for ¼ Sec Cor —
80.00	Set Cedar post 3 in x 3 in x 4 Ft - 12 in dep., deposit chand stake, raise mound of earth - 2 Ft high from pits 24 in x 22 in 12 in deep for Corner to Sec.' 26 27, 34 and 35
	Surface rolling
	Soil sandy 2nd rate —

Range 17 West 6th P.M.

Chains	
	East on random line bet. Sec.' 26 and 35
	Variation 13° 40' E.
40.00	Set post for temporary ¼ Sec. Corner.
79.34	Intersect N. and S. line at a point 12 lks. N. of corner to Sec.' 25. 26. 35 and 36 from which corner Iron
	N. 89° 55' W. feet on line bet. Sec.' 26 and 35
	Variation 13° 40' E
39.67	Set Cedar post 3 in x 2 in x 4 Ft - 12 in deep Deposit chand stake raise mound of earth - 2 Ft high. from pits 22 in x 22 in 12 in deep for ¼ Sec. Corner to Sec.' 26. 27 34 and 35
79.34	Surface rolling Soil sandy 2nd rate

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Township 34 North-

chains	
	North-bet Secs. 26 & 27
	Variation 18° 40' E
40.00	Set Cedar Post 8 in
	x 2 in x 4 Ft - 12 in
	dep. Deposit chaned
	stake, raise mound
	of earth 2 Ft high
	from pits 22 in x 22 in
	12 in dep. for
	1/4 Sec. corner.
41.19	Spring Branch 2 lks wide N.E.
73.31	Spring Branch 3 lks wide East.
80.00	Set Cedar post 8 in x 3 in
	x 4 Ft - 12 in dep
	Deposit chaned
	stake, raise mound
	of earth 2 Ft high
	from pits 24 in x 24 in
	12 in dep for corner
	to Secs. 22. 23. 26 &
	27.
	Surface rolling
	Soil 2nd rate Sandy

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Range 17. West 6th P.M.

chains	
	East on random line
	bet. Secs. 23 and 26
	Variation 18° 40' E
26.80	Spring branch 6 lks wide
	in Oak ravine. S.E.
44.40	Same bears S.E.
79.80	Intersect N. and S.
	line at a point 26 lks
	N. of corner to Secs.
	23. 22 & 25 and 26
	from which corner
	I run
	N 89° 49' West on true
	line bet. Secs. 23 and
	26
	Variation 18° 40' E.
39.90	Set Cedar post 8 in x 2 in
	x 4 Ft - 12 in dep. Deposit
	chaned stake, raise mound
	of earth 2 Ft high from
	pits 22 in x 22 in - 12 in
	dep for 1/4 Sec Corner.
79.80	Corner to Secs. 22. 23.
	26 and 27
	Surface rolling. Soil sandy
	2nd rate.

Township 34 South-

Chains	
	North bet Sec. 23 & 24
	Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 ft. 12 in. dup, Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in. 12 in dup for ¼ Sec. Corner
80.00	Set Cedar post 3 in x 2 in x 4 ft- 12 in deep Deposit chained stake raise mound of earth- 2 ft high from pits 24 in x 24 in 12 in deep for cor. to Sec. 14. 15. 22 and 23 Surface rolling Soil sandy 2d rate

Range 17 West 6th PM.

Chains	
	East on a random line bet Sec. 14 and 23
	Variation 13° 40' E
40.00	Set post for temporary
40.00	¼ Section Corner-
42.00	Enter bottom N. W. and
42.00	S.E.
79.92	Intersect N and S line
79.92	at a point 10 lks South of corner to Sec. 13. 14. 23
	N 24 from which corner
	1 mm
	S 89° 56' West on true line bet Sec. 14 and 23.
	Variation 13° 40' E
39.96	Set Cedar post 3 in x
39.96	2 in x 4 ft- 12 in deep. Deposit chained stake raise mound of earth- 2 ft high. from pits 22 in x 22 in 12 in deep for ¼ Sec. Corner-
79.92	corner to Sec. 14. 15. 22
79.92	and 23 Surface rolling and bottom level Soil 2d rate-

Township 34 North

chains	
	North bet Secs. 14 and 15
	Variation 13° 40' E
17.00	Enter bottom and Oak timber E and W.
21.00	Right bank Keya Paha
	Set Cedar post 3 in x 2 in x 4 ft. for meander Corner to fractional Sections 14 and 15 from which corner
	A Bur Oak 15 in dia bears S 32° E 26 Chs
	A Bur Oak 18 " " " S 55 W 57 " "
	Surface rolling
	Soil 2" rate
	June 4th 1875

Range 17 West 6th P.M.

chains	
	From the established corner to Secs. 33 and 34 on S. boundary of Town. I run
	North bet. Secs. 33 and 34
	Variation 13° 40' E
40.00	Set Cedar post. 3 in x 2 in x 4 ft. 12 in deposit charred stake. raise mound of earth 2 ft high. from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor.
80.00	Set Cedar post 3 in x 3 in x 4 ft 12 in deep Deposit charred stake raise mound of earth 2 ft high from pits 24 in x 24 in. 12 in deep. for corner to Secs. 27. 28. 33 and 34
	Surface gently rolling
	Soil 2" rate

Township 34 North

chains	
	East on random line bet. Secs. 27 and 34
	Variation 13° 40' E
18.40	Spring branch 2 lks. wide N.
40.00	Set post for temporary ¼ Sec. Cor.
68.35	Spring branch 2 lks. wide N.
80.60	Intersect N. and S. line at a point 22 lks N. of corner to Secs. 26. 27. 34 and 35 from which corner I run
	N 89° 51' West on true line bet. Secs. 27 and 34
	Variation 13° 40' E.
40.30	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep Deposit chained stake, raise mound of earth 2 ft high from pits 22 in × 22 in - 12 in deep for ¼ Sec. Cor.
80.60	Corner to Secs. 27. 28. 33 and 34
	Surface gently rolling Soil 2d. rate

Range 17 West 6th P.M.

chains	
	North bet Secs. 27 and 28
	Variation 13° 40' E
35.00	Spring branch 3 lks. wide bears East
40.00	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep Deposit chained stake raise mound of earth 2 ft high from pits 22 in × 22 in - 12 in deep for ¼ Sec. Corner
80.00	Set Cedar post 3 in × 3 in × 4 ft - 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 24 in × 24 in - 12 in deep for corner to Secs. 21. 22. 27 and 28
	Surface rolling Soil 2d. rate

Township 34 North

chains	
	East on random line bet. Secs. 22 and 27
	Variation 13°40' E
40.00	Set post for temporary ¼ Sec. Corner -
80.00	Intersect N. and S. line at a point 48 lks. N. of corner to Secs. 22. 23. 26 and 27 from which corner I run N. 89° 39' West on true line bet Secs. 22 and 27
	Var. 13° 40' East
40.00	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep. Deposit charred stake. raise mound of earth - 2 ft high from pits 22 in × 22 - 12 in deep for ¼ Sec. Cor -
80.00	Corner to Secs. 21. 22. 27 and 28
	Surface rolling
	Soil 2d. rate

Range 17 West 6th P. M.

chains	
	North bet Secs. 21 and 22
	Variation 13°40' E
40.00	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in × 22 in - 12 in deep for ¼ Sec. Corner -
80.00	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep Deposit charred stake raise mound of earth 2 ft high. from pits 24 in × 24 in. 12 in deep for corner to Secs. 15. 16. 21 and 22
	Surface rolling
	Soil 2d. rate

Township 34 North

chains	
	East on random line bet Secs 15 and 22
	Variation 13°40' E
40.00	Set post for temporary ¼ Section Corner
79.70	Intersect N and S line at a point 40 lks N. of corner to Secs 14, 15, 22 and 23 from which corner I run N 89°43' West on true line bet Secs 15 and 22
	Variation 13°40' E
39.75	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep Deposit charred stake raise mound of earth 2 ft high from pits 22 in × 22 in - 12 in deep for ¼ Sec. Corner
79.70	Corner to Secs 15, 16, 21 and 22
	Surface rolling
	Soil 2d rate

Range 17 West 6th P.M.

chains	
	North bet. Secs 15 and 16
	Variation 13°40' E
40.00	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep Deposit charred stake raise mound of earth 2 ft high from pits 22 in × 22 in 12 in deep for ¼ Sec. Corner
57.50	Enter bottom S.W. and N.E. with scattering Cottonwood trees and willow bunch
62.40	Right bank of Keya Paha River and set post for Meander Corner to fractional Secs 15 and 16 from which
	A Cottonwood 30 in dia S 22 W 248 lks dist
	A Cottonwood 24 " " S 60 E 260 " "
	Surface rolling
	Soil 2d rate

For line between Sections 10 & 15 see Page 44. (Write this next)

Township 34 North Range 17 West 6th P.M.

chains		chains	
	North bet. Sec. 32 & 33		East on random line
	Variation 13° 40' E		bet Sec. 28 and 33
40.00	Set Cedar post 3 in		Variation 13° 40' E
	x 2 in x 4 ft - 12 in deep	16.00	Spring branch 2 lks
	Deposit chaned stake		wide N.E.
	raise mound of earth -	40.00	Set post for temporary
	2 ft high. Iron pits		1/4 Section Corner
	2 in x 2 in - 12 in deep	79.76	Intersect N. and S. line
	for 1/4 Sec. Corner -		at a point 1 lk E.
65.00	Head of Spring branch		of corner to Sec. 27, 28
	N.E. 2 lks wide		33 and 34 from which
80.00	Set Cedar post 3 in x 2 in		corner a bur
	x 4 ft - 12 in deep. Deposit		N 89° E 2 links West on true
40	chaned stake, raise		line bet. Sec. 28 and 33
	mound of earth 2 ft		Variation 13° 40' East
	high. Iron pits - 2 in	39.88	Set Cedar post 3 in x 2 in
	x 2 in, 12 in deep		x 4 ft - 12 in deep. Deposit
	for corner to Sec. 28.		chaned stake, raise
	29, 32 and 33		mound of earth. 2 ft
	Surface gently rolling		high Iron pits - 2 in
80.	Soil 2nd rate.		x 2 in - 12 in deep
			for 1/4 Sec. Corner -
		79.76	Corner to Sections 28, 29,
			32 and 33 -
			Surface gently rolling
			Soil sandy 2nd Drake

Township 17 North

chains	
	North bet. Secs. 28 and 29
	Variation 13° 40' East
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth 2 ft high. from pits 22 in x 22 in - 12 in deep for ¼ Sec. Corner
80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high. from pits 24 in x 24 in - 12 in deep for corner to Sections 20. 21. ~~22~~ 28 and ~~33~~ 29
	Surface rolling
	Soil sandy 2d rate

Range 17 West, 6th P. M.

chains	
	East on random line bet. Secs. 21 and 28
	Variation 13° 40' E.
40.00	Set post for temporary ¼ Section Corner.
79.60	Intersect N. and S. line at a point 25 lks. N. of corner to Secs. 21. 22. 27 and 28. from which corner I run
	N 89° 49' West on true line bet. Secs 21 and 28
	Variation 13° 40' E
39.80	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit charred stake. raise mound of earth 2 ft high from pits 22 in x 22 in - 12 in deep. for ¼ Sec. Corner
79.60	Corner to Secs. 20. 21. 28 and 29
	Surface gently rolling
	Soil sandy 2d rate

Township 34 North

chains	
	North bet. Sec. 20 and 21
	Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth - 2 ft high. from pits 22 in x 22 in 12 in deep. for 1/4 Sec. Cor -
80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth - 2 ft high. from pits 24 in x 24 in - 12 in deep. for corner to Sec. 16.17.20.21
	Surface gently rolling Soil sandy 2" rate -

Range 17 West 6th P.M.

chains	
	East on random line bet Sec. 16 and 21
	Variation 13° 40' E
40.00	Set post for temporary 1/4 Section Corner
79.62	Intersect N and S line at a point 8 lks. N. of corner to Sec. 15.16.21 and 22 from which corner I run N 89° 57' West on true line bet Sec. 16 and 21
	Variation 13° 40' E
39.81	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 ft high. from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor
79.62	Corner to Sec. 16.17.20 and 21
	Surface gently rolling Soil 2" rate

Township 34 North-

chains	
	North bet. Secs. 16 and 17
	Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep Deposit charred stake raise mound of earth - 2 ft high from pits 22 in x 22 in - 12 in deep for 1/4 Sec. Cor -
80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. Deposit charred stake. raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Sections 8. 9. 16 and 17
	Surface gently rolling Soil 2d rate

Range 17 West 6th P.M.

chains	
	Knowing that I will intersect Keya-Paha River at a point less than 80 chains from the corner I run East on a true line bet. Secs. 9 and 16
	Variation 13° 40' E
18.00	Entry Bottom bears N and S.
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit charred stake. raise mound of earth 2 ft high from pits 22 in x 22 in - 12 in deep for 1/4 Sec. Cor.
69.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. for Meander Corner to frac. Secs. 9 and 16 from which A Cottonwood 18 in dia bears N 50° W 150 lks. dist. Surface sandy Soil 2d rate

Township 34 North — Range 17 West 6th P.M.

chains	
	North bet. Secs. 8 and 9
	Variation 13° 40' E
4.50	Enter bottom E and W.
8.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep, for meander corner on South bank of Kegan Padra R. to fractional Secs. 8 and 9. from which A Cottonwood 8 in dia. bears S 40° East 15 lks. distant
	Surface rolling, except bottom, level. Soil 2d. rate.
	June 5th 1875

chains	
	From established cor. to Secs. 30 & 31 and 31 & 32 on South boundary 9 [illegible] North bet. Secs. 31 and 32
	Variation 13° 40' E
19.00	Wagon trail N.W.
20.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit chained stake. raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec Corner -
80.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. Deposit chained stake. raise mound of earth 2 ft high, from pits 24 in x 24 in 12 in deep for corner to Secs. 29. 30. 31. 32.
	Surface rolling. Soil sandy 2d. rate

Township 34 North — Range 17 West 6th P.M.

chains	
	East on random line bet. Secs. 29 and 32
	Variation 13° 40' E
40.00	Set post for temporary ¼ Section Corner —
79.70	Intersect N. and S. line at a point 68 lks. N. of corner to Secs. 28. 29. 32 and 33 from which corner I run N 89° 31' West on true line bet. Secs. 29 and 32
	Var. 13° 40' East
39.85	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep. Deposit chained stake. raise mound of earth - 2 ft high from pits 22 in × 22 in 12 in deep for ¼ Sec. Cor.
79.70	Corner to Secs. 29. 30. 31 and 32
	Surface gently rolling Soil 2d rate

chains	
	West on random line bet Secs. 30 and 31
	Variation 13° 40' E
40.00	Set post for temporary ¼ Sec. Corner.
80.30	Intersect West boundary of Township at post Corner to Secs. 30 and 31 from which corner I run
	East on a true line bet. Secs. 30 and 31
	Variation 13° 40' E
40.30	Set Cedar post 3 in × 2 in × 4 ft - 12 in deep. Deposit chained stake. raise mound of earth - 2 ft high from pits 22 in × 22 in × 4 ft - 12 in deep for ¼ Sec. Corner —
80.30	Corner to Secs. 29. 30. 31 and 32
	Surface gently rolling Soil sandy 2d rate

Township 34 North — Range 17 West 6th P.M.

chains	
	North bet Secs. 29 and 30
	Variation 13° 40' East
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor.
80.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for Corner to Secs. 19. 20. 29. 30
	Surface gently rolling Soil 2d rate

chains	
	East on random line bet Secs. 20 and 29
	Variation 13° 40' E
40.00	Set post for temporary 1/4 Sec. Corner.
79.84	Intersect N and S line at a point 50 lks N. of corner to Secs. 20. 21. 28 and 29 from which corner I run N 89° 39' West on true line bet. Secs 20 and 29
	Var - 13° 40' E
39.92	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor.
79.84	Corner to Secs. 19. 20. 29 and 30
	Surface gently rolling Soil 2d rate

Township 34 North-

chains	
	West on random line bet Secs 19 and 30
	Variation 13°40' E
16.30	Stream 2 lks wide North-
40.00	Set post - for temporary ¼ sec.
43.20	Stream 3 " " NE
46.00	Stream 3 " " NE
80.40	Intersect West boundary of Township at a point 20 lks N. of corner to Secs 19 and 30 from which corner I run N 89° 51' East on true line bet Secs 19 and 30
	Variation 13°40' E
40.40	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Corner to Secs 19.20. 29 and 30.
80.40	
	Surface gently rolling Soil sandy 2d rate

Range 17 West 6th P.M.

chains	
	North bet Secs 19 and 20
	Variation 13°40' E
40.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Corner
80.00	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 deep for Corner to Secs 17. 18. 19. 20.
	Surface gently rolling Soil 2d rate

Township 34 North

chains	
	East on random line bet. Secs. 17 and 20
	Variation 13° 40' E
40.00	Set post for temporary ¼ Sec. Corner.
80.00	Intersect N. and S line at a point 10 lks. N. of corner to Secs. 16.17 20 and 21 from which corner I run
	N 89° 56' West on true line bet Secs. 17 and 20
	Variation 13° 40' E
40.00	Set Cedar post 3 in x 2 in x 4 ft. 12 in deep Deposit chained stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor.
80.00	Corner to Secs. 17.18.19 20
	Surface rolling
	Soil 2d rate

Range 17 West 6th P. M.

chains	
	West on random line bet Secs. 18 and 19
	Variation 13° 40' E
8.50	Marsh 8 lks. wide N.E.
29.00	Spring branch 8 lks wide N.E.
40.00	Set post for temporary ¼ Sec. Corner
80.58	Intersect Westbound
80.58	any of Township at a point 28 links Length of corner to Secs. 18 and 19 from which corner I run
	S 89° 48' East on true line bet. Secs. 18 and 19
	Variation 13° 40' E
40.58	Set Cedar post 3 in x 2 in x 4 ft. 12 in deep Deposit chained stake raise mound of earth 2 ft high from pits 22 in x 22 in for ¼ Sec. Corner
80.58	Corner to Secs. 17.18.19 & 20
	Surface rolling - Soil 2d rate

Township 34 North — Range 17 West 6th P.M.

chains	
	North bet Secs 17 and 18
	Variation 13° 40' E
21.00	Enter bottom N.E. and S.W.
21.80	Stream 5 lks. wide N.E.
24.50	Same bears N.W. 5 lks.
32.80	Same 5 lks. wide bears N.E.
40.00	Set Cedar post 3 in x 2 in x 4 ft. 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor
40.15	Same Stream N.W. 5 lks.
48.40	Same Stream N.E. 5 "
52.00	Stream 5 lks. wide East
53.00	Leave bottom E. and W.
80.00	Set Cedar post 3 in x 2 in x 4 ft. 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs 7. 8. 17 and 18
	Surface rolling
	Soil sandy 2d rate

chains	
	East on random line bet Secs 8 and 17
	Variation 13° 40' E
16.50	Enter bottom N. and S.
25.50	Stream 6 lks. wide N.E.
40.00	Set post for temporary ¼ Section Corner
46.50	Enter Oak timber N.W. and S.W.
54.50	Leave Oak timber N.W. and S.E.
72.50	Leave bottom N.E. and S.W.
80.50	Intersect N. and S. line at a point 9 lks. N. of corner to Secs 8. 9. 16 and 17 from which corner I run
	N 89° 56' West on true line bet Secs 8 and 17
	Variation 13° 40' E
40.25	Set Cedar post 3 in x 2 in x 4 ft 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor
80.50	Corner to Secs 7. 8. 17. 18
	Surface rolling
	Soil sandy 2d rate

Township 34 North Range 17 West 6th P.M.

chains	chains	
		West on random line bet. Sec. 7 and 18
		Variation 13°40' E
40.00	40.00	Set post for temporary ¼ Sec. Corner
80.00	80.40	Intersect West boundary of Township at a point 10 lks. N. of corner to Sec. 7 and 18 from orbrich corner I run N 89°56' East on true line bet Sec. 7 and 18.
40.00		Variation 13°40' E
	40.40	Set Cedar post 3 in x 2 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high. from pits 22 in x 22 in - 12 in deep for ¼ Sec. Corner
80.00	80.40	Corner to Sec. 7.8.17.18
		Surface rolling
		Soil sandy 2d rate

chains	
	North bet Sec. 7 and 18
	Variation 13°40' E
18.45	Intersect Kaya-Paha River and on an abrupt bank set a Cedar post 3 in x 2 in x 4 ft - 12 in deep Deposit charred stake raise mound of earth - 2 ft high from pits 22 in x 22 in - 12 in deep for Meander Corner to fractional Sec. 7 and 8
	Surface gently rolling
	Soil 2d rate

June 6th 1875

Township 34 N. Range 17 West of the 6th Principal Mer

	X.	From the course taken by the Keya-paha River I feel certain that it will cross the line between sections 10 and 15 and take its course in section ten.
		I therefore begin at the Meander corner between sections 15 & 16 and run thence North across the river
		Variation 13° 40' E
40.00	80.00	to the section line between section 10 and 15 thence East on a true line between sections 10 & 15
		Variation 13° 40' E.
80.00	19 35	to right bank of river where I set a Meander Corner to fractional sections 10 and 15 being a Cedar post 2 in × 3 in × 4 ft long, deposit charred stake raise Mound 2 ft high

	from pits 22 in × 22 in × 12 in deep for Meander corner
40.00	set a Cedar post 2 in × 3 in × 4 ft long, deposit charred stake raise a Mound 2 ft high from pits 22 in × 22 in × 12 in deep for 1/4 section Corner
19 18	Intersect the right bank of the Keya-paha river and set a Cedar post 2 in × 3 in 4 ft long, deposit charred stake raise Mound 2 ft high from pits 22 in × 22 × 12 in deep for Meander corner to fractional sections 10 & 15
	Surface rolling
	Soil 2d rate

June 5th

Township 34 South-

Meanders of the Keya-Paha River through this Township.

Begin at Meander Corner to fractional Secs 7 & 12 from the South- and Right bank of Keya-Paha River and run with the Meanders of said Right bank, down Stream in Sec. 7 as follows; —

Variation 13° 40' E.

Course	Chains	
S 87° E	7.20	
N 47½ E	9.80	
S 75 E	15.70	
S 37 E	12.00	
S 7½ E	21.70	
S 27 E	12.00	
N 75½ E	11.40	
N 69 E	10.00	
S 71 E	9.90	
S 64½ E	8.20	To Meander Corner to fractions Secs 7 and 8

Range 17 West 6th P.M.

2		Thence in Section 8
Courses	Chains	
N 67½ E	15.00	
N 58 E	10.00	
N 79 E	13.70	
S 61 E	15.60	to mouth of Stream
S 51½ E	23.90	
S 76 E	10.00	
S 85½ E	2.20	To Meander corner to fractional Secs 8 and 9 Thence in Section 9
3		
S 86½ E	13.60	
N 84 E	19.50	
N 58 E	16.20	
S 78 E	19.00	
S 14½ E	14.00	To Meander Corner to fractional Secs 9 and 16 Thence in Sec 16
S 14½ E	11.60	
S 52 E	10.50	To Meander Corner to fractional Secs 15 and 16, Thence in Sec 15
N 57¼ E	11.00	
N 41½ E	15.50	To Meander Corner to fractional Secs 10 and 15 — Thence in Sec. 10
N 41½ E	7.70	
N 63½ E	14.60	
S 57½ E	13.70	
S. 4 W	5.20	To Meander Cor to fractional Secs 10 and 15, Thence in Sec 15
S 4 W	12.40	

Township 34 South.

Range 17 West 6th P.M.

Courses	Chains	
S 12¼ W	14.50	
S 25 E	14.40	
S 61 E	9.20	
S 81 E	11.70	
S 33 E	16.00	To Meander Corner 6
	8	Frac Sec. 14 and 15, thence in Sec. 14
S. 33 E	5.40	
N 80½ E	11.30	
N 56¾ E	15.00	
N 89 E	15.30	
S 73½ E	22.70	
N 73¼ E	13.10	
S 48½ E	5.50	To Meander Corner 6 frac
	9	Sec. 13 and 14 Thence in Sec 13
S 48½ E	6.20	
S 88 E	11.00	
S 33 E	20.60	To Meander Corner 6
	10	Sec. 18 and 24 Thence in Section 24
S 32½ E	14.60	
N 85½ E	21.40	
S 55 E	20.00	
S 42 E	12.50	To Meander Corner 6
	11	Sec. 19 and 24 on 2nd Guide Meridian.

Meander of Right Bank of Koyukuk River through

June 6th 1875

General Description.

This Township is generally rolling. Soil Sandy and Gravelly and good 2nd rate. The Township has a South slope to the Koyukuk River, which passes through the South-eastern portion of the Township and is part of the West Boundary of the State.

This Township is well supplied with water from numerous Spring branches which flow South to the Koyukuk River. There is also considerable timber along these streams as well along the river. This timber is chiefly oak and Cottonwood. The north boundary

Township 34 North Range 17 West 6th P.M.

and Black Hills wagon road runs across the Southwestern Corner. This Township is well adapted to agriculture and grazing.

[illegible]

[illegible] Members of Island [illegible] follows.

List of Names

A list of the names of the individuals who were employed to assist in running measuring or marking the lines and corners described in the foregoing field notes of Township 34 N. of Base line of Range No 17 West of 6th Prin. Meridian, showing the respective capacities in which they acted;

Fred A. Sears } Chainmen
Anckeney Miller }

C. H. Brown } Monumenter
Esau Beldin } Axmen
} Flagmen

Subscribed and sworn to before me this 14th day of June 1873 — J. B. Cossage Antelope County Notary Public in and for the State of Nebraska

We hereby certify that we assisted Frank Crowell Deputy Surveyor in Surveying the Exterior boundaries and Subdividing and meandering township no 34 North of the base line of Range No 17 West of the sixth principal Meridian and that said township has been in all respects to the best of our knowlege and belief well and faithfully Surveyed and the boundary Monuments placed according to the instructions furnished by the Surveyor General and of dimensions characters, construction and marking and in the manner as specifically described in the Surveying field [illegible]

Fred A Sears } Chainmen
Ankeney Miller }
C H Brown } Axmen
Esau his mark Beldin }

I Frank Crowell Deputy Surveyor do Solemnly Swear that in persuance of a joint contract wherein Chauncey Wiltss Frank Crowell and George W Burton are joint contractors with E E Cunningham United States Surveyor General for the district of Nebraska bearing date the 29th day of April 1873 I have well faithfully and truly in my own proper person and in strict conformity with the instructions furnished by the Surveyor General the Surveying Manual and the laws of the United States Surveyed all those parts or portions of township no 34 North of the base line of Range

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No 17 West of the
6th Principal Meridian
as represented in
the foregoing field notes
as having been Surveyed
under my Direction
and I do further Solemnly
Swear that all the Corners
of Said Surveys have
been Established and
perpetuated in Strict
accordance with the
Surveying Manual and
printed instructions
and Special instructions of Surv. Genl
and that the foregoing
are the true and Original
field notes of Such
Surveys

Frank Crowell
Deputy Surveyor

Subscribed and Sworn to
before me this 14th day of
June 1875 J B Savage
Notary Public

Notary Public in and for
Antelope County State of Nebraska

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Surveyor Generals Office
Plattsmouth Neb Aug 14th 1875
The foregoing field Notes of the Survey of Township No 34 N of Base Line of Range No 17 W of 6th P.M. in Nebraska Executed by Frank Crowell under joint Contract No 89 dated April 29th 1875.
In the month of June 1875 having been critically examined, the necessary Corrections and Explanations made, the said field notes, and the surveys they describe are hereby approved

Jno. F. Clark
Surveyor General

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Surveyor Generals Office
Plattsmouth Neb

General Land Office • Original Field Notes

Book Number

421

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.