General Land Office • Original Field Notes

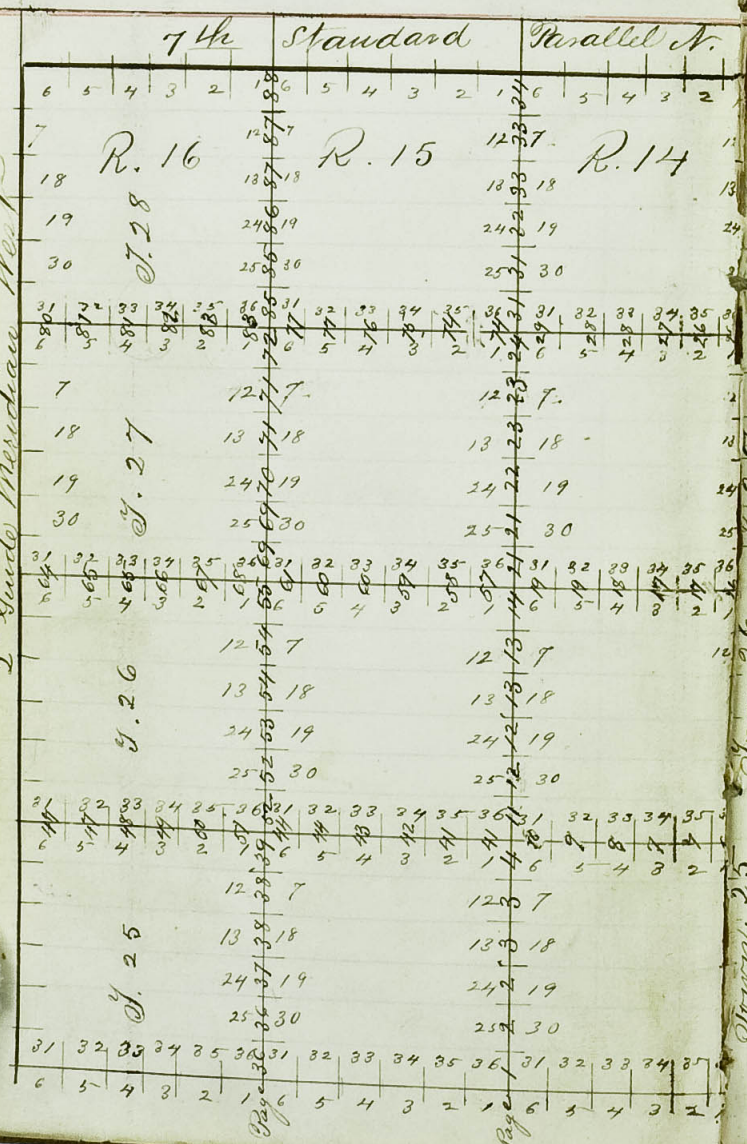
Book Number

234

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.

Index for Tps 29 to 34. Rs 14, 15 & 16
see page 98



Guide Meridian West

Field Notes
of the
Survey of the Exterior Boundaries
of
Townships No. 25. 26. 27 and 28
North of the Base Line
of
Ranges No. 14. 15 and 16
West of the 6th Prin. Meridian
in the
State of Nebraska.

Executed
by Chauncey Wilkie. Deputy
Surveyor, under Joint
Contract No. 58 dated
June 25th 1872

Survey
Commenced July 10th 1872
Completed July 16th 1872

2d Guide Meridian West

List of Names.

A list of the names of individuals employed to assist in surveying the Exterior boundaries of this Township.

A. B. Campbell } Chainmen
W. A. Smith }
Joseph W. Gay } Moundmen
L. Greenier } Axmen & Flagmen.

Township 25 North. Between Ranges 14 and 15 West.

chains	
	Begin at post, the established corner to Townships 24 and 25 on 6th Standard Parallel N. North, in Ranges 14 and 15 West and run North bet. Secs. 31 and 36
	Variation - by Bunt's Improved Solar Compass, 13° 15' East
40.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for corner to Secs. 25. 30. 31 and 36
	Surface 1st 1/2, gently rolling Soil 2d rate
	2d 1/2 - level - Soil 2d rate -

chains	
	North bet Sec. 25 and 30
	Variation 18° 15' East
15.00	Leave Bottom. N.E. and N.W.
40.00	Set post. deposit chaned stake, raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chaned stake. raise mound of earth with pits. as per instructions for corner to Sec. 19. 24. 25 and 30
	Surface rolling
	Soil 3d. rate J-
	North bet Sec. 19 and 24
	Variation 13° 15' East
40.00	Set post. deposit chaned stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chaned stake. raise mound

chains	
	of earth with pits. as per instructions for corner to Sec. 13. 18. 19 and 24
	Surface rolling
	Soil 3d. rate J-
	North bet. Sec. 13 and 18
	Variation 13° 15' East
40.00	Set post. deposit chaned stake. raise mound of earth with pits. as per instructions for 1/4 Section Corner.
80.00	Set post. deposit chaned stake. raise mound of earth with pits as per instructions for Corner to Sec. 7. 12. 13 and 18.
	Surface rolling
	Soil 3d. rate J
	North bet. Sec. 7 and 12
	Variation 13° 15' East

Town. 25 South. Bet. Ranges 14 and 15

Chains	
40.00	Set port. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
55.00	Enter Bottom E. 2 1 and West
80.00	Set port. deposit chained stake. raise mound of earth with pits. as per instructions for Corner to Sec. 1. 6. 7 and 12
	1st 1/2 rolling - Soil 3d. rate
	2d 1/2 level - Soil 2d. rate
	North bet. Sec. 1 and 6
	Variation 13° 15' East
40.00	Set port. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake. raise mound of earth with pits as per instructions for

Bet. Townships 25 and 26 N. Ranges 14 West

Chains	
	corner to Townships 25 and 26 North. Ranges 14 and 15 West;
	Surface level bottom Soil 2d. rate -
	From the corner to Town-ships 25 and 26 N. Ranges 14 and 15 West
	I run
	East on a Random line between Townships - 25 and 26 -
	Variation 13° 15' East
	I set temporary half mile and mile posts at every 40 and 80 chains and at 6 miles and ~~90~~ 70 links I intersect East Boundary of Township at a Spoint 65 links

Between Townships 25 and 26 N. R 14 W.

chains	
	South of port. corner to Townships 25 and 26 N. Ranges 13 and 14 West. Therefore the correction will be 70 lks. East and 11 links South per mile, and the course will be S 89° 55' W.
	From the corner to Towns 25 and 26 South: Ranges 13 and 14 West I run S 89° 55' West on the line bet. Secs 1 and 36
	Variation 13° 15' East
40.00	Set port. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
80.00	Set port deposit chained stake. raise mound of earth with pits as per instructions for corner to Secs 1. 2. 35 & 36
	Surface level. Soil 2d. rate

Bet. Towns. 25 and 26 N. Range 14 West

chains	
	S 89° 55' West on the line bet. Secs. 2 and 35
	Variation 13° 15' East
40.00	Set port. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake. raise mound of earth with pits as per instructions for corner to Secs. 2. 3. 34 and 35.
	Surface level bottom Soil 2d. rate
	S 89° 55' West on the line bet. Secs. 3 and 34
	Variation 13° 15' East
27.70	Enter Sand Hills bearing S.E. and N.W.
40.00	Set port. deposit chained stake. raise mound of

chains	
	earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set port. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sect. 3. 4. 33 and 34
	Surface rolling Soil 3d. rate.
	S 89° 55' West on true line bet. Sect. 4 and 33
	Variation 13° 15' East
1.70	Enter Bottom N. and S.
32.70	Leave Bottom N. and S.
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake, raise mound

chains	
	of earth with pits as per instructions for corner to Sect. 4. 5. 32 and 33
	Surface rolling Soil 3d. rate.
	S 89° 55' West on true line bet. Sect 5 and 32.
	Variation 13° 15' East
34.30	Enter Bottom bears N. and S.
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake, raise mound of earth with pits as per instructions for corner to Sect. 5. 6. 31 & 32
	Surface rolling Soil 3d. rate.

Guide Meridian West

Bet Towns. 25 and 26 N. Ranges 14 W

chains	
	S 89° 55' West on true line bet. Sec. 6 and 31
	Variation 13° 15' East
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Section Corner.
80.70	Corner to Townships 25 and 26 N. Ranges 14 and 15 West.
	Surface level.
	Soil 2d. rate

July 10th 1872

General Description.

This Township is crossed by Sand ridges, extending N and S. where the soil is 3d. rate, valuable only for grazing. The "Bottoms" are covered with good grass. excellent for hay. Soil 1st + 2d. rate well adapted to agriculture.

Township 26 N. Bet. Ranges 14 + 15 West

chains	
	From the corner to Townships 25 and 26 N. Ranges 14 and 15 West.
	I run
	North - bet. Sec. 31 and 36
	Variation 13° 15' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 25. 30. 31 and 36
	Surface rolling
	Soil 3d. rate

Township 26 North. Bet Ranges 14 & 15 West

chains	
	North bet. Secs. 25 and 30
	Variation 13° 15' East
1 0 0	Enter sand hills East & West
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for corner to Secs. 19. 24. 25 and 30
	Surface rolling. Soil 3d. rate
	North bet. Secs. 19 and 24
	Variation 13° 15' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as

Township 26 North. Bet Ranges 14 and 15 West

chains	
	per instructions for corner to Secs. 13. 18. 19 and 24.
	Surface rolling
	Soil 3d. rate
	North bet Secs. 13 and 18
	Variation 13° 15' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for corner to Secs. 7. 12. 13 and 18
	Surface rolling
	Soil 3d. rate.
	North bet Secs. 7 and 12
	Variation 13° 15' East
40.00	Set post. deposit chained stake. raise mound

Town. 26 N. Bet. Ranges 14 and 15 West

Chains	
	of earth with pits. as per instructions for 1/4 Sec. Corner
70.00	Enter Bottom bearing N.W. and S.E.
80.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for corner to Sec. 1. 6. 7 and 12 Surface rolling Soil 3d. rate
	North bet. Sec. 1 and 6 Variation 13° 15' East
26.50	Slough bears E. and W.
27.50	Leave Slough E. and W.
37.50	Slough bears E. and W.
38.75	Leave Slough. E. and W.
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained

Bet. Towns. 26 and 27 N. Ranges 14 West

	stake. raise mound of earth with pits. as per instructions for corner to Township 26 and 27 N. Ranges 14 and 15 West. Surface level. Soil 1st. rate
	From the corner to Township, 26 and 27 North. Ranges 14 and 15 West I run East on a random line bet. said Townships Variation 13° 15' East I set temporary half mile and mile posts at every 40 and 80 chains and at 5 miles 77 chains and 20 lks. intersect East Boundary at a point 1 chain + 68 lks. South of corner to Township

Bet. Townships 26 and 27 N. Range 14 West

chains

26 and 27 North. Ranges 13 and 14 West. Therefore my correction will be 2 chs. 80 lks. West and 28 lks. ~~South~~ North per mile and my Course,—

S 89° 48' West.

From the corner to Townships 26 and 27 North, Ranges 13 and 14 West I run

S 89° 48' West on true line bet. Sec. 1 and 36

Variation 13° 15' East

40.00 Set port. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Co.

54.00 Enter Bottom. N. and S.

80.00 Set port. deposit chained stake, raise mound of earth with pits. as per instructions for corner

Bet. Townships 26 and 27 N. Range 14 West

chains

to Sec. 1. 2. 35 and 36

Surface 1st half rolling

Soil 3d rate

2d half level.

Soil 1st rate.

S 89° 48' West on true line bet. Sec. 2 and 35

Variation 13° 15' East

40.00 Set port. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Co.

80.00 Set port. deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 2. 3. 34 and 35

Surface level. Soil 2d rate

S 89° 48' West a true line bet. Sec. 3 and 34

Variation 13° 15' East

40.00 Set port. deposit chained

Bet. Townships 26 and 27 N. Range 14 West

chains	
	stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
57.00	Strain. water in hole. N.B.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for Corner to Sec. 3. 4. 33 and 34 Surface level. Soil 1st rate
	S 89° 48' West on true line bet. Sec. 4 and 33
	Variation 13° 15' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 4. 5. 32 and 33 Surface level. Soil 1st rate

Bet. Townships 26 and 27 N. Range 14 West

chains	
	S 89° 48' West on true line bet. Sec. 5 and 32
	Variation 13° 15' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 5. 6. 31 and 32 Surface level Soil 1st rate.
	S 89° 48' West on true line bet. Sec. 6 and 31
	Variation 13° 15' East
16.00	Enter Sand-Hills N. and S.
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.

Bet. Tows. 26 and 27 N. Range 14 W.

Meridian West

chains	
~~80.00~~ 77.20	Corner to Townships 26 and 27 North Range 14 and 15 West Surface rolling Soil 3rd rate July 11th, 1872

General Description.

This Township is broken by sand-ridges, which are valuable only for grazing. The greater part of this Township is bottom-land well adapted to agriculture and affording an abundance of good grass for hay.

Tow. 27 North, bet Ranges 14 and 15 West

chains	
	From corner to Tows. 26 and 27 N. Ranges 14 and 15 West I run North bet. Sec. 31 and 36. Variation 13° 40' East
40.00	Set post, deposit chard & stake raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post, deposit chard stake, raise mound of earth with pits, as per instructions for Corner to Sec. 25. 30. 31 and 36 Surface level bottom Soil 1st rate
	North bet. Sec. 25 and 30 Variation 13° 40' East
40.00	Set post, deposit chard stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.

Town. 27 North bet Range 14 & 15.

chains	
80.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Sec.s 19. 24. 25 and 30
	Surface level, soil 1st rate
	North bet Sec.s 19 and 24 Variation 13° 40' East
40.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec.s 13. 18. 19 and 24
	Surface level
	Soil 1st rate.

Town. 27 N. Bet. Range 14 and 15 East

chains	
	North bet. Sec.s 13 and 18 Variation 13° 40' East
40.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec.s 7. 12. 13 and 18.
	Surface level
	Soil 1st rate -
	North bet. Sec.s 7 and 12 Variation 13° 40' East
20.00	Leave Bottom N.W. and S.E.
40.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Set post, deposit chained stake, raise mound

Guide Meridian West

Town. 27 North. bet Ranges 14 & 15

chains

of earth with pits. as per instructions for corner to Secs. 1. 6. 7 and 12
Bottom - level - Soil 1st rate
Upland - rolling - Soil 3d rate

North bet. Secs. 1 and 6
Variation 13° 40' East

40.00 Set post. deposit charred stake raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

45.00 Leave Sand Hills, N.E. & S.W.

80.00 Set post. deposit charred stake raise mound of earth with pits, as per instructions for corner to Townships 27 and 28 North. Ranges 14 and 15 West.
S. 1/2 - rolling - soil 3d rate
N. 1/2 - level - soil 1st rate

2d Guide Meridian West

Bet. Towns. 27 and 28 N. Range 14 West

chains

From the corner to Towns. 27 and 28 N. Ranges 14 and 15 West. I run East on a random line bet. said Townships.
Variation 13° 30' East
I set half mile and mile posts at every 40 and 80 chains and at 5 miles 76 chains and 70 links intersect East Boundary at a point 3.00 chains South of post. corner to Townships 27 and 28 N. Ranges 13 and 14 West.
Therefore the correction will be. 3.30 ch. West and 50 lks. North per mile and the course will be S 89° 39' West.

From the corner to Towns. 27 and 28 North. bet. Ranges 13 and 14 West I run

Bet. Towns. 27 & 28 South - Range 14 West

chains	
	S 89° 39' West on true line bet. Sec. 1 and 36
	Variation 13° 20' East
40.00	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for corner to Sec.s 1. 2. 35 and 36. Surface rolling Soil sandy 3rd rate
	South 89° 39' West on true line bet. Sec.s 2 and 35
	Variation 13° 20' East
40.00	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

Bet. Towns. 27 & 28 South - Range 14 West

chains	
48.00	Enter bottom bears N.E. and N.W.
80.00	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for corner to Sections 2. 3. 34 and 35 South East 1/2 rolling soil 3rd rate North West 1/2 level 1st rate
	S 89° 39' West on true line bet. Sec.s 3 and 34
	Variation 13° 20' East
40.00	Set post. deposit chaned stake raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for corner to Sec.s 3. 4. 33 and 34 Surface level. Soil 1st rate

Bet Twns. 27 and 28 N. Range 14 W.

chains	
	S 89° 39' West on true line bet. Sec.s 4 and 33
	Variation 13° 20' East
29.00	Enter Sand bluffs N. and S.
40.00	Set port. deposit chand stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chand stake, raise mound of earth with pits as per instructions for Corner to Sec.s 4, 5, 32 & 33
	Surface — Bottom level; Upland rolling
	Soil — Bottom 1st rate; Upland 3d rate
	S 89° 39' West on true line bet. Sec.s 5 and 32
	Variation 13° 20' East
40.00	Set port. deposit chand stake, raise mound

Bet. Twns. 27 and 28 N. Range 14 W.

chains	
	of earth with pits as per instructions for 1/4 Sec. Corner
80.00	Set port. deposit chand stake, raise mound of earth with pits, as per instructions for Corner to Sec.s 5, 6, 31 and 32.
	Surface rolling
	Soil 3d rate
	S 89° 39' West on true line bet. Sec.s 6 and 31
	Variation 13° 20' East
40.00	Set port. deposit chand stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
51.00	Enter Bottom lands N. and S.
76.70	Corner to Townships 27 and 28 N. Ranges 14 and 15 West —
	Surface Upland rolling; Bottom levels
	Soil Upland 3d rate; Bottom 1st rate

Township 27 N. Range 14 W

General Description.

This Township is broken by Sand ridges of 3d. rate quality - good only for grazing.

The bottom is level and of first rate quality well adapted to agriculture.

Town. 28 N. Bet. Ranges 14 and 15 West

chains	
	Begin at corner to Towns. 27 and 28 N. Ranges 14 and 15 West and run North bet. Secs. 31 and 36
	Variation 13° 40' East
20.00	Enter bluffs E. and W.
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for ~~1/4~~ corner to Sec. ~~Corner~~. Secs. 25. 30. 31 & 36
	Surface gently rolling Soil 3d. rate
	North bet. Secs. 25 and 30
	Variation 13° 40' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as

Town. 28 N. Bet. Ranges 14 + 15 W.

chains	
	per instructions for 1/4 Sec. Corner
43.00	Leave bluffs E. and W.
47.60	Creek 10 lk. wide runs S.
50.00	Leave bottom E. and W.
80.00	set post deposit chained stake raise mound of earth with pits as per instructions for Corner to Sec. 19. 24. 25 and 30.
	Surface gently rolling Soil 3d. rate.
	North bet. Sec. 19 and 24 Variation 13° 40' East
40.00	Set post. deposit chained stake raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake raise mound of earth with pits as per instructions for Corner to Sec. 13. 18. 19 and 24.
	Surface gently rolling Soil 3d. rate.

2d Guide Meridian West

Town 28 N. Bet. Ranges 14 and 15 W.

chains	
	North bet Sec. 13 and 18 Variation 13° 40' East
40.00	Set post. deposit chained stake raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake raise mound of earth with pits as per instructions for Corner to Sec. 7. 12. 13 and 18
	Surface gently rolling Soil Sandy 3d. rate.
	North bet Sec. 7 and 12 Variation 13° 40' East
40.00	Set post. deposit chained stake raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained

Town. 28 N. Bet. Ranges 14 and 15 W.

chains

stake. raise mound of earth with pits. as per instructions for Corner to Sec. 1. 6. 7 and 12
Surface rolling
Soil sandy 3d. rate

North bet. Sec. 1 and 6
Variation 13° 40' E

40.00 Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

74.90 Intersect 7th Standard Parallel 10.57 chs. West of 1/4 Sec. Corner. on South boundary of section 31 T 29 N. R. 14 W. and set post deposit chained stake, raise mound of earth with pits. as per instructions for Closing Corner to Towns. 28 N. Ranges 14 and 15 W.
Surface gently rolling, 3d rate

July 12th 1872

2d Guide Meridian West

Township 28 N. Range 14 West

General Description.

This Township is gently rolling, Soil sandy 3d. rate.
There is a stream, in the Southern portion, 10 lks. wide. along which, on either side, is a bottom of 1st. rate land.

Township 25 North. Bet Ranges 15 & 16

chains	
	From established corner to Townships 25 and ~~26~~ N. Ranges 15 and 16 West, on 6th Standard Parallel North, I run
	North bet. Secs. 31 and 36
	Variation 13° 15' East
40.00	Set post. deposit charred stake. raise mound of earth with pits as per instructions for 1/4 Sec. C.
70.00	Enter bottom N.W. and S.E.
80.00	Set post. deposit charred stake. raise mound of earth with pits. as per instructions for corner to Secs. 25. 30. 31 and 36
	Surface gently rolling Soil 3d rate
	North bet. Secs. 25 and 30
	Variation 13° 15' East

2d Guide Meridian West

Town. 25 North. Bet. Ranges 15 and 16 W.

chains	
40.00	Set post. deposit charred stake. raise mound of earth with pits. as per instructions
80.00	Set post. deposit charred stake. raise mound of earth with pits. as per instructions for Corner to Secs. 19. 24. 25 & 30
	Surface level. Soil 2d rate
	North bet. Secs. 19 and 24
	Variation 13° 15' East
40.00	Set post. deposit charred stake, raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
60.00	Leave bottom N.W. and S.E.
80.00	Set post. deposit charred stake. raise mound of earth with pits. as per instructions for

Township No 25 N. Bet. Ranges 13

chains	
	Comer to Secs. 13. 18. 19 and 24
	Surface level. Soil 2d rate
	North bet. Secs. 13 and 18 Variation 13° 18'
40.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for Comer to Secs. 7. 12. 13 and 18
	Surface rolling Soil 3d rate
	North bet. Secs. 7 and 12 Variation 13° 15'
40.00	Set post. deposit chaned stake, raise mound of earth with pits as

Town No 25 N. Bet. Ranges 15 and 16 E.

chains	
	per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for Comer to Secs. 1. 6. 7 and 12
	Surface rolling Soil 3d rate
	North bet. Secs. 1 and 6 Variation 13° 15' East
40.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Comer.
80.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for Comer to Townships 25 and 26 N. Ranges 15 and 16 West

Bet. Towns. 25 and 26 N. Range 15 W.

From the corner to Towns. 25 and 26 N. Ranges 15 and 16 West I run East on a random line bet said Townships.

Variation 13° ~~15~~ 30' East

I set temporary ½ mile and mile ports, at every 40. and 80 chains and at 5 miles, 77 chains and 65 lks. – intersect East Boundary of Township 1,93 Ch. North of port. Corner to Townships 25 and 26 N. Ranges 14 and 15 West.

Therefore – the correction will be 2.35 ch. West and 32 lks. South per mile, and the Course will be N 89° 46' West.

Bet. Towns. 25 and 26 N. Range 15 West

chains	
	From the corner to Townships 25 and 26 N. Ranges 14 and 15 West I run
	N 89° 46' West on true line bet. Sec. 1 and 36
	Variation 13° ~~15~~ 30' East
30.00	Enter bluffs N.E. and S 70 W
40.00	Set port. deposit charred stake, raise mound with pits, as per instructions for ¼ Sec. Corner.
80.00	Set port. deposit charred stake, raise mound of earth with pits, as per instructions for Corner to Sec. 1. 2. 35 and 36 Surface gently rolling Soil 3d. rate.
	N 89° 46' West on true line bet. Sec. 2 and 35
	Variation 13° ~~15~~ 30' East
40.00	Set port. deposit charred

Bet. Towns. 25 and 26 N. Range 15 W.

chains	
	stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner
80.00	Set post, deposit chaned stake, raise mound of earth with pits as per instructions for Corner to Secs. 2. 3. 34 and 35. Surface rolling Soil 3rd rate.
	N 89° 46' West on true line bet. Secs. 3 and 34 Variation 13° 30' East
40.00	Set post, deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post, deposit chaned stake, raise mound of earth with pits as

Bet. Towns. 25 and 26 N. Range 15 West

chains	
	per instructions for Corner to Secs. 3. 4. 33 and 34. Surface rolling Soil sandy 3rd rate.
	North 89° 46' West on true line bet. Secs. 4 and 33 Variation 13° 30' East
40.00	Set post, deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post, deposit chaned stake, raise mound of earth with pits as per instructions for Corner to Secs. 4. 5. 32 and 33. Surface Sand Hills - Soil - poor - 3rd rate.

Bet. Towns. 25 and 26 N. Range 15

chains

North 89° 46' West on true line bet Sec. 5 and 32

Variation 13° ~~15~~ 30' East

40.00 Set port. deposit chained stake raise mound of earth with pits, as per instructions for 1/4 Sec. Corner

80.00 Set port. deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Sec. 5. 6. 3~~5~~ 1 and 3~~6~~ 2

Surface Sand Hills

Soil poor 3d rate.

N 89° 46' West on true line bet Sec. 6 and 31

Variation 13° ~~15~~ 30' East

40.00 Set port. deposit chained stake, raise mound

Bet. Townships 25 and 26 N, Range 15 W.

chains

of earth with pits, as per instructions for 1/4 Sec. Corner

77.65 Corner to Township 25 and 26 N. Range 15 West.

Surface rolling

Soil 3d rate.

General Description.

This Township is principally Sand Hills valuable only for grazing. The "Bottoms" which extend from N.W. to S.E. are of 2d quality and well adapted to agriculture.

Bet Towns. 25 and 26 N. Range 16 W

chains

From the corner to Townships 25 and 26 North. Ranges 15 and 16 West. I run West on a random line bet said Townships. I set temporary half mile and mile posts at every 40 and 80 chains and at 6 miles and 50 lks. intersects the 2d. Guide Meridian 160 lks N. of post. corner to Townships 25 and 26 North - on 2d. Guide Meridian West. Therefore The correction will be 26 2/3 lks South per mile and the course will be N 89° 49' East.

Bet. Towns. 25 and 26 N. Range 16 W.

chains

From the corner to Townships 25 and 26 on the 2d Guide Meridian West. I run North 89° 49' East on true line bet. Secs. 6 and 31.

Variation 13° 30' East

40.50 Set post. deposit charred stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.

80.50 Set post. deposit charred stake. raise mound of earth with pits as per instructions for Corner to Secs. 5. 6. 31 and 32.

Surface rolling

Soil Sandy 3d. rate

N 89° 49 East on true line bet. Secs. 5 and 32

Bet. Towns. 25 and 26 N. Range 16 W.

chains	
	Variation 13° 30' E
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 4. 5. 32 and 33. Surface Sand Hills Soil 3rd rate.
	N 89° 49' East on line line bet. Secs. 4 and 33
	Variation 13° 30' E
40.00	Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

Bet. Towns. 25 and 26 N. Range 16 W.

chains	
80.00	Set port. deposit chained stake raise mound of earth with pits. as per instructions for Corner to Secs. 3. 4. 33 and 34. Surface broken Sand Hills. Soil worthless.
	N 89° 49' East on line line bet. Secs. 3 and 34
	Variation 13° 30' East
40.00	Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 2. 3. 34 and 35 West 1/2 - Sand Hills - worthless East 1/2 - gently rolling - 3rd rate

Bet. Towns. 25 and 26 N. Range 16 W.

Chains	
	N 89° 49' East on line line bet. Secs. 2 and 35
	Variation 13° 30' E
40.00	Set post. deposit shaved stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit shaved stake. raise mound of earth with pits as per instructions for Corner to Secs. 1. 2. 35 and 36
	Surface gently rolling Soil 2d rate.
	N 89° 49' East on 1st line bet. Secs. 1 and 36
	Variation 13° 30' E
40.00	Set post. deposit shaved stake raise mound of earth

Bet. Towns. 25 and 26. Range 16 West

Chains	
	with pits. as per instructions for 1/4 Sec. Corner
80.00	Corner to Townships 25 and 26 N. Ranges 15 and 16 West.
	Surface gently rolling Soil 2d rate.
	July 13th, 1872

General Description.

The surface of the Eastern half of this Township is gently rolling. Soil varies from 2d to 3d rate. The Western half is very rolling. Soil Sandy — 3d rate. valuable only for grazing.

Town 26. Bet. Ranges 15 and 16 W.

chains	
	Town the comer to Townships 25 and 26 N. Ranges 15 and 16 West. I run North bet. Sec. 31 & 36 Variation 13° 25' E
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Comer
80.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for Comer to Sec. 25. 30. 31 and 36. Surface rolling Soil 3d. rate

North bet. Sec. 25 and 30
Variation 13° 25' E

Town 26. Bet. Ranges 15 and 16 W.

chains	
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Comer.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for comer to Sec. 19. 24. 25 and 30 Surface rolling Soil 3d. rate

North bet. Sec. 19 & 24
Variation 13° 25' E

40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Comer.
80.00	Set post. deposit chained stake. raise

Town. 26 N. Bet. Ranges 15 and 16 W.

chains

mound of earth with pits as per instructions for Corner to Sec. 13. 18. 19 and 24

Surface rolling Soil 3d rate.

North bet. Sec. 13 and 18

Variation 13° 25' E

40.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

80.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec. 7. 12. 13 and 18.

Surface rolling Soil 3d rate.

North bet. Sec. 7 and 12

Town 26 N. Ranges 15 and 16 W.

chains

Variation 13° 25'

40.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

80.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec. 1. 6. 7 and 12.

Surface rolling Soil 3d rate.

North bet. Sec. 1 and 6

Variation 13° 25' East

40.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

80.00 Set post. deposit

chained stake, raise mound of earth with pits, as per instructions for Corner to Townships 26 and 27 N. Ranges 15 and 16 West.
Surface rolling
Soil 3d. rate

From the corner to Townships 26 and 27 N. Ranges 15 and 16 West
I run
East on a random line bet. said Townships
Variation 13° 25' E
I set temporary half mile and mile posts, at every 40 and 80 chains and at 5 miles, 78 chains &

chains

56 lks. intersect the East Boundary of the Township at 1,70 chs. North of the post corner to Townships 26 and 27 North. Ranges 14 and 15 West.
Therefore the correction will be 1.44 chains West and 28 1/3 lks. South per mile & the Course —
N 89° 48' West.

From the corner to Townships 26 and 27 N. Range 14 and 15 West
I run
N 89° 48' West on true line bet. Secs. 1 and 36
Variation 13° 25' East
28.00 Enter Sand Hills bearing N and S 80' E

Bet Towns. 26 and 27 N. Range 15 W.

Chains	
40.00	Set post. deposit chaned stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chaned stake. raise mound of earth with pits. as per instructions for Corner to Sec. 1. 2. 35 and 36 Surface rolling Soil 3d. rate.
	North 89 48' West on true line bet. Sec. 2 and 35 Variation 13° 25' E.
40.00	Set post. deposit chaned stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chaned stake. raise mound of

Bet Towns. 26 and 27 N. Range 15 West

Chains	
	of earth with pits as per instructions for Corner to Sec. 2. 3. 34 and 35. Surface rolling Soil 3d. rate.
	North 89 48' West on true line bet. Sec. 3 and 34 Variation 13° 25' East
40.00	Set post. deposit chaned stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chaned stake. raise mound of earth with pits as per instructions for Corner to Sec. 3. 4. 33 and 34. Surface rolling Soil 3d. rate.

Bet Towns. 26 and 27 N. Range 15 W

Chains	
	N 89° 48' West on true line bet. Sec. 4 and 33
	Variation 13° 25' East
40.00	Set post. deposit chaned stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for Corner to Sec. 4. 5. 32 and 33
	Surface rolling Soil 3d rate.
	N 89° 48' West on true line bet Sec. 5 and 32
	Variation 13° 25' East
40.00	Set post. deposit chaned stake. raise mound of earth with pits as per instructions

Bet Towns. 26 and 27 N. Range 15 W

Chains	
	for 1/4 Sec. Corner.
80.00	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for Corner to Sec. 5. 6. 31 and 32
	Surface rolling Soil 3d rate
	N 89° 48' West on true line bet. Sec. 6 and 31
	Variation 13° 25' East
40.00	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
78.56 ~~80.00~~	Corner to Townships 26 and 27 North. Ranges 15 & 16 West.
	Surface gently rolling Soil 3d rate.

General Description.

This Township is composed principally of Sand Hills, and is valuable only for grazing.

Bet Towns. 26 and 27 N. R. 16 W. 2

chains

From the corner to Tows. 26 and 27 N. Ranges 15 and 16 West. I then West on a random line bet said Town-ships.

Variation 13° 30' E.

I set temporary half mile and mile posts at every 40 and 80 chs. and at 5 miles 77 chains and 74 links intersect West Boundary of Township, which is the 2d. Guide Meridian West. at a point 3.36 chs North of corner to Tows 26 and 27 N. on 2d. Guide Meridian West.

Therefore the correction will be 56 lks South per mile to the corner.

N 89° 36' East.

Bet. Towns. 26 and 27 N. Range 16

chains	
	From the Corner to Townships 26 and 27 N. on 2d Guide Meridian West I run.
	N 89° 36' East on true line bet. Secs. 6 and 31
	Variation 13° 30' East
37.74	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
77.74	Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 5. 6. 31 and 32
	Surface rolling
	Soil 3d. rate.

Bet. Towns. 26 and 27 N. Range 16 W

chains	
	N 89° 36' East on true line bet. Secs. 5 and 32
	Variation 13° 30' E
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 4. 5. 32 and 33
	Surface rolling
	Soil 3d. rate.
	N 89° 36' East on true line bet. Secs. 4 and 33
	Variation 13° 30' E
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for

Bet Towns. 26 and 27 N. R. 16 W.

chains	
	1/4 Sec. Corner
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec.s 3. 4. 33 and 34.
	Surface rolling Soil 3d. rate.
	North 89° 36' East on true line bet. Sec.s 3 and 34
	Variation 13° 30' E
40.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for

Bet. Towns. 26 and 27 N. Range 16 W.

chains	
	corner to Sec.s 2. 3. 34. and 35
	Surface rolling Soil 3d. rate.
	N 89° 36' East on true line bet. Sec.s 2 and 35
	Variation 13° 30' East
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec.s 1. 2. 35 and 36
	Surface rolling Soil 3d. rate.
	N 89° 36' East on true line bet. Sec.s 1 and 36

Bet. Twns. 26 and 27 N. Range 16 W.

Variation 13° 30' East

40.00 Set post. deposit chand stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner

80.00 Corner to Townships 26 and 27 N. Ranges 15 and 16 West.

July 14th, 1872.

General Description.

The surface of this Township is rolling, Soil sandy, varying from 3d. to 3d. rate. There is no wood in the Township, & no running water, but water can be obtained by digging from 4 to 10 feet.

Town. 27 North, bet. Ranges 15 & 16

chains

From the corner to Twns. 26 and 27 N. Ranges 15 and 16 West. 9 chs North bet. Sec. 31 & 36

Variation 13° 20' E.

40.00 Set post. deposit chand stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.

80.00 Set post. deposit chand stake, raise mound of earth with pits as per instructions for Corner to Sec. 25, 30, 31 and 36

Surface rolling

Soil poor 3d. rate.

North bet. Sec. 25 and 30

Variation 13° 20' E.

40.00 Set post. deposit chand stake, raise mound of earth with pits

Town. 27 N. Bet Ranges 15 + 16 W.

chains	
	as per instructions for 1/4 Sec. Corner
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for Corner to Secs. 19. 24. 25 and 30 Surface rolling Soil 3d. rate

North bet. Secs. 19 and 24
Variation 13° 20' E

chains	
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
70.00	Enter Bottom E. + S.W.
80.00	Set post. deposit chained stake raise mound of earth with pits. as per instructions for Corner to Secs. 13. 18. 19 and 24 Surface rolling - Soil 3d. rate

Town 27 North. bet. Ranges 15 + 16 W.

chains	
	North bet Secs. 13 + 18 Variation 13° 20' E
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for Corner to Secs. 12. 13 + 18. Surface level Soil 1st. rate.

North bet. Secs. 7 + 12
Variation 13° 20' E

chains	
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake. raise

Town. 27 N. bet. Ranges 15 & 16 W.

chains

mound of earth with pits as per instructions for corner to Secs. 1, 6, 7 and 12

Surface level.

Soil 1st rate

North bet Secs 1 and 6

Variation 13° 20' E.

40.00 Set post deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner

65.00 Enter bluffs N.W.

80.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Townships 27 and 28 N. Ranges 15 and 16 West

Surface { Upland rolling / Bottom level

Soil — { Upland 3d rate / Bottom 1st rate

Bet Towns. 27 and 28 N. Range 15 West

From the corner to Townships 27 and 28 North Ranges 15 and 16 West. I run East on a random line bet bet. said Township.

Variation 13° 15' E

I set temporary 1/2 mile and mile posts at every 40 and 80 chains and ~~at 80 chains~~ 5th miles & 25 links intersect East Boundary of the Township — 96 lks. South of corner to Townships 27 and 28 N. Ranges 14 and 15 West.

Therefore the correction will be 25 lks East and 16 links North per mile. and the course will be — S 89° 5' 3" West.

Bet. Towns. 27 + 28 N. Range 15 West

chains

From the corner to Townships 27 and 28 N. Ranges 14 and 15 West

S 89° 53' West on true line bet Secs. 1 and 36

Variation 13° 15' East

40.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.

80.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Secs. 1. 2. 35 and 36

Surface level.

Soil 2d. rate.

S 89° 53' West on true line bet. Secs. 2 and 35

Variation 13° 15' E

Bet Towns 27 and 28 N. Range 15 West

chains

40.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.

80.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Secs. 2. 3. 34 and 35

Surface level.

Soil 2d. rate.

S 89° 53' West on true line bet. Secs. 3 and 34

Variation 13° 15' E

40.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.

42.00 Enter Sand Hills N.E. and S.W.

Chains	
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 3. 4. 33 and 34. Surface Upland rolling / Bottom level. Soil Upland 3d. rate / Bottom 2d. rate
	S 89° 53' West on true line bet. Secs. 4 and 33. Variation 13° 15' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth, with pits, as per instructions for Corner to Secs. 4. 5. 32 and 33. Surface rolling - Soil 3d. rate

Chains	
	S 89° 53' West on a true line bet. Secs. 5 and 32. Variation 13° 15' E.
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 5. 6. 31 and 32. Surface rolling Soil 3d. rate.
	S 89° 53' West on true line bet. Secs. 6 and 31. Variation 13° 15' E
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instruction for 1/4 Sec. Cor.

Bet. Townships. 27 & 28 Range 15 West

80. 25 Corner to Sections 1. 6. 31 and 36 - & Townships 27 and 28 N. Ranges 15 and 16 West

July 15th 1872

General Description

The Surface of this Township is gently rolling, Soil 2d & 3d rate, well adapted to grazing and agriculture.

Bet Towns. 27 and 28 N. Range 16 West

chains

From the Corner to Townships 27 and 28 N. Ranges 15 and 16 West. I run West on a random line bet. said Townships

Variation 13° 20' East

I set temporary ½ mile and mile posts at every 40 and 80 chains and at 5 miles 72 chains & 20 lks. intersect West Boundary of Township which is the 2d Guide Meridian West - 3,33 chains North of the post. Corner to Townships 27 and 28 N. Range 16 West - on 2d Guide Meridian West -

Therefore the correction will be 55½ lks. South per mile & the course will be N 89° 36' East.

Bet Townships 27 and 28 N. Range 16 West

chains	
	From the corner to Townships 27 and 28 N. Range 16 West. on 2d Guide Meridian Intro
	N 89° 36' East on true line bet. Sec. 6 and 31
	Variation 13° 20' E
7.50	Drain descends S.E.
32.20	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
45.20	Leave bottom N.W. & S.E.
72.20	Set post. deposit chained stake. raise mound of earth with pits as per instructions for corner to Sec. 5. 6. 31 and 32
	Bottom level. 1st rate
	Upland rolling. 3d rate

Bet Towns. 27 and 28 N. Range 16 West

chains	
	N 89° 36' East on true line bet. Sec. 5 and 32
	Variation 13° 20' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 4. 5. 32 and 33
	Surface rolling
	Soil 3d rate.
	N 89° 36' East on true line bet. Sec. 4 and 33
	Variation 13° 20' E
40.00	Set post. deposit chained stake. raise mound of earth with pits. as

Bet Towns. 27 and 28 N. Range 16 West

chains	
	per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec.s 3. 4. 33 and 34
	Surface rolling Soil 3rd rate
	N 89° 36' E on true line bet. Sec.s 3 and 34
	Variation 13° 20' E.
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for

Bet Towns 27 and 28 N. Range 16 W.

chains	
	Corner to Sec.s 2. 3. 34 and 35
	Surface rolling Soil 3rd rate
	N 89° 36' E on true line bet. Sec.s 2 and 35.
	Variation 13° 20' E.
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec.s 1. 2. 35 and 36
	Surface rolling Soil 3rd rate
	N 89° 36' E on true line bet. Sec.s 1 and 36
	Variation 13° 20' E

Bet Towns 27 and 28 N. Range 15

Remainder of line bet 1 and 36 - was omitted by mistake

Look below General Description

General Description.

The surface of this Town is gently rolling. Soil varies from 1st to 2d rate. There is a stream of water in the Southern portion of this Township. The soil is all well adapted to agriculture and grazing.

chains	
10.00	Enter bottom N.W. and S.E.
40.00	Set post. deposit chained stake raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
67.00	Drain N.E.
80.00	Corner to Townships 27 and 28 N. Ranges 15 and 16 West
	Surface } Bottom - level Upland rolling
	Soil } Bottom, 2d rate Upland 3d rate

North bet. Ranges 15 and 16 W. T. 28 N.

chains	
	From the corner to Towns 27 + 28 N. Ranges 15 and 16 West Drain North - bet. Secs. 31 and 36 Variation 13° 30' E.
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
57.00	Leave bluffs S.W. + S.E.
53.00	Drain, water in holes
	Runs N.E. ~~and~~ S.E.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for corner to Secs. 25, 30, 31 and 36
	Surface } Bottom level Upland rolling
	Soil } Bottom - 2d rate Upland - 3d rate

North - bet. Secs. 25 and 30
Variation 13° 20' E

Tow. 28 N. bet. Ranges 15 and 16

chains

40.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

80.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec. 19 & 24, 25 and 30

Surface level bottom Soil 2d rate.

North bet. Sec. 19 and 24

Variation 13° 20' East

40.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

80.00 Set post. deposit chained stake, raise mound of earth with

Tow. 28 N. bet. Ranges 15 and 16 W

pits as per instructions for Corner to Sec. 13, 18, 19 and 24.

Surface level bottom Soil 2d rate.

North bet. Sec. 18 and 19

Variation 13° 20' E

40.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

80.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec. 7, 12, 13 and 18.

Surface level bottom Soil 2d rate

North bet. Sec. 7 and 12

Variation 13° 20' E.

Tow. 28 N. Bet Ranges 15th & 16th

Chains	
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Sec. 1. 6. 7 and 12 Surface level bottom Soil 2d. rate.
	North bet. Sec. 1 and 6 Variation 13° 26' E
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
74.48	Intersect 7th Standard Parallel North at a point 6.75 ch. West of 1/4 Sec. Cor. on South-

Tow. 28 N. bet. Ranges 15th & 16th W.

~~Boundary of~~ Tow. 29 N. Range 15 West. and set post. deposit chained stake, raise mound of earth with pits. as per instruction for a Closing Corner to Townships 28 and 29 Ranges 15 and 16 West Surface level bottom Soil 2d. rate

July 16th, 1872.

General Description.

The surface of this Township is gently rolling - Soil 1st to 2d. rate. It is well adapted to agriculture.

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 Boundaries of Townships 25. 26. 27 and 28 N. Ranges 14 15 and 16 West of the 6th Principal Meridian, showing the respective capacities in which they acted

A. B. Campbell } Chairmen
W. A. Smith }
Joseph H. Gay } Axmen
L. Greenwood } Flagmen & Mound men.

We hereby certify that we assisted Chauncey Wilcox Deputy Surveyor, in surveying the exterior boundaries of Townships No 25. 26. 27 and 28 North of the base line of Ranges No 14. 15 and 16 West of the 6th Principal Meridian, and that said exterior boundary lines, have been, in all respects to the best of our knowledge and belief well and faithfully surveyed and the boundary monuments planted according to instructions furnished by the Surveyor General

A B Campbell } Chainmen
W. A. Smith }
Joseph W. Gay } Axmen
L his x mark Grenier } Flagmen

Subscribed and sworn
to by the above named
persons. before me a
Notary Public for
Antelope County. State
of Nebraska. this 25th
day of July 1872
H C Blanchard
Notary Public

I Chauncey Wiltse Deputy
Surveyor do solemnly
swear that in pursuance
of a joint Contract wherein
Chauncey Wiltse. George
T. Kendall and Henry
Court are joint contractors
with E. E. Cunningham
U. S. Surveyor General
for the District of Nebraska
and Iowa, bearing date
the 25th day of June 1872
I have well. faithfully
and truly. in my
own proper person
and in strict conformity
with the instructions
of the Surveyor General
the Surveying manual
and the laws of the
United States Surveyed
the Exterior Boundaries
of Townships No 25. 26.
27 and 28 of Ranges

No. 14 15 and 16 West of the 6th Prin. Meridian which are 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 that the foregoing are the true and original field notes of such Surveys.

Chauncey Wiltse
Deputy Surveyor

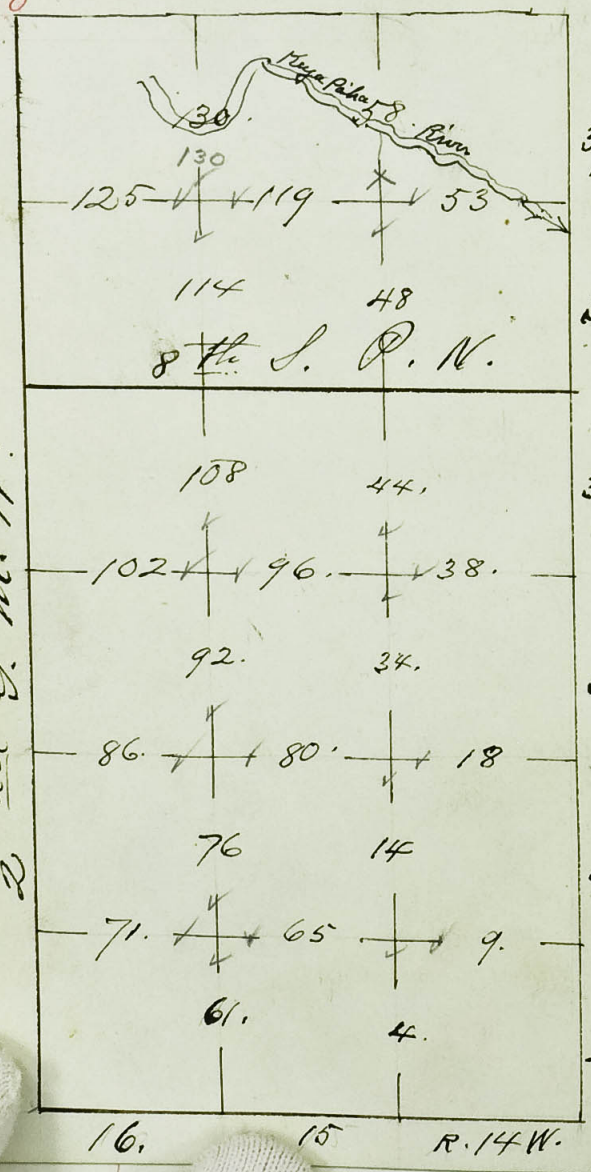
Subscribed by said Chauncey Wiltse Deputy Surveyor, and sworn to before me a Notary Public for Antelope Co. Nebraska, this day of July 25th 1872

H. Blanchard
Notary Public

Surveyor Genl's Office
Plattsmouth Nov 1st 1872

The foregoing field Notes of the Survey of Exterior boundary lines of Townships 25. 26. 27 & 28 North. Ranges 14, 15 & 16 West Executed by Chauncey Wiltse under Joint Contract 58 dated June 25th 1872 wherein Chauncey Wiltse George T. Kendall & Henry Court are Joint Contractors with the Month of July 1872 having been critically Examined the Necessary Corrections and Explanations Made the said field Notes and Surveys they describe are hereby approved

E. E. Cunningham
Surveyor General



Field Notes of the survey of the exterior boundaries of Townships 29 and 30 N. in Range 14 West of the Sixth Principal Meridian, in the State of Nebraska by William C. A. Richards under the contract of Richards and Gay No. 46 bearing date June 15th 1871

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 following field notes of the survey of the Exterior boundaries of Townships 29 and 30 North, in Range 14 West of the Sixth principal Meridian, showing the respective capacities in which they acted.

H. S. Gardner } Axemen &
L. A. Tannehill } Mamduen
E. L. Wattemayre } Chainman
A. C. Richards }

T 29 Bet. Rs 14 and 15 W

Chains	
	Beginning at the post the established corner to Townships 28 and 29 N between Ranges 14 and 15 W. I run
	North between sections 31 and 36
	Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to 1/4 sections
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 25 30 31 and 36
	Surface rolling sand hills Soil 3rd rate

T 29 N Bet. Rs 14 and 15 W

Chains	
	North between sections 25 and 30
	Variation 13° 25' E
35.00	I cane sand hills and enter bottom bearing N.W. + S.E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to 1/4 sections.
80.00	Set post. deposite charred stake raise mound of earth with pits as per instructions for corner to sections 19 24 25 and 30.
	Surface of upland rolling sand hills Soil 3rd rate.
	Surface of bottom land, soil 2nd rate

T 29 N Bet. Rs 14 & 15 W

chains	
	North between sections 19 and 24
	Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to 19 24 13 and 18
	Surface level
	Soil 1st rate
	Heavy growth of tall blue grass

T 29 N Bet. Rs 14 and 15 W

chains	
	North between sections 13 and 18
	Variation 13° 25'
18.00	Drain bears N.E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to sections 7 12 13 & 18
	Surface level
	Soil 2nd rate

T 29 N Bet Rs 14 and 15 W

Chains	
	North between sections 7 and 12. Variation 13° 25' E
7.00	Drain bears N. E.
8.00	Entry Elk Horn bottom, bears S.E. & N.W.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
8.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 1, 6, 7 and 12
	Surface level.
	Soil 1st rate.

2nd G. M. M.

T 29 N Bet Rs 14 and 15 W

Chains	
	North between sections 1 and 6 Variation 13° 25' E
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
8.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Townships 29 and 30 North, ~~the~~ Range 14 and 15 W
	Surface level; soil 1st rate.

Bet. Ts 29 and 30 N R 14 W

Beginning at the post-the established corner to Townships 29 and 30 N. in Ranges 14 & 15 W

I run

East on a random line between sections 6 & 31 5 and 32 4 and 33 3 and 34 2 and 35; and 1 and 36.

Variation by Burt's improved solar compass 13° 25' E.

I set temporary half mile and mile posts at every 40 and 80 chains and at 6 Miles and 30 links Intersect East boundary of Township 60 (sixty) links North of corner to Townships 29 and 30 in Ranges 13 & 14 W.

~~I run which corner~~

G. McW.

Bet. Ts 29 & 30 N R 14 W.

I run

West on a true line between sections 1 and 36 my course being North 89° 55' W

Variation 13° 25' E

4000 Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner

8000 Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 1 2 35 and 36

Surface gently rolling Soil 2nd to 3rd rate

Bet Ts 29 + 30 N R 14 W

Chains ~~West~~ N. 89° 56' W. on true line between sections 2 and 35

Variation 13° 25' E

4000 Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.

8000 Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 2. 3. 34 and 35

Surface gently rolling upland
Soil 2nd rate

Bet Ts 29 + 30 R 14 W

Chains ~~West~~ N. 89° 56' W. on true line between sections 3 and 34

Variation 13° 25' E

4000 Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner

8000 Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 3. 4. 33 + 34.

Surface gently rolling
Soil 2nd rate

Bet Ts 29 and 30 N R 14 W

chains ~~West~~ N.89°56'W on true line between sections 4 and 33

Variation 13° 25' E

4000 Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner

8000 Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 4, 5, 32 and 33

Surface gently rolling. Soil 2nd to 3rd rate.

Bet Ts 29 and 30 N R 14 W

chains ~~West~~ N.89°56'W on true line between sections 5 and 32

Variation 13° 25' E

8.00 Enter bottom bearing N.W and S.E.

23.75 ElkHorn River 35 links wide 20 inches deep clear water sandy bed runs S.E.

40.00 Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner

80.00 Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 5. 6. 31 and 32

Surface level

Soil 2nd rate

Bet Ts 29 and 30 N R 14 W

N 89°56' W.

West on true line between sections 6 & 31
Variation 18° 25' E

40.00 Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner

80.30 Intersect corner to Townships 29 and 30 N ~~in~~ Ranges 14 and 15 W.
Surface level
Soil 1st rate

July 19th 1871

Bet Ts 29 & 30 N R 14 W

General Description

The southwestern portion of this Township is composed of gently rolling sand hills. Soil 3rd rate. It is traversed from N. W. to S. E by the Elk Horn River which has a wide bottom of good land. The Northern portion is gently rolling upland 2nd rate.

T30 N Bet-Rs 14 & 15 W

chains	
	Beginning at the post the established corner to Townships 29 and 30 N. ~~in~~ Ranges 14 and 15 W from
	North between sections 36 and 31
	Variation 18° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 25, 30, 31 & 36
	Surface level
	Soil 1st rate

T30 N Bet-Rs 14 and 15 W

chains	
	North between sections 25 and 30
	Variation 13° 25' E
28.40	Elk Horn River 30 links wide runs S. E.
29.00	Enter land of Elk Horn bearing S. W.
29.60	Leave same river bearing S. E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
50.00	Leave bottom bearing N. W. and S. E.
80.00	Set-post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 19 24 25 and 30
	Surface level
	Soil 1st rate

T 30 N Bet- Rs 14 and 15 W

North between sections 19 and 24
Variation 13° 25' E

40.00 Set post- deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.

80.00 Set- post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 13 18 19 & 24
Surface rolling.
Soil 3rd rate.

T 30 N Bet Rs 14 & 15 W

North between sections 13 and 18
Variation 13° 25' E

40.00 Set post deposite charred stake raise mound of earth with pits as per instructions. for 1/4 section corner.

80.00 Set- post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 7 12 13 and 18

Surface gently rolling.
Soil sandy 3rd rate.

98

T. 30 N. Bet. R. 14 + 15 W

chains	
	North between sections 7 and 12
	Variation 13° 25' E
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 1 6 7 and 12
	Surface gently rolling.
	Soil 2nd rate.

2nd G. M. W.

16. 15 R. 14 W.

T 30 N Bet. R's 14 and 15 W

chains	
	North between sections 1 and 6
	Variation 13° 25' E
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Townships 30 and 31 N in Ranges 14 and 15 W
	Surface gently rolling.
	Soil 2nd rate.

Between To 30 & 31 N R 14 W

Chains

Beginning at the post the corner to Township 30 and 31 N ~~in~~ Range 14 and 15 West from East on a random line between sections 6 and 31 5 and 32. 4 and 33 3 and 34 2 and 35 1 and 36

Variation, (by Burt's improved Solar compass) 13° 25' E

I set temporary half mile and mile posts at every 40 and 80 chains and at 5 miles 79 chains and 25 link intersected the East boundary of Township 1 chain and 30 links South of corner to Township 30 & 31 N. in Ranges 13 and 14 W.

Between To 30 & 31 N R 14 W

Chains

from which corner I ran

West on true line between sections 1 and 36. my course being South 89° 51' West

Variation 13° 25' E.

30.25 Drain bearing S.E.
34.00 " " N.E.
35.00 " " S.E.
40.00 deposit charred stake, raise mound of earth with pits set post and established ~~cor~~ 1/4 section corner as per instructions

59.25 Drain bearing N.E.
74.50 " " S.E.
80.00 set post deposited charred stake raised mound of earth with pits as per instructions for corner to sections 1. 2. 35 & 36.

Surface gently rolling soil sandy loam 1st to 2nd rate.

Bet- Tp 30 & 31 N R 14 W

chains	
	S.89°51'W. ~~West~~ on true line between sections 2 and 35 Variation 13°.25' E
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 2 3 34 and 35
	Surface gently rolling Soil 2nd rate.

Bet- Tp 30 & 31 N R 14 W

chains	
	S.89°51'W. ~~West~~ on true line between sections 3 and 34 Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 3 4 33 and 34
	Surface gently rolling
	Soil 2nd rate

Bet. Ts 30 and 31 N R 14 W

chains	
	~~West~~ S.89°51'W. on true line between sections 4 and 33 Variation 13° 25' E
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 4.5.32 and 33
	Surface gently rolling.
	Soil good 2nd rate

Bet. Ts 30 and 31 N. R 14 W

chains	
	~~West~~ S.89°51'W on true line between sections 5 and 32 Variation 13° 25' E.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 5. 6. 31 & 32
	Surface level Soil good 2nd rate.

98

16. 15 R. 14 W.

Bet Ts 30 and 31 N R 14 W

Chains	
	~~West~~ S.89°51'W. on true line between sections 6 & 31 Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to 1/4 sections.
79.25	Intersect the established corner to Townships 30 & 31 N ~~in~~ Ranges 14 and 15 W.
	Surface level. Soil good 2nd rate
	July 20th 1871

Bet Ts 30 & 31 N R 14 W

Chains	General Descriptions
	The surface of this Township is gently rolling soil good 2nd rate. The Elkhorn River runs through the South Western corner of Township, and has a wide bottom with rich soil. No timber upon the river banks at this place.

98

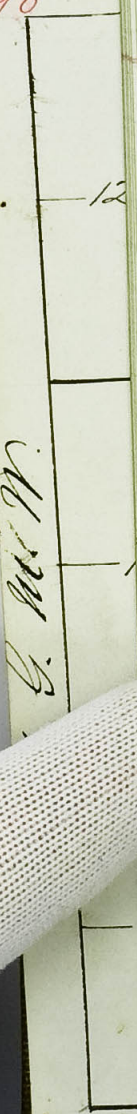
2nd G. M. W.

15 R. 14 W.

List of Names.

A list of the names of the individuals employed to assist in running, measuring or marking the lines described in the forgoing field notes of the survey of the Exterior boundaries of Townships 29 and 30 North of the base line, in Range No 14 West of the 6th principal meridian, showing the respective capacities in which they acted

H. S. Gardner } Assistant
L. A. Tannehill } Monumenter
E. L. Waltemyre } Chainmen.
A. C. Richards



We hereby certify that we assisted William A. Richards deputy surveyor in surveying the exterior boundaries of Townships number 29 & 30 North of the base line in Range number 14 west of the 6th Principal meridian, and that the exterior lines of said Townships have 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

H. S. Gardner } Axemen +
L. A. Tannehill } Mounduren
E. J. Wallenger } Chainmen.
A. C. Richards }

Subscribed and sworn to by the above named persons before me a Notary Public for Douglas County State of Nebraska this 22nd day of September 1871

Rollin le Smith
Notary Public

I William A. Richards deputy surveyor do solemnly swear that in pursuance of a contract with E. E. Cunningham Surveyor General of ~~the State of~~ Nebraska bearing date the 15th

day of June 1871 and in strict conformity to the laws of the United States and the instructions furnished by the said Surveyor General I have faithfully surveyed the exterior boundaries of Townships number 29 and 30 North of the base line in Range number 14 West of the 6th principal meridian in the state aforesaid, and do further solemnly swear that the foregoing are the true and original field notes of such survey.

W. A. Richards

Subscribed by said William A. Richards deputy Surveyor, and sworn to before me, a Notary Public for Douglas County State of Nebraska this 23rd day of September A.D. 1871

Rollin C. Smith
Notary Public

I William A. Richards
Deputy Surveyor do
solemnly swear that
in pursuance of a joint
contract wherein William
A. Richards and Joseph W.
Gay are joint contrac-
tors, with E. E. Cunning-
ham United States Sur-
veyor General for the
State of Iowa and
Nebraska, bearing
date the 15th day of
June 1871, I have well
faithfully, and truly, in
my own proper person,
and in strict conformity
with the instructions
furnished by the Surveyor
General, the Survey-
ing manual, and the
laws of the United
States surveyed all
those parts or portions

6-26-1912
This does not fit in index or ~~notes~~
R. Harry D.O.

of Townships 29 30 31 and
32 North of the Base line
of Ranges 11 12 and 13 West
of the Sixth Principal
Meridian, Townships
29 and 30 North of the
Base line of Range 14
West of the 6th Principal
Meridian and Fractional
Township 33 North of
the Base line of Ranges
11 12 and 13 West of the
Sixth Principal Meri-
dian in the State of Nebraska
as are represented
in the foregoing Field
Note 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 that the foregoing are the true and original field notes of such survey

W. A. Richards
Deputy surveyor.

Subscribed by said William A. Richards Deputy Surveyor and sworn to before me a Notary Public for Douglas County State of Nebraska this 6th day of October A.D. 1871

Rollin L. Smith
Notary Public

Surveyor General's Office
Plattsmouth Nov. 2nd 1871

The foregoing field notes of the Survey of the Exterior Boundary lines of Townships 29. 30. 31 & 32 and fract. Townships 33. Ranges 11. 12. & 13. Townships 29 & 30. Range 14. all North of the Base Line and West of the 6th Principal Meridian in the State of Nebraska. Executed by Wm. A. Richards under Joint Contract No 46. wherein W. A. Richards and Joseph W. Gay are joint contractors. bearing date the 15th day of June A.D. 1871. in the month of July. 1871. having been critically examined, the necessary corrections and explanations made the said field notes and the surveys they describe are hereby approved

E. E. Cunningham
Surveyor General.

Field Notes
of the
Survey of the Exterior Boundaries
of
Townships No. 29. 30. 31. 32, 33
and 34 North of the Base Line
of
Range No. ~~14~~. 15 and 16 West
and No. 31 32 33 and 34 N. R. 14 W.
of the
6th Principal Meridian
in the
State of Nebraska.

Executed
by Chauncey Walker, Deputy
Surveyor, under Joint Contract
No. 158 – dated June 25th 1872.

Survey
Commenced August 5th 1872
Completed August 12th 1872

List of Names.

A list of the names of the individuals employed to assist in surveying the Exterior Boundaries of Townships No. 29. 30. 31. 32. 33 and 34 North of Ranges No 14. 15 and 16 West.

A. B. Campbell } Chainmen
W. A. Smith }

Joseph W. Gay } Mound men
L. Grenier } Axmen and Flagmen

Township 31 North. bet. Ranges 14 and 15 West

chains

From the established corner to Townships No. 30 and 31 N. Ranges 14 and 15 West (said corner being a post in mound with pits, all in good preservation) I run North on a true line bet. Secs 36 and 31

Variation - by Bents Improved Solar Compass, 13° 40' East

North bet. Secs. 31 and 36
Variation 13° 40' East

40.00 Set post. deposit chained stake raise mound of earth with pits as per instructions for 1/4 Sec Corner.

80.00 Set post. deposit chained stake. raise mound of earth with pits, as per instructions for Corner to Secs. 25. 30. 31 and 36

Surface gently rolling - Soil 2d. rate. -

Township 31 North bet Ranges 14 & 15 W

chains	
	North bet. Sec. 25 and 30
	Variation 13° 40' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake raise mound of earth with pits, as per instructions for Comm to Sec. 19. 24. 25 and 30.
	Surface level.
	Soil 2d rate.

	North bet Sec. 19 and 24
	Variation 13° 40' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for Comm to Sec. 13. 18. 19 and 24
	Surface gently rolling, soil 2d rate

Town. 31 North. bet Ranges 14 & 15 W

chains	
	North bet Sec. 13 and 18
	Variation 13° 40' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner
80.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for Comm to Sec. 7. 12. 13 and 18
	Surface gently rolling
	Soil 2d rate

	North bet Sec. 7 and 12
	Variation 13° 40' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for Comm to Sec. 1. 6. 7 and 12
	Surface gently rolling, soil 2d rate

Town. 31 North bet Ranges 14 and 15 West

chains	
	North bet. Secs. 1 and 6
	Variation 13°40' East
40.00	Set port. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake. raise mound of earth with pits. as per instructions for Corner to Townships 31 and 32. Ranges 14 and 15 West and Secs. 1. 6. 31 and 36.
	Surface gently rolling Soil 2d. rate

Bet. Towns. 31 and 32 N. Range 14 West

chains	
	From the Corner to Township 31 and 32 N. Ranges 14 and 15 West.
	I run
	East on a random line bet. said Townships
	Variation 13°40' East
	I set temporary 1/2 mile & mile posts at every 40 & 80 chains and at 5 miles 79 chs. and 35 lks. intersect East Boundary of Township at a point 5/4 lks. South of corner to Townships 31 and 32. N. Ranges 14 and 15 West
	Therefore
	My correction will be 7/5 lks. West & 9. lks. North per mile & my course will be
	~~P.H.~~ 89°56' West ~~per mile~~

Bet. Twns. 31 and 32 N. Range 14 West

chains

S 89° 56' West on line bet. Sec. 1 and 36

Variation 13° 40' East

4.00 Dry bed of Stream. 30 lks. wide N.E.

40.00 Set port. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.

49.00 Enter marsh N.E.

50.65 Stream 20 lks. wide N.E.

54.00 Leave marsh N.E.

80.00 Set port. deposit chained stake raise mound of earth with pits. as per instructions for Corner to Secs. 1. 2. 35 and 36

Surface rolling. Soil 2d. rate

S 89° 56' West on line bet. Secs. 2 and 35

Variation 13° 40' East

40.00 Set port. deposit chained stake. raise mound of

Bet Twns. 31 and 32 N. Range 14 West

chains

earth with pits. as per instructions for 1/4 Sec. Corner

80.00 Set port. deposit chained stake. raise mound of earth with pits. as per instructions for Corner to Secs. 2. 3. 34 and 35

Surface rolling

Soil 2d. rate

S 89° 56' West on line bet. Secs. 3 and 34

Variation 13° 40' East

36.65 Stream 5 lks. wide N.

40.00 Set port. deposit chained stake raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.

81.00 Set port. deposit chained stake. raise mound of earth with pits. as per instructions for Corner to Secs. 3. 4. 33 and 34

Surface rolling - Soil 1st & 2d. rate

Bet. Twns 31 and 32 N. Range 14 W.

chains	
	N 89° 56' West on true line bet. Secs. 4 and 33
	Variation 13° 40' East
.80	Stream 5 lks. wide, North-
27.00	Stream 5 lks. wide N.E.
28.85	Stream 5 lks. wide S.E.
34.25	Stream 5 lks. wide N.E.
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
45.25	Stream 5 lks. wide, S.E.
46.65	Stream 5 lks. wide N.E.
80.00	Set port. deposit chained stake raise mound of earth with pits as per instructions for Corner to Secs. 4. 5. 32 and 33
	Surface rolling
	Soil 2d. rate.

S. N 89° 56' West on true line bet. Secs 5 and 32

Variation 13° 40' East

Bet Twns. 31 and 32 N. Range 14 W.

chains	
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Secs. 5. 6. 31 and 32.
	Surface rolling
	Soil 2d. rate

S. N 89° 36' West on true line bet. Secs. 6 and 31

Variation 13° 40' East

chains	
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
79.25	Corner to Townships 31 and 32 N. Ranges 14 and 15 West.
	Surface level
	Soil 2d. rate

August 5th 1872

Township 31 North.

General Description.

The surface of this Township is level and gently rolling.
The soil is black, sandy loam, but too hard and dry to be classed higher than 2d rate.
The vegetation is very small, on account of great scarcity of water.
If irrigated, the soil would produce in great abundance.

Township 32 N. bet. Ranges 14 and 15 West

chains

From the established corner to Townships 31 and 32 North, Ranges 14 and 15 West, I run North bet. Secs. 31 and 36
Variation 14° East

40.00 Set port. deposit chained stake, raise mound of earth with pits as per instructions for ¼ Sec. Cor.

80.00 Set port. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 25, 30, 31 and 36
Surface level. Soil 2d rate

North bet. Secs. 25 and 30
Variation 14° East

40.00 Set port. deposit chained stake, raise mound of earth with pits, as per instructions for ¼ Sec. Corner.

Township No 32 North bet R. 14 & 15

chains	
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 19. 24. 25 and 30
	Surface level
	Soil 2d. rate —
	North bet. Secs 19 and 24
	Variation 14° East
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner —
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for corner to Secs. 13. 18. 19 and 24
	Surface gently rolling
	Soil 2d. rate —

Town. 32 North bet Ranges 14 & 15 West

chains	
	North bet. Secs. 13 and 18
	Variation 14° East
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 7. 12. 13 and 18
	Surface rolling
	Soil 2d. rate —
	North bet. Secs. 7 and 12
	Variation 14° East
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake, raise mound of

Town. 32 North bet Ranges 14 and 15 W

chains

earth-with-pits, as per instructions for corner to Secs. 1. 6. 7 and 12
Surface — 1st 60 chs level — soil 1st rate
Balance rolling
Soil 2d rate.

North bet Secs. 1 and 6
Variation 14° East

40.00 Set post, deposit charred stake, raise mound of earth-with-pits, as per instructions for 1/4 Sec. Corner.

83.22 Intersect 8th Standard Parallel North — at a point 74 lks. West of 1/4 Sec. Cor. on South side of Sec. 31 Town. 33 N. Range 14 West. and set post deposit charred stake raise mound of earth-with-pits, as per instructions for a "Closing Corner" to Secs. 1 and 6 — Town. 33 N. R 14 + 15 West
Surface rolling — Soil 2d rate

Town. 33 North. bet. Ranges 14 + 15 West

chains

From the established corner to Townships 32 and 33 North. Ranges No 14 and 15 West — on the 8th Standard Parallel — (Said corner being a post in mound with pits — post, standing pits in good state of preservation — mound nearly obliterated)
Iron
North bet. Secs. 31 and 36
Variation 14° East

40.00 Set post, deposit charred stake, raise mound of earth-with-pits, as per instructions for 1/4 Sec. Corner.

64.00 Leave Bluffs + timber N.E. and S.W.

75.00 Stream 25 lks. wide comes S.W.

78.00 Leave ~~same goes~~ Bottom course N.E.

Township No 33 North-bet Ranges 14 & 15

chains

80.00 Set post. deposit charred stake. raise mound of earth-with-pits. as per instructions for Corner to Secs. 25. 30. 31 and 36 from which
A Black Walnut 8 in dia bears S 5° E 1.30 Ch. dist.
A Bur Oak 9 " " " S 67° W 1.00 "
Surface bottom level
Soil 2d rate
Balance rolling, 2d rate

North bet Secs. 25 and 30
Variation 14° East

9.00 Leave Bluffs and timber bearing N.E. and S.W.

40.00 Set post. deposit charred stake. raise mound of earth-with-pits. as per instructions for 1/4 Sec. Corner

80.00 Set post. deposit charred stake. raise mound of earth-with-pits

Township No 33. North bet Ranges 14 & 15 West

chains

as per instructions for corner to Secs. 19. 24. 25 and 30
Surface rolling
Soil 2d rate

North-bet. Secs. 19 and 24
Variation 14° East

40.00 Set post. deposit charred stake. raise mound of earth-with-pits. as per instructions for 1/4 Section Corner.

80.00 Set post. deposit charred stake. raise mound of earth-with-pits as per instructions for Corner to Secs. 13. 18. 19 and 24
Surface gently rolling
Soil 2d rate

North-bet. Secs. 13 and 18
Variation 14° East

Township No 33 North. bet Ranges 14 & 15

40.00	Set post. deposit chained stake, raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth-with-pits as per instructions for corner to Secs. 7. 12. 13 and 18
	Surface rolling
	Soil 2d. rate

North bet Secs 7 and 12
Variation 14° East

40.00	Set post. deposit chained stake, raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth-with-pits as

Township No 33 North bet. Ranges 14 & 15 West

chains	per instructions for corner to Secs. 1. 6. 7 and 12
	Surface gently rolling
	Soil 2d. rate

North bet. Secs. 1 and 6
Variation 14° East

40.00	Set post. deposit chained stake, raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth-with-pits as per instructions for corner to Secs. 1. 6. 31 and 36 + of Townships 33 and 34 N. Ranges 14 and 15 West.
	Surface gently rolling
	Soil 2d. rate

August 6th 1879

1 Bet. Townships 33 and 34 Range 14 West

chains

From the established corner to Townships 33 and 34 North Ranges 14 and 15 West I run East on a true line bet. said Townships (knowing that I will intersect the river in less than 480 chains)

East on true line bet Sec. 6 and 31

Variation 14° East

40.00 Set post deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

80.00 Set post deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec. 5. 6. 31 & 32

Surface gently rolling

Soil 2d rate

1 Bet. Townships 33 and 34. Range 14 West

chains

East on true line bet Sec. 5 and 32

Variation 14° East

40.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Section Corner.

80.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec. 4. 5. 32 and 33

Surface gently rolling

Soil 2d rate

East on a true line bet. Sec. 4 and 33.

Variation 14° East

40.00 Set post. deposit chained stake, raise mound of earth with pits as per instruction for 1/4 Sec. Corner.

Bet Towns. 33 and 34 N. Range 14 West

chains	
75.00	Enter Ravine N.E. and West
80.00	Set post. deposit chained stake, raise mound of earth-with-pits. as per instructions for Corner to Secs. 3 4. 33 and 34
	Surface rolling
	Soil 2d. rate
	East on true line bet Secs. 3 and 34
	Variation 14° East
40.00	Set post. deposit chained stake, raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth-with-pits. as per instructions for Corner to Secs. 2. 3. 34 and 35.
	Surface rolling
	Soil 2d. rate

Bet Townships No 33 and 34. Range 14 West

chains	
	East on a true line bet. Secs. 2 and 35
	Variation 14° East
1.50	Ravine N.E.
40.00	Set post. deposit chained stake. raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner.
57.00	To Niobrara River and set post. deposit chained stake. raise mound of earth-with-pits. as per instructions for a Meander Corner to fractional Secs. 2 and 35
	Surface rolling
	Soil 2d. rate

Bet Township 33 North

General Description.

This Township is generally gently rolling - Soil good second rate - a black sandy loam strongly impregnated with calcium - causing it to be particularly adapted to the production of wheat and good for all farming purposes. There is a Stream 25 lks. wide running through the Township in a North Easterly direction. It is heavily skirted with timber and possesses water power sufficient for any purpose to which it could be applied

Bet Ranges 14 and 15 Town. 34 West

chains

From the established corner to Townships 33 and 34 North - Ranges 14 and 15 West

I run

North bet. Sec. 31 and 36

Variation 14° East

6.50 Ravine descends N.W.

40.00 Set port, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.

60.00 Enter Cottonwood timber E and West

70.55 To Niobrara River and set port, deposit chained stake, raise mound of earth with pits, as per instructions for a Meander Corner to fractional Sec. 31 and 36 from which

A Cottonwood 28 in dia bears S 50° E 40 lks dist
A Cottonwood 14 " " " S 29° W 65 " "

80.00 Change to Sec. 25. 30. 31 and 36 in river
Surface - upland, rolling
Soil 2d rate, Balance level, 2 rate
Timber - Cottonwood

Township 34 N. bet. Ranges 14 + 15 West

chains	
	From point for cor. to Secs. 25. 30. 31 & 36 Town
	North bet. Secs. 25 and 30
	Variation 13° 55' East
22.80	Over River and set port deposit chained stake raise mound of earth with pits as per instructions for a Meander Corner to Secs. 25 and 30
33.00	Leave bottom for high bluffs. E and West
40.00	Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 19. 24. 25 and 30
	Surface rolling
	Soil 2d rate

Township 34 N. bet. Ranges 14 and 15 West

chains	
	North bet. Secs. 19 and 24
	Variation 13° 55' East
22.30	To Keyapaha River and set port deposit chained stake, raise mound of earth with pits as per instructions for Meander Corner from which
	A Bur Oak 9 in dia bears S 60° W 368 Ul. de
	A Bur Oak 8 " " " S 58° E 394 "
	Surface rolling, soil 2d rate
	Average width of River from 2 to 4 chains
	August 7th 1872

General Description.

The surface of this Township is generally rolling. Soil 1st + 2d rate. It is watered by the Niobrara & Keyapaha Rivers. The bottoms of these rivers are level - soil rich, vegetation heavy. Upland is dry - vegetation light. Properly cultivated would produce good wheat.

Township 29 South. bet Ranges 15 and 16

chains

1 Begin at the established corner to Townships 28 and 29 South. Ranges 15 and 16 West, on the 7th Standard Parallel, and run

North - bet Secs. 31 and 36

Variation 13° 49' East

40.00 Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner

80.00 Set port. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 25, 30, 31 and 36

Surface level

Soil 1st rate

North bet Secs. 25 and 30

Variation 13° 46' East

Township 29 South. bet Ranges 15 and 16

chains

40.00 Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

80.00 Set port. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 19, 24, 25 and 30

Surface level

Soil 1st rate

North bet. Secs. 19 and 24

Variation 13° 41' East

40.00 Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

80.00 Set port. deposit chained stake, raise mound of earth with pits as

Township No 29 North bet Ranges 14 & 15

chains	
	per instructions for Corner to Secs. 13. 18. 19 and 24
	Surface level
	Soil 1st rate
	North bet. Secs. 13 and 18
	Variation 13° 48' East
40.00	Set post. deposit charred stake. raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner -
80.00	Set post. deposit charred stake. raise mound of earth-with-pits as per instructions for Corner to Secs. 7. 12. 13 and 18
	Surface level
	Soil 1st rate -
	North - bet. Secs. 7 and 12
	Variation 13° 48' East

Town. 29 North, bet Ranges 15 and 16 West

chains	
40.00	Set post. deposit charred stake. raise mound of earth-with-pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit charred stake. raise mound of earth-with-pits as per instructions for Corner to Secs. 1. 6. 7 and 12.
	Surface level
	Soil 1st rate -
	North - bet. Secs. 1 and 6
	Variation 13° 50' East
40.00	Set post. deposit charred stake. raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit charred stake. raise mound of earth-with-pits, as per instructions for Corner to Secs. 1. 6. 31 and 36 & Townships 29 and 30. Ranges 15 & 16 West -
	Surface level - Soil 1st rate

Bet. Townships 29 and 30. Range 15 West

chains

From the corner to Townships 29 and 30 North, Ranges 15 and 16 West I run East on a random line bet. said Townships

Variation 13° 30' East

I set temporary 1/2 mile and mile posts at every 40 and 80 chains and at 5 miles 49 chains and 60 links intersected East Boundary of Township at a point 413 lks South of corner to Townships 29 and 30 N. Ranges 14 and 15 West.

Therefore the correction will be 40 x 8 lks West and 7 lks South per mile, and the course will be S 89° 57' West

Bet Twns. 29 and 30 Range 15 West

chains

South 89° 57' West on true line bet. Secs. 1 and 36

Variation 13° 30' East

40.00 Set post, deposit charred stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.

80.00 Set post, deposit charred stake, raise mound of earth with pits, as per instructions for Corner to Secs. 1, 2, 35, and 36

Surface level Soil hard and dry 2d rate.

S 89° 57' West on true line bet Secs. 2 and 35

Variation 13° 30' East

40.00 Set post, deposit charred stake, raise mound of earth with pits as

Bet. Twns. 29 and 30. Range 15 West

chains

per instructions for 1/4 Sec. Corner

80.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Sec.s 2. 3. 34 and 35

Surface level
Soil hard and dry,
2nd rate.

South 39° 57' West

North bet. Sec.s 3 and 34
Variation 13° 30' East

40.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 S.s. Corner

80.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec.s 3. 4. 33 and 34

Surface level. Soil 2nd rate

Bet Twns. 29 and 30. Range 15 West

chains

S 89° 57' West on true line bet. Sec.s 4 and 33
Variation 13° 30' East

40.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner

80.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec.s 4. 5. 32 and 33

Surface level
Soil 1st rate

S 89° 57' West on true line bet. Sec.s 5 and 32
Variation 13° 30' East

40.00 Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

Bet. Tns. 29 & 30. Range 15 West

Chains	
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Sec. 5. 6. 31 and 32
	Surface level
	Soil 1st rate
	S 89° 37' West on true line bet. Sec. 6 and 31
	Variation 13° 30' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner
79.60	Corner to Sec. 1. 6. 31 and 36 and Townships 29 and 30 North, Ranges 15 and 16 West
	Surface level
	Soil 1st rate

Township 29 North Range 15 West

General Description.

The surface of this Township is mostly level, soil gently rolling and rocky in S. & E. portion of the Township.

In the N.E. there is some very dry & hard soil.

With these exceptions the Township is a choice body of land. The soil being generally black sandy loam of great depth, covered with a heavy growth of grass — Excellent for grazing and hay.

Bet. Towns. 29 and 30 Range 16 West

chains

Begin at established corner to Towns. 29 and 30 North, Ranges 15 and 16 West, and run West on random line bet. said Townships.

Variation 13° 48' East

I set temporary 1/2 mile and mile posts at every 40 and 80 chains and at 5 miles 79 chs. and 74 lks intersected 2d. Guide Meridian N. 34 lks. South of corner to Townships 29 and 30 — Therefore my correction will be 6 lks. South per mile & my course will be N 89° 37' East per mile.

Bet Towns. 29 and 30 Range 16 West

chains

N 89° 37' East on line bet. Sec. 6 and 31

Variation 13° 48' East

39.74 Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner &

79.74 Set port. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec. 5. 6. 31 and 36.

Surface rolling, Soil Sandy — 8% rate —

N 89° 37' East on line bet. Sec. 5 and 32

Variation 13° 48' East

40.00 Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner —

Bet Towns. 29 and 30. Range 16 West

chains	
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for corner to Secs. 4. 5. 32 and 33
	Surface rolling
	Soil sandy 3d rate
	N 89° 57' East on true line bet. Secs. 4 and 33
	Variation 13° 50' East
35.00	Leave Sand Hills. N.E. & S.W.
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for corner to Secs 3. 4. 33 and 34

Bet Town. 29 and 30. Range 16 West

chains	
	Surface level
	Soil 1st rate
	N 89° 57' East on true line bet. Secs 3 and 34
	Variation 13° 50' East
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner
80.00	Set post. deposit chained stake, raise mound of earth with pits as per

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...aned stake, raise
...ound of earth
...h pits, as per
...structions for corner
...Secs 3. 4. 3/3 and 34

Bet Town. 29 and 30. Range 16 West

chains

Surface level
Soil 1st rate

N 89° 57' East on true
line bet. Secs. 3 and 34
Variation 13° 50' East

40.00 Set post. deposit
chained stake, raise
mound of earth with
pits as per instruct-
ions for 1/4 Sec. Corner

80.00 Set post. deposit
chained stake, raise
mound of earth
with pits. as per
instructions for
Corner to Secs. 2. 3.
34 and 35
Surface level
Soil 1st rate

N 89° 57' East on
true line bet. Secs.
2 and 35
Variation 13° 51' East

40.00 Set post deposit chained stake in mound
of Earth with pits per instructions
for 1/4 sec cor

80.00 Set post deposit chained stake in
Mound of Earth with pits per instructions
for cor to secs.
2. 2. 35 & 36.
Surface level Soil 1st rate

Bet Towns 29 and 30 N. Range 16 West

chains	
	N 89° 57' East on true line bet Secs. 1 and 36
	Variation 13° 55' East
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner
80.00	Corner to Secs 1. 6. 31 and 36 and Townships 29 and 30. Ranges 15 and 16
	Surface level
	Soil 1st rate
	Aug 8th 1872
	General Description.
	The Surface of East 1/2 is level - Soil 1st rate. Balance gently rolling Soil sandy. from 2d to 3d rate

Township 30 North, bet Ranges 15 and 16 West

chains	
	From the established corner to Townships 29 and 30 N. Ranges 15 and 16 West.
	I run
	North bet. Secs. 31 and 36
	Variation 13° 45' East
40.00	Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner
80.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Sections 25. 30. 31 and 36
	Surface level
	Soil 1st rate
	North bet. Secs. 25 and 30
	Variation 13° 45' E
40.00	Set port. deposit chained

Town. 30 N. bet N. Range 15 and 16 W.

chains	
	stake, raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner
80.00	Set port. deposit chained stake, raise mound of earth-with-pits as per instructions for corner to Secs. 19.24, 25 and 30
	Surface level
	Soil 1st rate
	North bet. Secs. 19 and 24
	Variation 13° 45' East
40.00	Set port. deposit chained stake, raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner
80.00	Set port. deposit chained stake, raise mound of earth-with-pits as per

Town. 30 N. bet Ranges 15 and 16 West

chains	
	instructions for corner to Secs. 13, 18, 19 and 24
	Surface level
	Soil 1st rate
	North bet Secs. 13 and 18
	Variation 13° 45' E
40.00	Set port. deposit chained stake, raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake, raise mound of earth-with-pits as per instructions for Corner to Secs. 7.12. 13 and 18
	Surface level
	Soil 1st rate
	North bet Secs. 7 and 12
	Variation 13° 45' East
37.20	Elk Horn River course S.E. - 20 lks. wide

Township 30 North - bet Ranges 15 and 16 West

40.00 Set post - deposit charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner

70.00 Leave Bottom in gently rolling land

80.00 Set post, deposit charred stake, raise mound of earth with pits as per instructions for corner to Sec. 1. 6. 7 and 12

Surface gently rolling Soil 2d. rate

North bet Sec. 1 and 6

Variation 13° 45' East

40.00 Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

80.00 Set post, deposit charred stake, raise mound of earth with pits as per instructions for corner to Sec. 1. 6. 31 and 36 of Twps. 30 and 31 N. Ranges 15 and 16 West

Surface gently rolling. Soil 2d. rate

Bet Twns. 30 and 31. Range 15 West

chains

Begin at established corner to Twns. 30 and 31 N. Ranges 15 and 16 West and East on a random line bet. said Townships.

Variation 13° 45' East

I set temporary 1/2 mile and mile posts at every 40 and 80 chains and at 5 miles 79 ch. 46 lks. intersect East Boundary at a point 146 lks. N. of corner to Twns. 30 and 31 Range 15 West.

Therefore my correction will be 54 lks. West and 24 1/2 lks. South per mile & the course will be N 89° 30' West ~~[illegible]~~.

N 89° 30' West on true line bet. Sec. 1 and 36

Variation 13° 45' East

Bet Towns. 30 and 31 N. Range 15 West

Chains	
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for Corner to Sect. 1. 2. 35 and 36
	Surface gently rolling Soil 2d rate.
	N 89° 30' West on line line bet. Secs. 2 and 35
	Variation 13° 45' East
40.00	Set post. deposit chained stake raise mound of earth with pits. as per instructions for 1/4 Sec. Corner
80.00	Set post. deposit chained stake. raise

Bet Towns. 30 and 31 N. Range 15 West

Chains	
	mound of earth with pits as per instructions for Corner to Sect. 2. 3. 34 and 35
	Surface gently rolling Soil 2d rate.
	North 89° 30' West on a line line bet. Sec. 3 and 34
	Variation 13° 45' East
40.00	Set post. deposit chained stake raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 3. 4. 33 and 34
	Surface gently rolling Soil 2d rate
	N 89° 30' West on line line bet Sec. 4 and 33
	Variation 13° 45' East

Bet. Twns 30 and 31. Range ch 15

chains

40.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corn.

80.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Secs. 4. 5. 32 and 33.
Surface rolling
Soil 2d rate

N 89° 30' West on true line bet. Secs 5 and 32
Variation 13° 45' East

40.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner

80.00 Set post. deposit chained stake, raise mound

Bet. Twns. 30 and 31 N. Range 15 West

chains

of earth with pits, as per instructions for Corner to Secs. 5. 6. 31 and 32
Surface level
Soil 2d rate

N 89° 50' West on true line bet. Secs. 6 and 31
Variation 13° 45' East

40.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

79.46 Corner to Township 30 and 31 N. Ranges 15 and 16 West.
Surface level
Soil 2d rate

Town. 30 N. Range 15 West

General Description.

The surface of this Township is nearly level. It contains the Elk Horn River, which runs through it from N.W. to S.E.

The Soil South of the Elkhorn is black, sandy loam of 1st rate.

North of the Elkhorn the soil is hard and gravelly, & will not average over 2d rate.

The Elkhorn is from 12 to 20 lks. wide and from 14 to 24 inches deep.

Bet Towns 30 and 31 N. Range 16 West

chains

Begin at established corner to Towns. 30 and 31 North Ranges 15 and 16 West and run West on a random line bet said Townships.

Variation 13° 55' East

I set temporary 1/2 mile and mile posts at every 40 and 80 chains, and at 5 miles 79 chains and 38 links I intersected the West Boundary of Township, which is the 2d Guide Meridian West — at a point 30 lks. South of corner to Towns 30 and 31. Range 16 & 17 West

Therefore my correction will be 5 lks. West per mile and my course will be S 89° 55' East per mile.

Bet. Twns. 30 and 31 N. Range 16 West

chains	
	S 89°38' East on true line bet. Secs. 6 and 31
	Variation 13°55' East
39.38	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
79.38	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for Corner to Secs. 5. 6. 31 and 32
	Surface level
	Soil 1st rate
	S 89°38' East on true line bet. Secs. 5 and 32
	Variation 13°55' East
40.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner

Bet Twns. 30 and 31 N. Range 16 West

80.00	Set post. deposit chaned stake raise mound of earth with pits as per instructions for Corner to Secs. 4. 5. 32 and 33
	Surface level
	Soil 1st rate
	S 89°58' East on true line bet. Secs. 4 and 33
	Variation 13°55' East
40.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for corner to Secs. 3. 4. 33 and 34
	Surface level
	Soil 1st rate

Bet Twns. 30 and 31 N. Range 16 West

chains

S 89° 58' East on true line bet Sec. 3 and 34
Variation 13° 55' East
1 1.50 Drain 25 lks. wide S.E. water with us
40.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
56.00 Drain 25 lks. wide S.E. water with us
56.40 Drain 25 lks. wide N.E. " " "
58.85 Drain 25 lks. wide S.E. " " "
80.00 Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec. 2. 3. 34 and 35
Surface level
Soil 1st rate

S 89° 58' East on true line bet. Sec. 2 and 35
Variation 13° 55' East
20.00 Leave Bellevue N.W. & S.E.
40.00 Set post. deposit chained

Bet Townships 30 & 31 N. Range 16 West

chains

stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner
80.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Sec. 1. 2. 35 and 36
Surface 1st 20 chs level
Soil 1st rate, Balance rolling - 2d rate.

S 89° 58' East on true line bet. Sec. 1 and 36
Variation 13° 55' East
40.00 Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
81.00 Corner to Townships 30 and 31 North, Ranges 15 and 16 West
Surface rolling. Soil 2d rate
Aug 9th 1878

Bet Townships 30 & 31 N. Range 16 West

General Description.

The surface of this Town. is nearly level.
The soil is black loam mixed with sand.— of great depth and strength
It is covered with a heavy growth of grass, excellent for grazing or hay.
The waters of the Elkhorn disappear in this Township, yet excellent water can be obtained by digging from 11 to 20 feet.
The entire Township is well adapted to agriculture, the soil being superior in quality.

Town. 31 N. bet Ranges 15 and 16 West

Chains	
	Begin at corner to Tows 30 and 31 N. Ranges 15 & 16 West and run thence North bet. Secs. 31 and 36
	Variation 13° 45' East
40.00	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for Corner to Secs. 25. 30. 31 and 36
	Surface gently rolling Soil 2d rate.
	North bet. Secs. 25 and 30
	Variation 13° 45' East
40.00	Set post. deposit chaned stake. raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chaned

Town. 31 N. Ranges 15 and 16 West

chains

stake, raise mound of earth with pits as per instructions for corner to Sec. 19, 24, 25 and 30
Surface rolling
Soil 2d rate

North bet. Sec. 19 and 24
Variation 13° 45' East

40.00 Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00 Set post, deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec. 13, 18, 19 and 24
Surface rolling
Soil 2d rate.

North bet Sec. 13 and 18
Variation 13° 45' East

Town. 31 N. bet. Ranges 15 and 16 West

chains

40.00 Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00 Set post, deposit chained stake, raise mound of earth with pits as per instructions for Corner to Sec. 7, 12, 13 and 18
Surface rolling
Soil 2d rate.

North bet Sec. 7 and 12
Variation 13° 45' East

40.00 Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
~~[illegible]~~
80.00 Set post, deposit chained

Town. 31 N. bet Ranges 15 and 16

chains

stake, raise mound of earth with pits, as per instructions for Corner to Secs. 1.6.7 and 12.

Surface level
Soil 1st rate.

North bet Secs. 1 and 6
Variation 13° 45' East

40.00 Set post. deposit chaned stake, raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.

49.10 Stream 5 lks. wide N.E.

80.00 Set post. deposit chaned stake, raise mound of earth with pits as per instructions for corner to Secs. 1. 6. 31 & 36 and to Townships 31 and 32 N. Ranges 15 and 16 West.

Surface level. soil 1st rate

Bet Twns. 31 and 32 N. Range 15 West

From the established corner to Townships 31 and 32 North. Ranges 15 and 16 West.

I run
East on a random line bet. said Townships
Variation 13° 55' East

I set temporary 1/2 mile and mile posts at every 40 and 80 chains and at 5 miles 79 chains and 40 links I intended East Boundary of Township at a point 45 lks. North of corner to Townships 31 and 32 N. Ranges 14 and 15 West.

Therefore my correction will be 60 lks West + 7 lks South per mile + my course N 89° 37' West.

Bet. Towns. 31 and 32 N. Range 15 West

chains	
	N 89° 57' West on mid line bet. Sec. 1 and 36
	Variation 13° 55' East
40.00	Set port. deposit chaned stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set port. deposit chaned stake raise mound of earth with pits, as per instructions for Corner to Sec. 1. 2. 35 and 36
	Surface gently rolling
	Soil 2nd rate

	North 89° 57' West on mid line bet. Sec. 2 and 35
	Variation 13° 55' East
40.00	Set port. deposit chaned stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set port. deposit chaned

Bet. Townships 31 and 32 N. Range 15 West

chains	
	stake, raise mound of earth with pits, as per instructions for Corner to Sec. 2. 3. 34 and 35.
	Surface gently rolling
	Soil 2nd rate

	N 89° 57' West on mid line bet. Sec. 3 and 34
	Variation 13° 45' East
40.00	Set port. deposit chaned stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
~~42.00~~	~~Enter Bottom N. W. & S. E.~~
44.45	Stream 15 lks. wide N.W.
48.00	Leave Bottom N.W. and S.E.
80.00	Set port. deposit chaned stake, raise mound of earth with pits, as per instructions for Corner to Sec. 3. 4. 33 and 34.
	Surface rolling
	Soil 2nd rate

Bet Townships 31 and 32 Range 15 West

chains	
	N 89° 57' West on true line bet. Sec. 4 and 33
	Variation 13° 55' East
25.00	Enter Bottom N.E. and S.W.
26.50	Stream 10 lks. wide N.E.
27.00	Leave Bottom N.E. and S.W.
39.00	Enter Bottom S.E. and N.W.
40.00	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
42.00	Stream 10 lks. wide S.E.
43.00	Leave Bottom S.E. and N.W.
59.00	Enter Bottom N.E. and S.W.
59.50	Stream 5 lks. wide N.E.
60.00	Leave Bottom N.E. and S.W.
80.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for Corner to Sec. 4. 5. 32 and 33
	Surface rolling
	Soil 2nd rate

Bet Townships 31 and 32 Range 15 West

chains	
	N 89° 57' West on true line bet. Sec. 5 and 32
	Variation 13° 55' East
40.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chaned stake, raise mound of earth with pits, as per instructions for Corner to Sec. 5. 6. 31 and 32
	Surface rolling
	Soil 2nd rate

	N 89° 57' West on true line bet. Sec. 6 and 31
	Variation 13° 55' East
9.40	Enter Bottom N. and S.
20.00	Stream 10 lks. wide.
40.00	Set post. deposit chaned

chains

stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

79.40 Corner to Towns 31 and 32 North Range 15 and 16 West.

Surface gently rolling Soil 2d rate.

General Description.

The surface of this Town is gently rolling Soil 2d rate.
It is watered by beautiful Spring branches skirted with timber, and is well adapted to agriculture.

chains

From the established corner to Townships 31 and 32 N. Ranges 15 and 16 West.
I run
West on a random line bet Said Townships
Variation 13°55' East
I set temporary 1/2 mile and mile posts at every 40 and 80 chains and at 5 miles 79 chains and 23 links, intersect West Boundary of Town. which is the 2d Guide Meridian West at a point 24 lks. South of corner to Towns. 31 and 32 N. Ranges 16 and 17 West.
Therefore my correction will be 4 lks. North per mile & the course will be S 89°58' East

Bet. Twns. 31 and 32 N. Range 16 West

chains	
	S 89° 58' East on true line bet. Secs. 6 and 31
	Variation 18° 55' East
39.23	Set post. deposit chained stake, raise mound of earth - with - pits as per instructions for 1/4 Section Corner -
79.23	Set post. deposit chained stake, raise mound of earth - with - pits. as per instructions for Corner to Secs. 5. 6. 31 & 32
	Surface rolling. Soil 3rd rate
	S 89° 58' East on true line bet. Secs. 5 and 32 Variation 18° 55' E
40.00	Set post. deposit chained stake raise mound of earth - with - pits as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake raise mound of earth - with pits. as per instructions for Cor. to Secs. 4. 5. 32 & 33
	Surface rolling. Soil sandy. 3rd rate

Bet. Twns. 31 and 32 N. Range 16 West

chains	
	S 89° 58' East on true line bet. Secs. 4 and 33
	Variation 18° 55' East
40.00	Set post. deposit chained stake, raise mound of earth - with - pits as per instructions for 1/4 Sec. Cor.
80.00	Corner to Secs. 3. 4. 33 and 34 falling in Marsh, could not be established, therefore, set a Witness to that corner on the line. 50 lks. East. where I set post deposit chained stake, raise mound with pits as per instructions for Witness Corner to Secs. 3. 4. 33 & 34. Surface rolling, Soil sandy 3rd rate
	S 89° 58' East on true line bet. Secs. 3 and 34 Variation 18° 55' E
1.40	Enter Marsh. S.E. and N.W.
4.00	Leave Marsh S.E. and N.W.
40.00	Set post. deposit chained stake. raise mound of earth - with - pits. as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained

Bet Twns 31 and 32 N. Range 16 West

chains	
	stake, raise mound of earth with pits as per instructions for Corner to Secs. 2. 3. 34 and 35
	Surface rolling Soil sandy. 3d. rate
	S 89 58 East on true line bet. Secs. 2 and 35
	Variation 13°55' East
40.00	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for Corner to Secs. 1. 2. 35 and 36
	Surface 1st rolling Soil 3d rate.

Bet Twns. 31 and 32 N. Range 16 W.

chains	
	S 89 58 East on true line bet. Secs. 1 and 36
	Variation 13°55' East
26.00	Enter Marsh N. E. and S. W.
33.00	Leave Marsh N. E. and S. W.
40.00	Set post. deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner
80.00	Corner to Townships 31 and 32 N. Ranges 15 and 16 West. Surface 1st 1/2 rolling. Soil 3d rate. Balance level. Soil 3d rate.
	Aug. 10th 1872

Bet Towns. 31 and 32 N. Range 16 W

General Description

The surface of this Township is rolling soil sandy & varies from 2d to 3d rate —
Water can be obtained by digging a few feet.

Town. 32 N. bet Ranges 15 and 16 W.

chains

From the established corner to Townships 31 and 32 N. Ranges 15 and 16 West.
I run
North bet. Secs. 31 and 36
Variation 13°45' East
40.00 Set port. deposit charred stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
78.00 Stream 2 Ch. wide N.E.
80.00 Set port. deposit charred stake, raise mound of earth with pits, as per instructions for corner to Secs. 25, 30 31 and 36
Surface level
Soil 1st rate —

North bet Secs. 25 and 30
Variation 13°45' East
40.00 Set port. deposit charred stake, raise mound

Bet Ranges 15 & 16 Town. 32 N.

chains

of earth-with-pits. as per instructions for 1/4 Sec. Corner

80.00 Set post. deposit chained stake, raise mound of earth-with-pits, as per instructions for Corner to Secs. 19, 24, 25, 30

Surface ~~rolling~~

Soil 3rd rate, sandy-

North bet. Secs. 19 & 24

Variation 18° 45' East

40.00 Set post, deposit chained stake, raise mound of earth-with-pits, as per instructions for 1/4 Sec. Corner.

80.00 Set post. deposit chained stake, raise mound of earth-with-pits. as per instructions for Corner to Secs. 13, 18, 19 & 24 and 30

Surface rolling. Soil 2nd rate

Town. 32 N. bet Ranges 15 & 16 East

chains

North bet. Secs. 13 and 18

Variation 18° 45' East

40.00 Set post. deposit chained stake, raise mound of earth-with-pits, as per instructions for 1/4 Sec. Corner.

54.50 Stream 10 lks. wide N.

80.00 Set post. deposit chained stake, raise mound of earth-with-pits, as per instructions for Corner to Secs. 7, 12, 13 and 18

Surface rolling

Soil 2nd rate.

North bet. Secs. 7 and 12

Variation 18° 45' East

40.00 Set post. deposit chained stake, raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner

Town. 32 N. bet Ranges 15 and 16 West

chains

77.00 Enter Bur Oak timber N.W. and S.E.

78.50 Ravine N.W. skirted with timber

79.00 Leave Timber N.W. and S.E.

80.00 Set port. deposit charred stake, raise mound of earth-with-pits as per instructions for Corner to Secs. 1. 6. 7 and 12 from which

A Bur Oak 8 in dia bears N 85° W 140 lks. dist

A Bur Oak 5 " " " N 3° W 85 " "

Surface rolling

Soil 2d rate

North bet. Secs. 1 and 6

Variation 13° 45' East

3.00 Enter Timber N.W. and S.E.

20.00 Enter Creek bottom E & W

22.25 Stream 3 lks. wide West

26.35 Stream 10 " " N.E.

40.00 Set port. deposit charred stake, raise mound of earth-with-pits as

Town. 32 North. bet Ranges 15 and 16 West

chains

per instructions for 1/4 Sec. Corner. from which

An Elm 30 in dia bears S. 75° E. 210 lks. dist

A Bur Oak 10 " " " N. 87° W. 100 " "

45.00 Leave timber & bottom N.E. and S.W.

82.80 Intersect 8th Standard Parallel North at a point 143 lks. East of 1/4 Corner to ~~Townships~~ Sec 31 Township 33 N. Ranges 15 West, and Set port. deposit charred stake, raise mound of earth-with-pits as per instructions for a "Closing Corner" to Secs. 1 and 6. T. 32. N. Rs. 15 & 16 W.

Surface - bottom, level

Soil 1st rate

Balance upland, rolling

Soil 2d rate

Timber Bur Oak

Town. 32 N. bet Ranges 15 and 16 W.

General Description.

The surface of this Township is gently rolling. soil good 2d rate — well adapted to agriculture.
The ravines in N.W. part, contain a heavy growth of Bur Oak Timber — affording a supply of fuel for settlers.
It is watered by small spring brooks and also by a stream 12 lks. wide, 16 inches deep, running N.E. through the Township, — this stream is skirted by Timber.

Town. 33 North. bet Ranges 15 and 16 West

From the established corner to Townships 32 and 33 North. Ranges 15 and 16 West, on the 8th Standard Parallel North. I run North bet. Secs. 31 and 36
Variation 14° East
18.00 Enter Bur Oak Timber N.E. and S.W.
40.00 Set post. deposit charcoal stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner
41.45 Ravine — E. and W.
45.50 Ravine E. and W.
46.00 Leave Oak Timber N.E. and S.W.
80.00 Set post. deposit charcoal stake raise mound of earth with pits as per instructions for Corner to Secs. 25.30 31 and 36.
Surface rolling — Soil 2d rate

Town. 33 N. Bet Ranges 15 and 16

chains

North bet. Secs. 25 and 30
Variation 14° East

40.00 Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner

80.00 Set port. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 19. 24. 25 and 30

Surface rolling Soil 2d rate

North bet. Secs. 19 and 24
Variation 14° East

40.00 Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner

80.00 Set port. deposit

Township 33 North bet Ranges 15 and 16

chains

chained stake, raise mound of earth with pits, as per instructions for Corner to Secs. 13. 18, 19 and 24

Surface rolling Soil 2d rate

North bet. Secs. 18 and 18
Variation 14° East

3.00 Ravine East

36.25 Ravine N.E.

40.00 Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

58.25 Enter Bottom L. W. & M.

71.74 To Niobrara River

Set port. deposit chained stake, raise mound of earth with pits, as per instructions for

Town. 33 N. bet Ranges 15 and 16 W

chains	
	a Meander Corner to frac. Sec. 13 and 18 from which A Cottonwood 22 in diameter S 63 3/4 West - 220 lks dist
80.00	Corner to Secs. 7. 12. 13 and 18 in River — Surface bottom level Soil 1st rate Balance rolling - 2d rate
	North bet Secs. 7 and 12 Variation 14° East
23.80	Over Niobrara River and set port. deposit chained stake, raise mound of earth with pits, as per instructions for Meander Corner to frac. Secs. 7 and 12
28.00	Leave Bottom E and W.
29.10	Ravine S.E.
35.50	Ravine S.E.

Town. 33 N. bet Ranges 15 and 16 W.

chains	
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Secs. 1. 6. 7 and 12. Surface rolling Soil 2d rate -
	North bet. Secs. 1 and 6 Variation 14° East
40.00	Set port. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake raise mound of earth with pits as per instructions

for corner to Secs. 1.6
31 and 36 & Townships
33 and 34. North - Ranges
15 and 16 West.
Surface rolling
Soil 2d rate

From the established
corner to Townships
33 and 34 N. Ranges
15 and 16 West
I run
East on a random
line bet. said Townships
Variation 14° East
I set temporary 1/2 mile
and mile posts. at
every 40 and 80 chains
and at 6 miles & 10 lks.
intersect East Boundary
of Township at post, corner
to Towns. 33 and 34 N.
Ranges 15 and 16 West
My Correction will be 10 East per
mile — & my course West.

chains

West on true line
bet. Secs. 1 and 36
Variation 14° East
15.00 Enter Timber N.W. and S.E.
18.00 ~~Enter bottom N.W. S.E.~~ Stream
3 lks. wide N.W.
22.00 Leave Timber N.W. and S.E.
37.00 Enter Bur Oak Grove N. and S.
39.00 Leave Bur Oak Grove N. and S.
40.00 Set post - deposit chained
stake, raise mound of
earth - with - pits, as per
instructions for 1/4 Sec. Cor.
60.50 Enter River bottom N.E. and S.W.
66.00 Stream 10 lks. wide N.E.
79.65 To Niobrara River, and
set post. deposit chained
stake, raise mound of
earth - with - pits, as
per instructions for
Meander Corner to
frac. Secs. 1 and 36
80.00 ~~Corner to Secs. 1.2.35~~ ~~Set post. deposit chained~~
~~stake, raise mound~~
~~of earth with pits as~~
~~per instructions for cor.~~
~~Secs. 1.2.35 and 36~~
~~Surface bottom level 1st rate~~

chains

West on a true line bet. Secs. 2 and 35

Variation 14° East

~~40.00~~ ~~Set post. deposit charred stake, raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner.~~

33.05 Leave Niobrara River & set post. deposit charred stake, raise mound of earth-with-pits, as per instructions, for Meander Corner to frac. Secs. 2 and 35

40.00 Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

54.00 Leave Bottom N.E. and S.W.

80.00 Set post deposit charred stake, raise mound of earth-with-pits as per instructions for Corner to Secs. 2, 3, 34 and 35

Surface gently rolling Soil 2d rate

West on true line bet. Secs. 3 and 34

Variation 14° East

5.50 Stream 3 lks. wide S.E.

40.00 Set post. deposit charred stake, raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner

80.00 Set post. deposit charred stake, raise mound of earth-with-pits, as per instructions for Corner to Secs. 3. 4. 33 and 34

Surface gently rolling Soil 2d rate

West on true line bet Secs. 4 and 33

Variation 14° East

40.00 Set post. deposit charred stake, raise mound

Bet. Tpns 33 and 34. Range 15 West

chains

of earth-with-pits as per instructions. for 1/4 Sec. Cor.

80.00 Set pat. deposit chained stake, raise mound of earth-with-pits as per instructions for Corner to Sec. 4.5. 32 and 33

Surface gently rolling Soil 2d rate

West on true line bet. Sec. 5 and 32

Variation 14° East

40.00 Set pat. deposit chained stake, raise mound of earth-with-pits as per instructions for 1/4 Sec Corner

80.00 Set pat. deposit chained stake, raise mound of earth with-pits as per instructions for Corner to Sec. 5. 6. 31 and 32.

Surface gently rolling Soil 2d rate

Bet Tpns. 33 and 34 Range 15 West

chains

West on true line bet Sec. 6 and 31

Variation 14° East

40.00 Set pat. deposit chained stake, raise mound of earth-with-pits. as per instructions for 1/4 Sec. Corner.

80.10 Corner to Sec. 1. 6. 31 and 36 and to Townships 33 and 34 N. Ranges 15 and 16 West

Surface rolling

Soil 2d rate

Aug. 11th 1872

General Description.

The surface of this Tpn. is gently rolling. Soil of upland - 2d rate.

The Niobrara bottom is level. Soil 1st rate

The Niobrara has low banks, quick-sand bottom - water from 2 to 3 feet deep. - current rapid

Bet Towns 33 and 34 N. R 16 West

chains

From the established corner to Towns 33 and 34 N. Ranges 15 and 16 West, I run West on a random line bet. said Townships.

Variation 14° 05' East

I set temporary 1/2 mile and mile posts at every 40 and 80 chs. and at 5 miles 78 chs. and 80 lks. I intersect West Boundary of Township, on 2d Guide Meridian West at a point 110 lks. South of corner to Towns 33 and 34. Therefore my correction will be 18 lks. ~~South~~ North per mile, & my course will be

S 89° 52' East ~~per mile~~

Bet. Towns. 33 and 34 N. R 16 West

chains

S 89° 52' East on true line bet. Secs. 6 and 31

Variation 14° 05' East

38.80 Set post. deposit charred stake, raise mound of earth with pits. as per instructions for 1/4 Sec. Corner —

78.80 Set post. deposit charred stake, raise mound of earth with pits. as per instructions for Corner to Secs. 5, 6, 31 and 32 —

Surface gently rolling Soil 2d rate.

S 89° 52' East on true line bet. Secs. 5 and 32

Variation 14° 05' East

40.00 Set post. deposit charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner —

Bet. Towns. 33 and 34 N. R. 16

chains	
80.00	Set port. deposit chained stake, raise mound of earth-with-pits as per instructions for Corner to Secs. 4. 5. 32 and 33 Surface rolling Soil 2d rate
	S 89° 52' East on true line bet. Secs. 4 and 33 Variation 14° 5' East
40.00	Set port. deposit chained stake, raise mound of earth-with-pits, as per instructions for 1/4 Sec. Cor.
80.00	Set port. deposit chained stake, raise mound of earth with-pits, as per instructions for Corner to Secs. 3. 4. 33 and 34 Surface gently rolling Soil 2d rate

Bet. Towns. 33 and 34 N. Range 16 W

chains	
	S 89° 52' East on true line bet. Secs. 3 and 34 Variation 14° 05' East
40.00	Set port. deposit chained stake, raise mound of earth-with-pits, as per instructions for 1/4 Sec. Corner
80.00	Set port. deposit chained stake, raise mound of earth-with-pits as per instructions for Corner to Secs. 2. 3. 34 and 35 Surface gently rolling Soil 2d rate
	S 89° 52 East bet. Secs. 2 and 35 Variation 14° 5' East
40.00	Set port. deposit chained stake, raise mound of earth-with-pits as per instructions for 1/4 Sec. Corner.

Bet. Towns. 33 and 34 N. Ranges 16 W.

chains	
80.00	Set port. deposit chaned stake, raise mound of earth with pits as per instructions for Corner to Secs. 1. 2. 35 and 36
	Surface rolling Soil 2d rate
	S 89° 52' East on this line bet. Secs. 1 and 36
	Variation 14° 5' East
40.00	Set port. deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner
80.00	Corner to Secs. 1. 6. 31 and 36 Towns. 33 and 34 N. Ranges No 15 and 16 West
	Surface rolling Soil 2d rate

Town. 34 N. bet Ranges 15 and 16 West

chains	
	From the established corner to Towns. 33 and 34 N. Ranges 15 and 16 West. I run
	North bet. Secs. 31 and 36
	Variation 14° East
40.00	Set port deposit chaned stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set port. deposit chaned stake, raise mound of earth with pits, as per instructions for corner to Secs. 25. 30. 31 and 36
	Surface gently rolling Soil 2d rate
	North bet. Secs. 25 and 30
	Variation 14° East
40.00	Set port. deposit chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner

Town. 34 North. bet Ranges 15

chains
80.00 Set port. deposit chained
B stake, raise mound
of earth with pits as
per instructions for
corner to Secs. 19. 24.
25 and 30
Surface gently rolling
Soil 2d. rate
omit

North bet. Secs. 19 and 24
Variation 14° East
38.00 Enter bottom & scattering
timber, E. and West.
40.00 Set port. deposit chained
stake, raise mound
of earth with pits, as
per instructions for
1/4 Sec. Corner
from which
An Elm 14 in dia bears S61½ W
110 lks. distant.
No other tree near
53.64 To Keya Paha River &
set port. deposit chained

Town. 34 N. bet Ranges 15 and 16 W

chains
stake, raise mound of
earth with pits, as per
instructions for Meander
Corner to fractional Secs.
19 and 24 from which
A Cottonwood 20 in dia bears S13° E 100 lks.
distant.
Surface of upland rolling
Soil 2d. rate.
Bottom level - soil
1st. rate.
Timber - Cottonwood,
Oak and Elm.
Aug 12th 1872 E

General Description -

The surface is gently
rolling. Soil 2d. rate -
It is watered on the North
by the Keya paha River,
which bears low banks,
quicksand bottom ~~and~~
shallow water and slow
current.

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 Boundaries of Townships No 29. 30. 31. 32. 33 & 34 North, of Ranges No 14. 15 and 16 West of the 6th Prin. Meridian, showing the respective capacities in which they acted;

A. B. Campbell } Chainman
W. A. Smith }
Joseph W. Gay } Mound men
L. Grenier } Axmen and Flagmen

We hereby certify that we assisted Chauncey Willet, deputy surveyor in surveying the Exterior Boundaries of Towns. 29. 30. 31. 32 and 33 & 34 N. of the base line Ranges ~~14~~. 15 and 16 West of 6th P.M. (Towns 31. 32. 33 & 34 Range 14 West) and that said lines have 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.

A. B. Campbell } Chainman
W. A. Smith }
Joseph W. Gay } axe Mound
L his x mark Grenier } and Flagman

Subscribed and sworn t
by the above named pu
before me, a Notary Pub
for the County of Antelope, a
this 29 day of August 18

H. Blanchard
Notary Pub

I, Chauncey Wiltse, Deputy Surveyor do solemnly swear that, in pursuance of a joint contract wherein, Chauncey Wiltse, George T. Kendall and Henry Court are joint contractors with E. E. Cunningham U. S. Surveyor General for the District of Iowa and Nebraska, bearing date the 25th day of June 1872, I have well, faithfully & 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 portions of the Exterior Boundaries of Towns 29. 30. 31. 32. 33 and 34 N. of Ranges ~~14~~. 15 and 16 West, and To 31. 32. 33 & 34 Range 14 West. as are 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 survey, have been established and perpetuated in strict accordance with the surveying manual and printed instructions and that the foregoing are the true and original field notes of such survey.

Chauncey Wiltse
Deputy Surveyor

Subscribed by said Chauncey Wiltse Deputy Surveyor, and sworn to, before me, a Notary Public for the County of Antelope, State of Nebraska this 29th day of August 1872

H. C. Blanchard
Notary Public

Surveyor Genl's Office
Hallsmouth Nov 1st 1872

The foregoing field Notes of the Survey of the Exterior Boundaries of Townships No. 29. 30. 31. 32. 33. & 34. Ranges 15 & 16. and Townships 31. 32. 33 & 34. Range 14 West all North of Base Line & West of 6th P.M. in Nebraska Executed by Chauncey Wiltse under joint contract wherein Chauncey Wiltse. George T. Kendall & Henry Court are joint contractors in the Month of August 1872. having been critically Examined the necessary corrections & explanations made the said field Notes and Surveys they describe are hereby approved

E. E. Cunningham
Surveyor General

General Land Office • Original Field Notes

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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.