General Land Office • Original Field Notes

Book Number

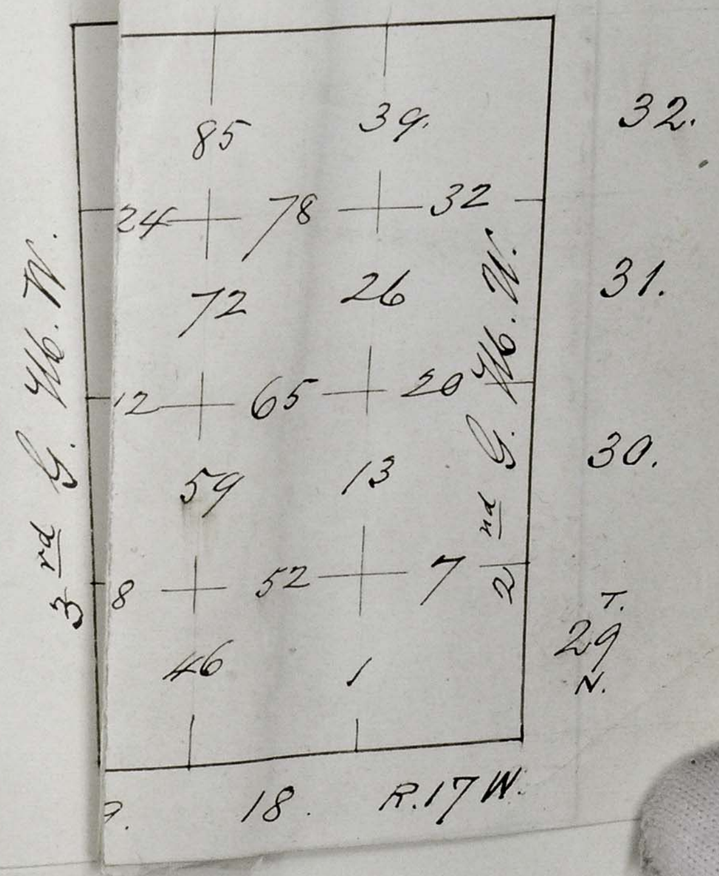
243

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.

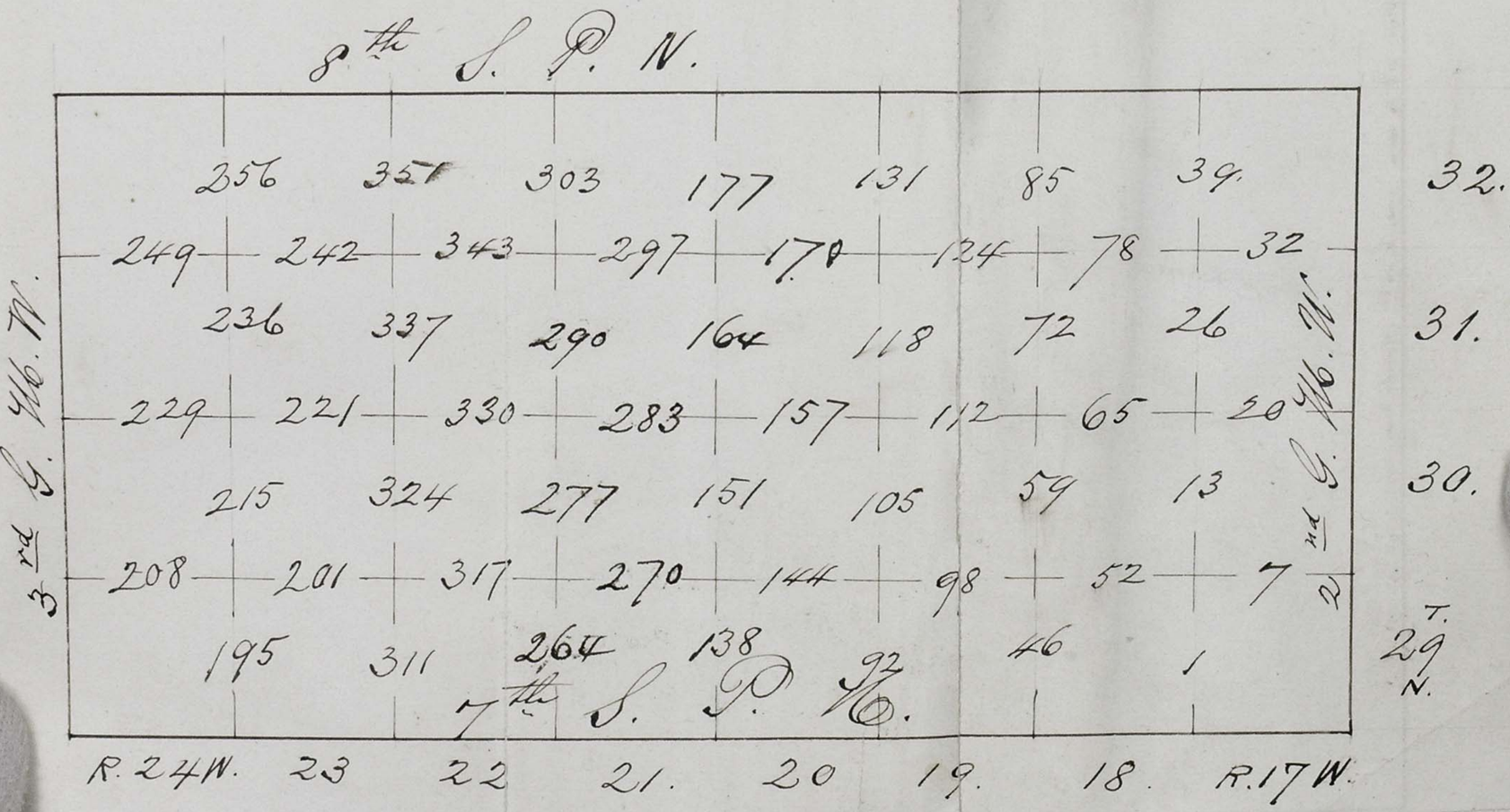
T. 29-32 N.

R. 17-24 W.



T. 29-32 N.

R. 17-24 W.



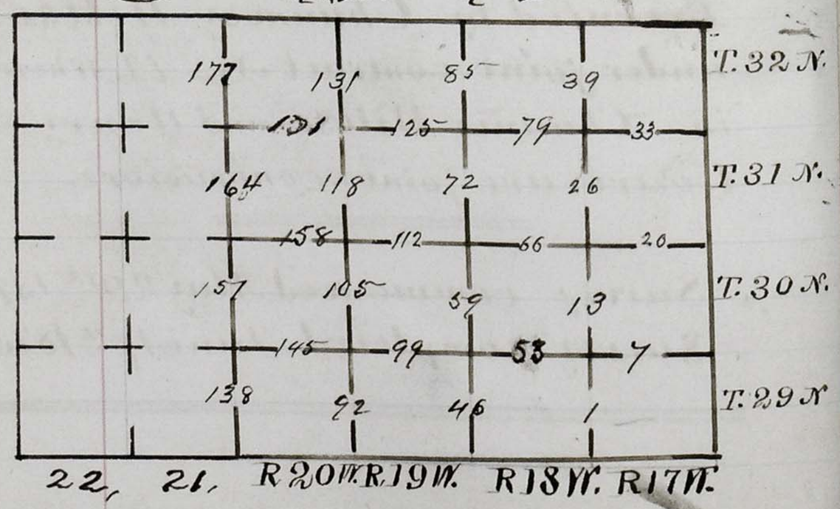
List of Names

Asst Names of Assistants.
Names of those employed to assist in Surveying the Exterior Boundary Lines of Townships 29, 30, 31 & 32 North Ranges 17, 18, 19 & 20 of the Base Line and West of the 6th Principal Meridian in Nebraska.

A. N. Clinton } Chainman
Joseph Patros } Chainman
Frank Thibault } ax, Flag &
W. O. Saunders } Mound man

Index Diagram

To 29. 30. 31 and 32 N
{ R 17, 18 19 and 20 W.
and R 21. and 22 W.



Township 29 N. Between Ranges 17 & 18 West of the 6th Prin. Mer.

Chains	
	From the established Corner to Township 29 North Between Ranges 17 & 18 West, on the 7th Standard Parallel North, I run North on a true line between Sections 31 and 36 Variation by Burts improved Solar Compass 13° 15' East
40.00	Set Cottonwood Post 2 x 3 x 4½ ft. 12 in deep, deposit Charcoal raise Mound 2½ ft. high from pits 24 x 24 x 12 in deep for 1/4 Section Corner.
80.00	Set a Cottonwood Post 4 x 4 in by 4½ ft high 12 in deep deposit charcoal, raise Mound 2½ ft. high from pits 24 x 24 x 12 in deep for corner to Sections 25, 30, 31 and 36 Surface level, Soil black sandy loam 2d rate

Township 29 N. Between Ranges 17 & 18 of the 6th Prin. Mer.

Chains	
	North Between Sections 25 and 30 Variation 13° 15' East
40.00	Set a Cottonwood post 2in x 3in 4½ ft. - 12 in deep. deposit charcoal raise Mound 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cottonwood Post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charcoal and raise Mound 2½ ft. high, from pits 24 in x 24 in, 12 in deep for Corner to Sections 19, 24, 25 & 30. Surface gently rolling. Soil 2d rate.

Township 29 N. Between Ranges 17 & ~~20~~ 18 West of 6th Prin. Mer.

Chains	
	North between Sections 19 and 24 Variation 13° 15' East
3.00	Drain descends N.E.
40.00	Set a Cotton Post 2 in x 3 in x 4½ in long, 12 in deep, deposit Char Coal raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep. for ¼ Section Corner.
80.00	Set a Cottonwood post 4 in x 4 in 12 in deep, deposit Char Coal raise Mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep for Corner to Sections 13, 18, 19 & 24 Surface Gently rolling. Soil 2d rate.

Township No. 29 N. Between Ranges 17 & 18 West of the 6 Prin. Mer

Chains	North Between Sections 13 & 18 Variation 13° 15' East
8.50	Drain descends S. E.
13.00	Same descends S. W.
35.00	Same descends S. E.
40.00	Set a Cottonwood post 2 in × 3 in × 4½ ft long 12 in deep, deposit Char coal, raise Mound of earth 2½ ft high, 24 in × 24 in × 12 in deep for 1/4 Section Corner.
48.00	Drain descends South East
80.00	Set a Cottonwood Post 4 in × 4 in × 4½ feet long, deposit Char Coal, raise Mound of earth 2½ ft high, from pits 24 in × 24 in × 12 in deep for Corner to Sections 7, 12, 13 & 18. Surface level, Soil 1st rate

Chains	North Between Sections 7 & 12 Variation 13° 15' East
8.50	Elk Horn River 20 links wide runs N. E.
19.90	Elk Horn River 20 links runs N. W.
24.00	Elk Horn River 20 links runs East
40.00	Set a Cottonwood Post 2 in × 3 in × 4½ ft long, 12 in deep, deposit Char coal, raise Mound of earth 2½ ft high from pits, 24 in × 24 in × 12 in deep for 1/4 Sec. Cor.
80.00	Set a Cottonwood Post 4 in × 4 in × 4½ ft. long, 12 in deep, deposit Char Coal, raise Mound of earth 2½ ft high, from pits 24 in × 24 in × 12 in deep for Corner to Sections 1, 6, 7 & 12. Surface level, Soil 1st rate.

Towns 29 N. & Bet. Ranges 17 & 18 West of the 6th Prin. Mer.

Chains	
	North Between Sections 1 and 6
	Variation 13° 15' East
40.00	Set a Cottonwood Post, 2 in x 3 in x 4½ ft – 12 in deep, deposit char coal, raise Mound of earth from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit 2½ ft high Char Coal, raise Mound of earth, from pits 26 in x 26 in x 12 in deep for Corner to Townships 29 & 30 North Ranges 17 & 18 and Sections 1. 6. 31 & 36.
	~~Set a Cottonwood post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit char coal, raise Mound of earth from pits 26 in x 26 in x 12 in deep~~
	Surface level,
	Soil 2d rate

Between Townships 29 & 30 N. Range 17 West of the 6th Prin. Mer.

Chains	
	From the Corner to Townships 29 and 30 N. Ranges 17 & 18 West I ran East on a Random Line between Townships 29 and 30 Variation 13° 10' East Setting temporary ½ Mile and Mile posts at every 40 and 80 chains and at 5 miles 76 chains and ~~56~~ 44 links, intersected the East Boundary of Township 140 links South of the Corner to Townships 29 and 30 on the 2d Guide Meridian West Therefore My Correction will be ~~34~~ 56 links West per ~~mile~~ and 23½ links North per mile and the Course will be S 89° 50' West.

Between Townships 29 and 30 North Range 17 West of the 6th Prin. Mer.

Chains	
	From the Corner to Townships 29 and 30 North on the 2d Guide Meridian West I run S 89° 50' West on true line Between Sections 1 and 36 Variation 13° 45' East
40.00	Set a Cottonwood post 2 x 3 x in 4½ ft long, 12 in deep, deposit Charcoal, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft. long, 12 in deep deposit charcoal, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for corner to Sections 1, 2, 35 and 36.
	Surface Rolling, Soil Sandy and 3d rate

Chains	
	S 89° 50' W. on true line Between Sections 2 & 35 Variation 13° 42'
30.00	Drain descends N. E.
40.00	Set a Cottonwood post 2 x 3 in x 4½ ft. long, 12 in deep, deposit Chaw Coal, raise Mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cottonwood post 4 in x 4 in 4½ ft long, 12 in deep, deposit Chaw Coal, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep, for Corner to Sections 2, 3, 34 & 35
	Surface level, Soil 2d rate.

Between Township 29 & 30 N. Range 17 W.

Chains	
	S89° 30' West on true line between Sections 3 and 34 Variation 13° 42' East
40.00	Set a Cottonwood post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stoke 2½ ft high raise Mound of earth from pits 24 in x 24 in x 12 in deep for 1/4 Sec. Cor.
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Char Coal 2½ ft high raise Mound of earth from pits 24 in x 24 in x 12 in deep for corner to sections 3, 4, 33 & 34
	Surface level, Sank Sandy 2d rate.

Bet. Township 29 & 30 N. Range 17 West.

Chains	
	S89° 30' West on a true line between Sections 4 and 33 Variation 13° 48' East
40.00	Set a Cottonwood post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Char Coal 2½ ft high, raise Mound of earth from pits 24 in x 24 in x 12 in deep for 1/4 Sec. Cor.
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Char Coal 2½ ft high, raise Mound of earth from pits 24 in x 24 in x 12 in deep for corner to Sections 4, 5, 32 and 33
	Surface of the East ½ Sandy Soil 3d rate
	of the West ½ level Soil 2d rate.

Between Townships 29 and 30 N

chains	
	S. 89° 50 W. on a true line Between Sections 5 & 32 Variation 13° 40' E
33.00	Elk Horn River 20 links N. East
40.00	Set a Cottonwood post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Char Coal, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Char Coal, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 5, 6, 31 & 32. Surface Level, Soil 2d rate.

Range 17 West of the 6th Prin. Mer.

chains	
	S 89° 50 W. on a true line Between Sections 6 & 31 Variation 13° 40' E
40.00	Set a Cottonwood post 2 in x 3 in x 4½ ft. long x 12 in deep deposit Char Coal, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
76.44	Corner to Townships on West Boundary of Township. Surface Level, Soil 2d rate.

May 29th 1873.

General Description.

The surface of this township is level and gently rolling. It contains a small amount of 1st rate soil, but it will generally average 2d to 3d rate.

An abundance of water can be obtained by digging a short distance. A branch of the Elk Horn runs through the North tier of sections

Township 30 N. Bet. Ranges 17 and
West of the 6th Principal Merid

Chains	
	From the corner to Township 29 and 30 North Ranges 17 and 18 West 3 mm
3	North between Sections 31 & 36
40.	Variation 14° East
40.00	Set a cottonwood post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit char coal, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Sec Corner.
80.	
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit char coal, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 25, 30, 31 and 36.
	Surface level, Soil 2d rate.

Township 30 N. Bet. Ranges 17 and 18 West

Chains	
	North between Sections 25 and 30. Variation 14° East
40.00	Set a Cottonwood post 2 in x 3 in x 4½ ft. deep, 12 in deep, deposit char coal, raise 2½ ft high Mound of earth, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit char coal, raise 2½ ft high Mound of earth, from pits 24 in x 24 in x 12 in deep for corner to Sections 19, 24, 25 and 30.
	Surface level, Soil 2d rate

Township 30 N. Between Ranges 17 and 18 West of the 6th Prin. Mer.

Chains	
	North between Sections 19 and 24
	Variation 14° East
40.00	Set a Cottonwood post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Char coal raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Char coal raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 13. 18. 19 & 24
	Surface of South ½ level.
	Soil 2d rate
	Surface of North ½ gently rolling.
	Soil 2d rate

Chains	
	North between Sections 13 and 18
	Variation 14 East
10.00	Set a Cottonwood post 2 in x 3 in x 4½ ft long, 12 in deep, deposit of earth 2½ ft high Charred Stake, raise Mound from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Char Coal raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for corner to Sections 7. 12. 13 and 18.
	Surface level,
	Soil 2d rate.

Township 30 N. Bet. Ranges 17 & 18 West

Chains	
	North Between Sections 7 and 12
	Variation 14° East
40.00	Set a Cottonwood post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Char Coal 2½ ft high, raise Mound of earth, from pits 24 in x 24 in x 12 in deep for ¼ Sec. Cor.
80.00	Set a Cottonwood post, 4 in x 4 in x 4½ feet long, 12 in deep, deposit Char Coal 2½ ft high, raise a Mound of earth, from pits 24 in x 24 in x 12 in deep for Corner to Sections 1. 6. 7 & 12. Surface gently rolling, Soil 2d rate.

Township 30 N. Bet. Ranges 17 & 18 West

Chains	
	North Between Sections 1 & 6
	Variation 14° East
40.00	Set a Cottonwood post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit 2½ ft high Char Coal, raise Mound of earth, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set Corner post, 4 x 4 x 4½ ft long, 12 in deep, deposit Charred Stoke 2½ ft high, raise Mound of earth, from pits 26 in x 26 in x 12 in deep for corner to T 30 & 31 North Ranges 17 & 18 West and Corner to Sections 1. 6. 31 & 36 Surface gently rolling, Soil 2d rate.

Between Townships 30 and 31 North Range 17 West of the 6th Prin Mer.

Chains

From the Corner to Township 30 and 31 North Ranges 17 & 18 West I run East on a random line between said Townships

Variation 14° East

Setting Boundary 1/2 Mile and Mile posts at every 40 and 80 chains and at 5 miles 78 chains and 30 links I intersected the East Boundary of the Township 2.37 links North of Corner to Townships 30 and 31 on the 2d Guide Meridian West.

My Correction will therefore be 100 links West and 39½ links South per mile and the Course will be N. 89° 43' W.

Chains

From the Corner to Township 30 and 31 North Ranges 16 & 17 West on the 2d Guide Meridian West. I run

N 89° 43' W. on true line between Sections 1 & 36

Variation 14° East

40.00 Set Cottonwood post 2 in x 3 in x 4½ ft. long, 12 in deep, Deposit Char Coal, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner

80.00 Set a Cottonwood post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Char Coal, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for corner to Sections 1. 2. 35 & 36.

Surface level.

Soil 1st rate.

Between Townships 30 & 31 N. Range 17 West.

Chains	
	N 89° 43' W. on true line between Sections 2 and 35 Variation 14° East
40.00	Set a Cottonwood post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Char Coal, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Sec. Cor.
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Char Coal, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 2, 3, 34 and 35. Surface rolling, Soil Sandy 3rd rate

Bet. Townships 30 & 31 N. Range 17 West.

Chains	
	N 89° 43' West on a true line Between Sections 33 & 34 Variation 14° East
40.00	Set a Cottonwood post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Char Coal, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 3, 4 33 and 34. Surface rolling, Soil Sandy 3rd rate.

Between Townships 30 & 31 North

N 89 43' W. on a true line
between Sections 4 & 33
Variation 14° East

40.00 Set a Cottonwood post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Char Coal, raise Mound of earth, 2½ ft high from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner

80.00 Set a Cottonwood post 4 in x 4 in 4½ ft long, 12 in deep, deposit Char Coal, raise Mound of earth, 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sec. 4, 5, 32 & 33.

Surface rolling,

Soil Sandy ~~Xxx~~ 3d rate

Range 17 West of the 6th Prin Mer

Trans

N 89° 43' W. on a true line
Between Sections 5 & 32
Variation 14° East

40.00 Set a Cottonwood post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Char Coal, raise Mound of earth, 2½ ft high from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner

80.00 Set a Cottonwood post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth, 2½ ft high from pits 24 in x 24 in x 12 in for Corner to Sections 5, 6, 31 and 32

Surface rolling,

Soil Sandy 3d rate

Bet. Townships 30 & 31 N. Range 17 West.

Chains	
	N 89° 43' W. on a true line between Sections 6 & 31 Variation 14° East
40.00	Set a Cottonwood post 2 in × 3 in × 4½ ft. long, 12 in deep, deposit Char Coal 2½ ft high, raise Mound of earth from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
78.50	To the Corn to Township 30 & 31 N Ranges 17 & 18 on West Boundary of Township
	Surface level.
	Soil 2d rate.
	May 30th 1873.

General Description.

The surface of this Township is generally gently rolling though it is somewhat broken by sand ridges. The soil is sandy and varies in quality from 2d to 3d rate.

It contains a fair growth of grass and water at a short distance below the surface.

Township 31 N. Bet. Ranges 17 & 18 West.

Chains	
	From the established Corners to Townships 30 & 31 North Range 17 & 18 W. Trum North between Sections 31 and 36 Variation 14° East
40.00	Set a Cottonwood post 2 in × 3 in × 4½ ft. long, 12 in deep, deposit Char Coal 2½ ft high, raise Mound of earth from pits 24 in × 24 in × 12 in deep, for ¼ Section Corner
80.00	Set a Cottonwood post 4 in × 4 in × 4½ ft long, 12 in deep, deposit Char Coal 2½ ft high, raise Mound of earth from pits 24 in × 24 in × 12 in deep for Corner to Sections 25. 30. 31 & 36
	Surface rolling.
	Soil Sandy, 3d rate.

Township 31 N. Bet. Ranges 17 & 18 West of the 6th Prin Mer

chains	
	North between Sections 25 and 30
	Variation 14° East
40.00	Set a Cottonwood post, 2 in × 3 in × 4½ ft. long, 12 in deep, deposit Char Coal, raise Mound 2½ ft high of earth, from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set a Cottonwood post 4 in × 4 in × 4½ ft. long, 12 in deep deposit Char Coal, raise Mound 2½ ft high of earth, from pits 24 in × 24 in × 12 in deep for corners to Sections 19. 24. 25 & 30
	Surface rolling,
	Soil Sandy 3d rate.

chains	
	North Between Sections 19 and 24
	Variation 14° East
40.00	Set a Cottonwood post, 2 in × 3 in × 4½ ft. long, 12 in deep, deposit Char Coal raise Mound 2½ ft high of earth, from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set a Cottonwood post 4 in × 4 in × 4½ in long, 12 in deep. deposit Char Coal raise Mound 2½ ft high of earth, from pits 24 in × 24 in × 12 in deep. for corns to sections 13, 18, 19 & 24
	Surface rolling,
	Soil 3d rate.

Township 31 N. Bet. Ranges 17 & 18 West

Chains	
	North Between Sections 13 & 18
	Variation 14° East
4 40.00	Set a Cottonwood post, 2 in × 3 in × 4½ ft. long, 12 in deep deposit Charred Stake raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for 1/4 Section Corner
8 80.00	Set a Cottonwood post 4 in × 4 in × 4½ ft long, 12 in deep, deposit Charred Stake raise mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for Corner to sections 7, 12, 13 and 18
	Surface rolling
	Soil Sandy 3d rate

Township 31 N. Bet. Ranges 17 & 18 West

Chains	
	North Between Section 7 and 12
	Variation 14° East
40.00	Set a Cottonwood post 2 in × 3 in × 4½ ft. long, 12 in deep, deposit Charred Stake raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for 1/4 Section Corner
80.00	Set a Cottonwood post, 4 in × 4 in × 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for corner to Sections 1, 6, 7 & 12.
	Surface Gently rolling.
	Soil 2d rate

Township 31 N. Bet. Ranges 17 & 18 W.

Chains	
	North Between Sections 1 and 6
	Variation 14° East
40.00	Set a Cottonwood post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cottonwood post 4 in x 5 in x 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 26 in x 26 in x 12 in deep for corner to Township 31 and 32 North Ranges 17 & 18 West and corner to Sections 1, 6, 31 & 36
	Surface gently rolling
	Soil 1st rate

Bet. Townships 31 and 32 N. Ranges 17 West.

Chains	
	From the corner to Townships 31 and 32 North Ranges 17 & 18 West. I run East on a Random line between said Townships 31 & 32 N. Variation 14° East
	Setting temporary ½ Mile and Mile posts at every 40 and 80 chains and at 5 miles, 78 chains and 67 links, intersected the East Boundary of Township 59 links North of corner to Townships 31 and 32 N on 2d Guide Meridian.
	My Correction will therefore be 133 links West and 10 links South per mile and the course will be N 89 56' W.

1st Set. Townships 31 and 32 N. Range 17 West

Chains	
	From the corner to Townships 31 and 32 N. Ranges 16 and 17 W. on the 2d Guide Meridian W. I run N 89° 36' W on true line between Sections 1 and 36
	Variation 14° East
40.00	Set a Cottonwood post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cottonwood post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high, from pits 24 in x 24 in x 12 in deep, for corner to Sections 1. 2. 35 and 36
	Surface gently rolling.
	Soil 1st rate

1st Set. Townships 31 & 32 N. Range 17 West

Chains	
	N 89° 56' W. on true line between Sections 2 and 35.
	Variation 14° East
40.00	Set a Cottonwood post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high, from pits 24 in x 24 in x 12 in for ¼ Section Corner
79.70	Stream 25 links wide, runs North
80.00	Set a Cottonwood post 4 in x 4 in 4½ long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high, from pits 24 in x 24 in x 12 in deep, corner to Sections 2.3.34. & 35
	Surface rolling.
	Soil 2d rate

9 Det. Township 31 & 32 North

Chains	
	N 89° 56' W. on a true line between Sections 3 & 34 Variation 14° East
40.00	Set a Cottonwood post, 2 in x 3 in x 4½ ft. long 12 in deep, deposit charred Stake, raise Mound 2½ ft high of earth, from pits 24 x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft long 12 deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for corner to Sec. 3, 4, 33 and 34
	Surface Gently rolling. Soil 1st rate.

Range 17 West of the 6th P. M.

Chains	
	N 89 56 W. on a true line between Sections 4 and 33 Variation 14° East
19.77	Ravine descends North
40.00	Set a Cottonwood post 2 in x 3 in x 4½ ft long, 12 in deep, raise Mound of earth, 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Sec. Corner
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft long; 12 in deep, deposit charred stake, raise a Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in long for Corner to Sections 4, 5, 32 & 33
	Surface gently rolling. Soil 1st rate.

Bet. Township 31 and 32 North, Range 17 West of the 6th Prin. Mer.

Chains	
	N 89° 56' W. on a true line between Sections 5 and 32 Variation 14° E.
40.00	Set a Cottonwood post 2 in x 3 in x 4½ ft. long x 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in for ¼ Section Corner
65.60	Stream 2 links wide runs
80.00	Set a Cottonwood post 4 in x 4 in x 4½ ft. long, 12 in deep deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 5, 6, 31 & 32.
	Surface Gently rolling, Soil 1st rate.

Chains	
	N 89° 56' W. on a true line between Sections 6 and 31 Variation 14° East
40.00	Set a Cottonwood post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
62.33	Drain descends North East.
78.67	Corner to Townships 31 & 32 Ranges 17 and 18 on West boundary of township.
	Surface level, Soil 1st rate.
	May 31st 1873.

General Description.

The Surface of the southern portion of this township is rolling & sandy. The soil varying from 2d to 3d rate. The Northern portion is gently rolling soil 1st & 2d rate. A beautiful stream of water runs through the township northerly

Township 32 N. Bet Ranges 17 & 18 W.

Chains	
	From the Corner to Townships 31 and 32 North Ranges 17 & 18 W. Run North between Sections 31 & 36
	Variation 14° East
40.00	Set an ash post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for 1/4 Sec Corner
80.00	Set an ash post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Section 25, 30, 31 & 36
	Surface Gently rolling
	Soil 1st rate

Township 32 N. Bet Ranges 17 & 18 W.

Chains	
	North between Sections 25 and 30
	Variation 14° East
40.00	Set an ash post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner
70.00	Enter head of ravine extends North on line
80.00	Set an ash post 4 in x 4 in 4½ ft long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for Corner to Sections 19, 24, 25 and 30
	Surface rolling.
	Soil 1st rate.

Township 32 N. Range 17 and 18 West of the 6th Prin. Mer.

Chains	
	North between Sections 19 & 24 Variation 14° East
5.00	Leave ravine descends N. W.
37.50	Stream 2 links wide runs N.E.
39.00	Same Stream 2 links wide runs N.W.
39.90	Same Stream 2 links wide runs N.E.
40.00	Set an ash stake, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake raise Mound of earth, 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
42.50	Stream 2 links wide runs N.W.
61.00	Ravine descends N.W.
73.00	Ravine descends N.W
80.00	Set an ash post 4 in x 4 in x 4½ ft long, 12 in deep deposit charred stake raise Mound of earth, 2½ ft high from pits 24 in x 24 in 12 in deep for corner to sections 13, 18, 19 and 24 Surface rolling soil 1st rate.

Chains	
	North between Sections 13 and 18 Variation 14° East
40.00	Set an ash post 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
77.40	Stream 6 links wide runs N.W.
80.00	Set an ash post 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high from pits 24 in x 24 in x 12 in deep for corner to sections 7, 12, 13 & 18. from which A 18 in Oak Cinder bears S6 W22 links dist. Surface rolling Soil 1st rate

Township 32 N. Bet. Ranges 17 & 18.

Chains	North between Sections 7 & 12 Variation 14° East
38.00	Stream 6 links wide runs N.E.
40.00	Set a Lime stone 14 in x 9 in x 8 in for 1/4 Section Corner
80.00	Set an ash post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth, 2½ ft. high, from pits 24 in x 24 in 12 in deep for Corner to Sections 1. 6. 7 & 12 Surface rolling, Soil 2d rate.

Township 32 N. Bet Ranges 17 and 18 West

Chains	North between Sections 1 & 6 Variation 14° East
20.00	Enter Creek bottom bears N.E. & S.W.
22.00	Enter Marsh bears N.E. & S.W.
27.00	Stream 4 links wide runs N.E.
34.00	Leave Marsh bears N.E. & S.W.
36.00	Leave bottom bears N.E. & S.W.
40.00	Set an ash post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth, 2½ ft high from pits 24 in 24 in x 12 in deep for 1/4 Section Corner
42.00	Enter river bottom N.E. & S.W.
51.00	Enter pond N.E. and S.W.
66.00	Leave pond N.E. and S.W.
69.00	Enter Cottonwood timber N.E. & S.W.
71.50	Slough 60 links wide bears N.W. & S.E.
74.00	Slough 40 lks wide " N.W. & S.E.
80.46	Intersect 8 1/10 Standard Parallel North 230 links East of the 1/4 Section Corner on the South side of section 31 T. 33 N. Range 17 West. and set an ash post 2 in x 3 in deposit charred stake for Closing Corner to sections 1 and 6 T. 32 N. R. 17 W.

Township 32 N. Bet. Ranges 17 & 18 West

Chains

From which
A Cottonwood 14 in dia bears S 1/2 W 90 lks
A Cottonwood 10 in dia bears S 60 E 88 lks dis
Surface of upland Rolling.
Surface of bottom level
Soil 2d rate
Timber Cottonwood & Burr Oak
June 1st 1873

General Description.
The surface of this township is broken by streams which run northerly into the Niobrara River.
The soil is generally 2d rate, sufficiently good to repay for cultivation
It contains considerable Burr Oak and Cottonwood timber. The water is from loamy springs and is of excellent quality.

Township 29 N. Bet. Ranges 18 & 19 West of 6 P.M.

Chains

From the established corner to Township 29 on 7th Standard Parallel N. between ranges 18 and 19 West. I run
North between sections 31 & 36
Variation 14° East
20.00 Leave Sand Hills for valley E & W
40.00 Set an Oak post 2 in x 3 in x 4 1/2 ft long, 12 in deep, deposit charred stake 2 1/2 ft high raise Mound of earth from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner
80.00 Set an Oak post, 4 in x 4 in x 4 1/2 ft long, 12 in deep, deposit charred stake 2 1/2 ft high raise Mound of earth, from pits 24 in x 24 in x 12 in deep for corner to Sec. 25, 30, 31 & 36.
Surface of upland rolling sandy 3d
Surface of Valley level
Soil 2d rate

Township 29. N. Bet. Ranges 18 & 19 West

Chains	
	North between Sections 25 & 30
	Variation 14° East
5.00	Leave level land for rolling upland bears N W and S E
40.00	Set an Oak post 2 in × 3 in × 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
41.00	Leave upland for level valley bears East and West
80.00	Set an Oak post, 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high, from pits 24 in × 24 in × 12 in deep for Corner to Sections 19. 24. 25 & 30
	Surface of upland rolling.
	Soil sandy 3d rate
	Surface of valley level
	Soil black sandy loam 2d. rate

Township 29 N. Ranges 18 and 19 West

Chains	
	North Between Sections 19 & 24
	Variation 14° East
110.00	Set an Oak post, 2 in × 3 in × 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
55.00	Leave valley for rolling upland bears East and West
80.00	Set an Oak post, 4 in × 4 in × 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high, from pits 24 in × 24 in × 12 in deep, for corner to Sections 13. 18. 19 & 24
	Surface of upland rolling
	Soil sandy 3d rate
	Surface of valley level
	Soil black loam & sand 2d.

Township 29 N. of Bet. Ranges 18 & 19

Chains	
	North between Sections 13 and 18
	Variation 13° 50' East
40.00	Set an Oak post 2 in × 3 in × 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner.
65.00	Leave rolling upland for level valley bears E. & W.
80.00	Set an Oak post 4 in × 4 in 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for corner to Sections 7, 12, 13 & 18
	Surface of upland rolling
	Soil sandy 3d rate
	Surface of valley level
	Soil black loam and sand 2d rate

Township 29 N. of Bet. Ranges 18 and 19 West

Chains	
	North between Sections 7 & 12
	Variation 13° 50' East
9.00	Leave valley for rolling upland E. & W.
40.00	Set an Oak post 2 in × 3 in × 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
78.00	Leave upland for valley bears E. & W.
80.00	Set an Oak post, 4 in × 4 in 4½ ft. long, 12 in deep, deposit Charred Stake raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for corner to Sections 1, 6, 7 & 12
	Upland rolling
	Soil sandy 3d
	Surface of valley level
	Soil black loam & sand 2d rate

Township 29. N. Bet. Ranges 18 & 19

Chains	
	North between Sections 1 and 6
	Variation 13° 50' E.
40.00	Set an Oak post, 2 in × 3 in × 4 ft long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high, from pits 24 in × 24 × 12 in deep for ¼ Section, Corner.
59.00	Enter Pond bears E. & W.
65.00	Leave same bears E. & W.
80.00	Set an Oak post 4 in × 4 in 4½ ft. long, 12 in deep. deposit charred stake, raise Mound of earth, 2½ ft high from pits 26 in × 26 in × 12 in deep, for corner to Township 29 and 30 North, Ranges 18 & 19 West and corner to Sections 1. 6. 31 & 36.
	Surface of upland rolling soil sandy 3d rate
	Surface of valley level soil black loam & sand 2d rate

Bet. Townships 29 & 30 N. Range 18 W.

Chains	
	From the Corner to Township ~~to Townships~~ 29 & 30 N. Range 18 West, I run East on a Random line between said Townships.
	Variation 14° East
	I set temporary ½ mile and Mile posts at every 40 and 80 chains and at 6 miles 3 chains and 38 links I intersect the East Boundary of township 75 links North of corner to Townships 29 and 30 North, Ranges 17 & 18 West. My Correction will therefore be 338 links East and 12½ links South per mile and the course will be. N 89° 55' W.

Bet. Townships 29 & 30 North, 1 Range

Chains	
	From the Corner to Townships 29 and 30 North Range 18 West I run N 89° 38' W. on a true line between Sections 1 & 36
	Variation 13° 45' E
40.00	Set an Oak post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set an Oak post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 1, 2, 35 & 36
	Surface level,
	Soil 2d. rate.

Bet. Townships 29 & 30 N. 1 Range 18 West.

Chains	
	N 89 53 W. on true line between Sections 2 and 35
	Variation 13° 45' East
40.00	Set an Oak post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake, raised Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set an Oak post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for corner to sections 2, 3, 34 & 35.
	Surface gently rolling,
	Soil 2d. rate.

Ref. Townships 29 & 30 N. Range 18 West

Chains	
	N. 89° 55' W. on a true line between Sections 3 & 34 Variation 13° 45' East
40.00	Set an Oak post, 2 in × 3 in × 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner.
80.00	Set an Oak post, 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for corner to sections 3, 4, 33 & 34
	Surface gently rolling. Soil 2d rate.

Ref. Townships 29 & 30 N. Range 18 West

Chains	
	N 89° 55' W. on true line between Sections 4 and 33. Variation 13° 47 East
40.00	Set an Oak post, 2 in × 3 in × 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner.
0.00	Leave levee for sandy upland bears N W and S E.
80.00	Set an Oak post, 4 in × 4 in × 4½ ft. long. 12 in deep, deposit charred stake, raise a Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for Corner to Sections 4, 5, 32 & 33
	Surface of upland rolling Soil sandy 3d rate balance gently rolling soil 2d rate

Bet. Townships 29 & 30 N. Range 18 West.

chains	
	N 89° 55' W. on a true line between Sections 5 & 32 Variation 13° 50' East
40.00	Set an oak post, 2 in × 3 in × 4½ ft. long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set an oak stake 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for corner to Sections 5. 6. 31 and 32
	Surface Gently rolling, Soil 3d rate

Bet. Townships 29 & 30 N Range 18 West

chains	
	N 89° 55' W. on a true line between Sections 6 and 31 Variation 13° 50' East
4.00	Leave upland for level land bears N.W. and S.E.
40.00	Set an Oak post 2 in × 3 in × 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
78.38	To the Corner to Townships 29 and 30 North Ranges 18 & 19 West
	upland rolling soil 3d rate balance level soil 2d rate

June 3d 1873

General Description.

The surface of this township is broken by rolling sand ridges, 3d rate soil. Between the ridges are level valleys the soil of which is generally 2d rate, being black loam and sand.

Township 30 N. Bet. Ranges 18 & 19 W.

From Corner to Townships 29 & 30 N. Ranges 18 & 19 W. I run

Chains	
	North Between Sections 31 & 36
	Variation 14° East
40.00	Set an Oak post, 2 in × 3 in × 4½ ft long, 12 in deep, deposit charred Stake raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set an Oak post, 4 in × 4 in × 4½ ft long, 12 deep deposit charred Stake raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for Corner to Sections 25, 30, 31 & 36
	Surface level,
	Soil 2d rate,

Township 30 N. Bet. Ranges 18 & 19 W.

Chains	
	North between Sections 25 & 30
	Variation 14° 5' East
15.00	Leave level for rolling up land bears N E & S W
40.00	Set an Oak post, 2 in × 3 in × 4½ ft long, 12 in deep, deposit charred Stake raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set an Oak post, 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred Stake raise Mound of earth, 2½ ft high from pits 24 in × 24 in × 12 in deep for Corner to Sections 19, 24, 25 & 30
	Surface rolling,
	Soil Sandy 3d rate

Township 30 N. of Bet. Ranges 18 & 19 W.

Chains	
	North between Sections 19 and 24
	Variation 14° 5' East
40.00	Set an Oak post, 2 in × 3 in × 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth from pits 24 in × 24 in × 12 in long for ¼ Section Corner.
42.00	Leave rolling for level land bears S.W. and N.E.
80.00	Set an Oak post, 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred stake, raise a Mound of earth from pits 24 in × 24 × 12 in long for corner to Sections 13, 18, 19 & 24. Surface of upland rolling Soil Sandy 3d rate. The balance level, Soil 1st rate.

Township 30 N. of Bet. Ranges 18 & 19 West

Chains	
	North of Between Sections 13 & 18
	Variation 14° 5' East
0.00	Set an Oak post, 2 in × 3 in × 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
0.00	Set an Oak post, 4 in × 4 in × 4½ ft long, 12 in deep, deposit Charred stake, raise Mound of earth from pits 24 in × 24 in × 12 in deep for corner to Sections 7, 12, 13 & 18 Surface level, Soil 1st rate.

Township 30 N. Bet. Ranges 18 & 19

Chains	
	North Between Section 7 and 12
	Variation 14° 5' East
40.00	Set an Oak post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred 2½ ft long, Stake raise Mound of earth, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set an oak post 4 in x 4 in x ft. long, 12 in deep, deposit charred 2½ ft long, Stake, raise Mound of earth from pits 24 in x 24 in x 12 in deep for Corner to sections 1. 6. 7 & 12.
	Surface level, Soil 1st rate.

Township 30 North Bet. Ranges 18 & 19 West.

Chains	
	North between Sections 1 and 6
	Variation 14° 5' East
40.00	Set an Oak post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred 2½ ft long, Stake raise Mound of earth, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set an Oak post 4 in x 4 in 4½ ft long, 12 in deep, deposit charred 2½ ft long, Stake, raise Mound of earth, from pits 26 in x 26 in x 12 in deep for corner to Township 30 & 31 North, Ranges 18 and 19 W. and sections 1. 6. 31 & 36
	Surface level soil 1st rate

Bet. Townships 30 & 31, Range 18 West

Chains

From the Corner to Township 30 & 31 North, Ranges 18 and 19 West I run East on a Random line between Townships 30 and 31.

Variation 14° East

I set temporary 1/2 Mile and Mile posts at every 40 and 80 Chains and at 5 Miles 79 Chains and 93 links intersected the East boundary of the Township 120 links North of the Corner to Township 30 & 31 North Ranges 17 & 18 West.

The correction will therefore be 7 links west and 20 links South per Mile and the course will be N 89° 51' W.

Bet. Townships 30 & 31 N. Range 18 West

Chains

From the Corner to Township 30 & 31 North, Ranges 17 & 18 West I run N 89° 51' W. on a true line between Sections 1 & 36

Variation 14° East

40.00 Set an Oak post, 2 in x 3 in x 4 1/2 ft. long, 12 in. deep, deposit charred Stake, raise Mound of earth 2 1/2 ft high from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner

80.00 Set an Oak post 4 in x 4 in x 4 1/2 ft. 12 in deep, deposit charred Stake, raise Mound of earth 2 1/2 ft high from pits 24 in x 24 in x 12 in deep for corner to Sections 1, 2, 35 & 36

Surface gently rolling

Soil Sandy 3d

chains

N 89° 51' W. on a true line
Between Sections 2
and 35
Variation 14° East

40.00 Set an Oak post 2 in x 3 in x 4½
ft. 12 in deep, deposit charred
stake raise Mound of earth
from pits 24 in x 24 in x 12 in
deep for 1/4 Sec Corner

80.00 Set an Oak post, 4 in x 4 in
x 4½ ft. long, 12 in deep, deposit
charred stake, raise Mound
of earth 2½ ft. high from pits 24 in x
24 in x 12 in deep, for corner
to Sections 2. 3. 34 & 35
Surface gently rolling
Soil sandy 3d rate

chains

N 89° 51' W. on a true line
between Sections 3 & 34
Variation 14° East

40.00 Set an Oak post, 2 in x 3 in x
4½ ft. 12 in deep, deposit
charred stake, raise Mound
of earth 2½ ft. high from pits 24 in x 24 in
x 12 in deep for 1/4 Sec. Cor.

80.00 Set an Oak post, 4 in x 4 in x
4½ ft. long, 12 in deep, deposit
charred stake, raise Mound
of earth 2½ ft. high from pits 24 in x
24 in x 12 in deep for
Corner to Sections 3. 4. 33
and 34
Surface Gently rolling
Soil sandy 3d rate

Bet. Townships 30 & 31 N. Range 18

Chains	
	N 89° 51' W. on a true line between Sections 4 & 33 variation 14° East
40.00	Set an Oak post 2 in x 3 in x 4½ ft. 12 in deep deposit charred stake, raise Mound 2½ ft high of earth, from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner
80.00	Set an Oak post, 4 in x 4 in 4½ ft long, 12 in deep, deposit charred stake, raise Mound 2½ ft high of earth, from pits 24 in x 24 in x 12 in deep for corner to sections 4, 5, 32 & 33. Surface Gently rolling Soil 2d rate

Bet. Townships 30 & 31 N. Range 18 West

Chains	
	N 89° 51' W. on a true line between Sections 5 and 32 Variation 14° East
40.00	Set an Oak post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake raise Mound 2½ ft high of earth, from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner.
80.00	Set an Oak post, deposit charred stake, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred stake raise Mound 2½ ft. high of ~~xxxx~~ earth, from pits 24 in x 24 in x 12 in deep for corner to sections 5, 6, 31 and 32 Surface Gently rolling Soil 2d rate

Bet. Townships 30 & 31 N. Range 18 W.

Chains	
	N. 89° 51 W. on a true line between Sections 6 and 31
	Variation 14° East
40.00	Set an Oak post, 2 in × 3 in × 4½ ft. long, 12 in deep, deposit charred stake 2½ ft high, raise Mound of earth, from pits, 24 in × 24 in × 12 in deep for ¼ Sec Corner
79.93	To the corner to Townships 30 & 31 N. Ranges 18 & 19 West
	Surface Gently rolling
	Soil 2d rate
	June 4 1873

General Description.

The surface of this township is Gently rolling. It contains some rolling sandy upland the soil of which is 3d rate.

There is a strip of level land in the west of the township the soil of which is 1st rate.

Township 31 N. Bet. Ranges 18 and 19 West

Chains	
	From the corner to Townships 30 and 31 North, Ranges 18 & 19 West. I run North between sections 31 & 36
	Variation 14° East
40.00	Set an Oak post, 2 in × 3 in × 4½ ft long, 12 in deep deposit charred stake 2½ ft high, raise Mound of earth, from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set an Oak post, 4 in × 4 in × 4½ ft long, deposit charred stake 2½ ft high, raise Mound of earth, from pits 24 in × 24 in × 12 in deep for corner to sections 25. 30. 31 & 36
	Surface level,
	Soil 1st rate.

Township 31 N. Bet. Ranges 18 & 19 West

Chains	
	North Between Sections 20 & 29
	Variation 14° East
40.00	Set an Oak post, 2 in × 3 in × 4½ ft. long × 12 in deep, deposit charred stake 2½ ft high, raised Mound of earth, from pits 24 in × 24 in × 12 in deep for ¼ Section Corner.
80.00	Set an Oak post, 4 in × 4 in × 4½ ft. long × 12 in deep, deposit charred stake 2½ ft high, raise Mound of earth, from pits 24 in × 24 in × 12 in deep for corner to Sections 19. 24. 25 & 30
	Surface Gently rolling
	Soil 2d rate

Township 31 N. Bet. Ranges 18 & 19 West

Chains	
	North between Sections 19 & 24
	Variation 14° East
0.00	Set an Oak post, 2 in × 3 in × 4½ ft. long, 12 in deep, deposit charred stake 2½ ft high, raise a Mound of earth, from pits 24 in 24 in × 12 in deep for ¼ Section Corner.
50.00	Set an Oak post, 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred stake 2½ ft high, raise Mound of earth, from pits 24 in × 24 in × 2 in deep for corner to Sections 13, 18, 19 & 24
	Surface Gently rolling.
	Soil 2d rate.

Township 31 N. Range 18 & 19 We

Chains	
	North between Sections 13 & 18
	Variation 14° East
40.00	Set an Oak post, 2 in. x 3 in. x 4½ ft. long, 12 in. deep, deposit charred stake 2½ ft. high, raise Mound of earth, from pits 24 in. x 24 in. x 12 in. deep for ¼ Sec. Cor.
80.00	Set an Oak post, 4 in. x 4 in. x 4½ ft. long, 12 in. deep, deposit charred stake 2½ ft. high, raise Mound of earth, from pits 24 in. x 24 in. x 12 in. deep for Corner to Sections 7, 12, 13 and 18.
	Surface gently rolling
	Soil 2d rate

Township 31 N. Range 18 and 19 W.

Chains	
	North Between Sections 7 & 12
	Variation 14° East
40.00	Set an Oak post, 2 in. x 3 in. x 4½ ft. long, 12 in. deep, deposit charred stake 2½ ft. deep, raise Mound of earth, from pits 24 in. x 24 in. x 12 in. deep for ¼ Sec. Cor.
80.00	Set an Oak post, 4 in. x 4 in. x 4½ ft. long, 12 in. deep, deposit charred stake 2½ ft. deep, raise Mound of earth, from pits 24 in. x 24 in. x 12 in. deep, for Corner to Sections 1, 6, 7 & 12.
	Surface rolling
	Soil 2d rate.

Township 31 N. Bet. Ranges 18 & 19 West

Chains	
	North between Sections 1 & 6
	Variation 14° East
40.00	Set an Oak post 2 in x 3 in x 4½ ft long, 12 in deep, deposit hand stake raise Mound of earth 2½ ft from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner
80.00	Set an Oak post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit hand stake, raise a Mound of earth 2½ ft high from pits 26 in x 26 in x 12 in deep for corner to Townships 31 & 32 North Ranges 18 & 19 West and sections 1. 6. 31 & 36
	Surface rolling, Soil 3d rate.

Bet. Townships 31 and 32, Range 18 West.

Chains	
0	From the Corner to Townships 31 & 32 North, Ranges 18 and 19 West I run East on a Random Line between Townships 31 & 32 N.
	Variation 14 East
	Setting temporary 1/2 mile and Mile posts at every 40 and 80 chains and at 5 miles and 77 chains intersected the East Boundary of Township 100 links North of the post corner to Townships 31 & 32 North Ranges 17 & 18 West.
	My correction will therefore be three chains West and 16 2/3 links South per mile and the course N 89° 53 W.

1 Bet. Townships 31 & 32 N. Range 18 West

Chains	
	From the Corner to Townships 31 & 32 N. Ranges 17 & 18 W. I run
	N 89° 53' W. on a true line
	1 Between Sections 1 & 36
	Variation 14° East
40.00	Set an Oak post 2 in × 3 in × 4½ ft. 12 in deep, deposit charred Stake, raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set an Oak post 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for corner to Sections 1. 2. 35 & 36
	Surface Gently rolling
	Soil 2d rate

1 Bet. Townships 31 & 32 N. Range 18 West

Chains	
	N 89° 53' W. on a true line
	1 Between Sections 2 and 35
	Variation 14° East
40.00	Set an Oak post 2 in × 3 in × 4½ ft. long, 12 in deep, deposit charred Stake, raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
66.50	Drain Descends N.W.
71.85	Drain Descends N.E.
80.00	Set an Oak post 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred Stake, raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for corner to Sections 2. 3. 34 & 35
	Surface Gently rolling
	Soil 2d rate

Bet. Townships 31 & 32 N. Ranges 18 West

Chains	
	N 89° 53' W. on a true line Between Sections 3 & 34 Variation 14° East.
40.00	Set an Oak post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake raise Mound of earth, 2½ ft high from pits 24 x 24 in x 12 in deep for ¼ Section Corner
54.00	Drain descends N. W.
80.00	Set an Oak post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth from pits 24 in x 24 in x 12 in deep, for corner to Sections 3, 4, 33, & 34. 2½ ft high
	Surface rolling
	Soil 2d rate.

Bet. Townships 31 & 32 N. Range 18 West

Chains	
	N 89° 53' W. on a true line Between Sections 4 & 33 Variation 14 East
40.00	Set an Oak post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake raise Mound of earth, 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
48.90	Forgan 20 lks wide runs N. W.
80.00	Set an Oak post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high from pits 24 in x 24 in x 12 in deep for corner to Sections 4, 5, 32 & 33
	Surface Gently rolling
	Soil 2d rate

Bet. Townships 31 & 32 N. Range 18 West

Chains	
	N 89° 53' West on a true line Between Sections 5 and 32 Variation 14° East
40.00	Set an Oak post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner (Charred 2½ ft high)
~~48.90~~	~~Stream 20 links wide runs N.W.~~
80.00	Set an Oak post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth, from pits 24 in x 24 in x 12 in long for corner formed to Sections 5, 6, 31 & 32. (Charred 2½ ft high)
	Surface Gently rolling Soil 2d rate

Bet. Townships 31 & 32 N. Range 18 West

Chains	
	N 89° 53' W. on a true line Between Sections 6 and 31 Variation 14° East
18.50	Stream 10 links wide runs N.E.
40.00	Set an Oak post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred stake, raise Mound of earth from pits 24 in x 24 in x 12 in deep for ¼ Section Corner (Charred 2½ ft high)
77.00	To the Corner to Townships 31 & 32 N. Ranges 18 & 19 W. on West Boundary of Township. Surface rolling second rate June 5th 1873.

General Description

The surface of this township is gently rolling and contains nearly all good 2d rate land.

Township 32 N. Bet. Ranges 18 and

Chains	
	From the corner to Township 31 & 32 N. Ranges 18 & 19 West I run North between Sections 31 and 36
	Variation 14° East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 25, 30, 31 & 36
	Surface Gently rolling
	Soil 2d rate

Township 32 N. Bet Ranges 18 and 19 West

Chains	
	North Between Sections 25 & 30
	Variation 14° East
40.00	Set Cedar post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner
56.70	Stream 12 links wide runs North West. Skirted with Timber
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Section 19, 24, 25 & 30
	Surface Gently rolling.
	Soil 2d rate.
	Timber Bur Oak.

Township 32 N. Bet Ranges 18 & 19

Chains	North Between Sections 19 & 24 Variation 14° East
13.00	Enter river bottom bears N.E. & S.W.
25.75	To the Right Bank of the Niobrara River and set a Cedar post 2 in x 3 in x 4½ ft long 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Meander Corner to fractional Sections 19 & 24
51.00	Measured Over river with a Chain and set a Cedar post 2 in x 3 in x 4½ ft. 12 in deep, deposited Charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Meander Corner to fractional Sections 19 & 24
68.00	Leave bottom bears N.E. and S.W.
80.00	Set a Cedar post 4 in x 4 in 4½ ft. long, 12 in deep, deposit charred Stake, raised Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 13. 18. 19 & 24

Bottom level soil 1st rate,
Surface of upland rolling soil 2d rate
[illegible] rolling soil 2d rate.

Township 32 N. Bet. Ranges 18 and 19 West

Chains	North Between Sections 13 & 18 Variation 14° East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep. for ¼ Sec. Corr.
68.00	Enter ravine descends N.E. Skirted with timber
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Sections 7. 12. 13 & 18

Surface rolling soil 3d rate
Timber Pine, Cedar & Bar Oak

Township 32 N. Bet. Ranges 18 & 19

Chains	
	North Between Sections 7 & 12
	Variation 14° East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
50.00	Ravine descends N.E. Skirted with Pine timber
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for corner to Sections 1. 6. 7 & 12
	Surface rolling
	Soil 3d rate.

Township 32 N. Bet. Ranges 18 and 19 W.

Chains	
	North Between Sections 1 & 6
	Variation 14° East
0.00	Enter Ravine bears N. East
	Skirted with timber
9.00	Stream 4 links wide runs N. E. Skirted with timber
40.00	Set a Cedar post 2 in x 3 in 4½ ft long, 12 in deep, deposit charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner, from which
	A Bur Oak 8 inches bears N 53 W 40 lks dist
	A Cedar 10 inches bears S 40 E 60 lks dist
70.00	Enter Ravine descends N. W.
	Skirted with timber
79.10	Intersect the 8th Standard Parallel N. 4.80 chains East of the ¼ Section Corner on the South Side of Section 31 T. 33 N. Range 18 W and set a Cedar post, 3 in x 3 in x 4½ ft long 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for closing
June 6th 1873	Corner to sections 1 & 6. T. 32 N R 18 W & 19 W. Surface rolling, soil 3d rate. Timber Pine Cedar & Bur Oak

Township 32 N. Bet. Ranges 18 & 19

General Description.

The surface of this Township is broken by streams and ravines, all of which contain timber, Pine Bur Oak & Cedar.

The soil varies from 2d to 3d rate rate.

The Niobrara River flows through the township from West to East along which is some very good bottom land.

Township 29 N. Bet. Ranges 19 & 20 West

Chains	
	From the Corner to Townships 29 North on the 7th Standard Parallel, Between Ranges 19 & 20 West Dir'd North between Sections 31 and 36
	Variation 13° 45' E
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep deposit charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 25, 30, 31 & 36
	Surface gently rolling.
	Soil 2d rate

Township 29 N. Bet. Ranges 19 and 20 West

Chains	
	North Between Sections 25 & 30
	Variation 13° 45' E
40.00	Set a Cedar post, 2 in × 3 in × 4½ ft. long, 12 in deep, deposit charred stake raise Mound 2½ ft high of earth from pits 24 in × 24 in × 12 in long for ¼ Section Corner
80.00	Set a Cedar post 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred stake 2½ ft high raise Mound of earth from pits 24 in × 24 in × 12 in deep for corner to Sections 19. 24. 25 & 30.
	Surface gently rolling,
	Soil 2d rate.

Township 29 N. Bet. Ranges 19 & 20 West

Chains	
	North Between Sections 19 & 24
	Variation 13° 45' East
40.00	Set a Cedar post, 2 in × 3 in × 4½ ft. long, 12 in deep, deposit charred stake 2½ ft high raise Mound of earth from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set a Cedar post, 4 in × 4 in × 4½ ft. long, 12 in deep, deposit charred stake, 2½ ft high raise Mound of earth from pits 24 in × 24 in × 12 in deep for Corner to Sections 13. 18. 19 & 24
	Surface Gently rolling
	Soil 2d rate

Township 29 N. Bet. Ranges 19 & 20 West

Chains	
	North Between Sections 13 and 18.
	Variation 13° 45' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound 2½ ft high of earth, from pits 24 in x 24 in x 12 in deep for ¼ Sec. Cor.
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound 2½ ft high of earth, from pits 24 in x 24 in x 12 in deep for corner to Sections 7, 12, 13 & 18
	Surface Gently rolling,
	Soil 2nd rate

Township 29 N. Bet. Ranges 19 & 20 West.

Chains	
	North Between Sections 7 & 12
	Variation 13° 45' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound 2½ ft high of earth, from pits 24 in x 24 in x 12 in deep for ¼ Sec. Cor.
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound 2½ ft high of earth, from pits 24 in x 24 in x 12 in deep, for corner to Sections 1, 6, 7 & 12
	Surface Gently rolling
	Soil 2nd rate.

Township 29 N. Bet Ranges 19 & 20

Chains	
	North Between Sections 1 & 6
	Variation 13° 45' East
40.00	Set a Cedar post 2 in × 3 in × 4½ ft long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Sect. Cor.
80.00	Set a Cedar post 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 26 in × 26 in × 12 in deep for Corner to Township 29 & 30 N. Between Ranges 19 & 20 West and Sections 1. 6. 31 & 36. Surface Gently Rolling, Soil Sandy 2d rate.

Bet. Township 29 & 30 N. Range 19 W.

From the Corner to Township 29 & 30 N. Ranges 19 & 20 West. I run East on a Random Line between Townships 29 & 30 N.

Variation 13° 45' East

I set temporary ½ Mile and Mile posts at every 40 and 80 chains and at 6 miles and 36 links intersect the East Boundary of the Township 30 links North of corner to Townships 29 & 30 North Ranges 18 and 19 West. My Correction will therefore be 36 links East and 5 links South per mile and the Course will be N 89 58' W.

Bet. Townships 29 & 30 N. Range 19 West

Chains	
	From the corner to Townships 29 and 30 N. Ranges 18 and 19 W I run N 89° 58' West on a true between Sections 1 & 36
	Variation 13° 45' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake raise Mound 2½ ft high of earth from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound 2½ ft high of earth from pits 24 in x 24 in x 12 in deep for corner to Sections 1. 2. 35 & 36.
	Surface Gently rolling
	Soil Second rate

Between Townships 29 & 30 N Range 19 West

Chains	
	N 89° 58' W. on a true line Between Sections 2 and 35
	Variation 13° 45' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound 2½ ft high of earth from pits 24 in x 24 in x 12 in deep for ¼ Sect. Cor.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound 2½ ft high of earth from pits 24 in x 24 in x 12 in deep for Corner to Sections 2. 3. 34 and 35.
	Surface Gently rolling.
	Soil 2d rate

Bet. Townships 29 & 30 N. Range 19

Chains	
	N 89° 58' W. on a true line Between Sections 3 & 34 Variation 13° 45' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred stake 2½ ft high raise Mound of earth, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post 4 in x 4 in 4½ ft long. 12 in deep. deposit charred stake, raised Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 3, 4, 33 & 34
	Surface Level, Soil 1st rate.

Bet. Townships 30 & 29 N. Range 19 West

Chains	
	N 89° 58' W. on a true line Between Sections 4 and 33 Variation 13° 45' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake 2½ ft high, raise Mound of earth, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred stake 2½ ft high raise Mound of earth, from pits 24 in x 24 in x 12 in deep for Corner to Sections 4, 5, 32 & 33.
	Surface Gently rolling, Soil 2d rate.

Bet. Townships 29 & 30 N. Range 19 West

Chains	
	N. 89° 58' W. on a true line Between Sections 5 & 32 Variation 13° 45' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth, 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred stake raise Mound of 2½ ft high earth from pits 24 in x 24 in x 12 in deep for corner to Sections 5, 6, 31 & 32
	Surface gently rolling
	Soil 2d rate

Bet. Townships 29 & 30 N. Range 19 West

Chains	
	N 89° 58' W. on a true line Between Sections 6 and 31 Variation 13° 45' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake raise Mound of 2½ ft high earth from pits, 24 in x 24 in x 12 in deep for ¼ Section Corner
80.36	To the corner to Townships 29 & 30 North, Ranges 19 & 20 West
	Surface Gently rolling
	Soil 2d rate
	June 8th 1873

General Description.

The surface of this Township is gently rolling.

The soil is a sandy loam, and will average 2d rate.

Township 30 N. Bet. Ranges 19 & 20 West

Chains	
	From the Corner to Townships 29 & 30 North, Ranges 19 & 20 West Iran North between Sections 31 & 36
	Variation 13° 50' East
40.00	Set a Cedar post, 2 in × 3 in × 4½ ft. long, 12 in deep. deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep. for ¼ Sec Cor.
80.00	Set a Cedar post. 4 in × 4 in × 4½ ft deep, 12 in long, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for corner to Sections 25, 30, 31 & 36
	Surface Gently rolling
	Soil 2d rate.

Township 30 N. Bet. Range 19 and 20 West

Chains	
	North Between Sections 25 & 30.
	Variation 13° 50' East
40.00	Set a Cedar post. 2 in × 3 in × 4½ ft. long. 12 in deep. deposit charred stake raise of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Sec. Corner
80.00	Set a Cedar post. 4 in × 4 in × 4½ ft. long, 12 in deep. deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for Corner to Sections 19. 24. 25 & 30.
	Surface Gently Rolling.
	Soil 2d rate.

Township 30 N. Bet. Ranges 19 & 20 W.

Chains	North Between Sections 19 & 24 Variation 13° 50' East
40.00	Set a Cedar post 2 in × 3 in × 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in 24 in × 12 in deep for ¼ Section Corner
80.00	Set a Cedar post 4 in × 4 in × 4½ ft. long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for Corner to Sections 13, 18, 19 & 24.
	Surface gently rolling
	Soil 2d rate

Township 30 N. Bet. Ranges 19 & 20 West

Chains	North Between Sections 13 and 18 Variation 13° 50' East
40.00	Set a Cedar post 2 in × 3 in × 4½ ft. long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set a Cedar post 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for Corner to Sections 7, 12, 13 & 18
	Surface gently rolling
	Soil 2d rate.

Township 30 N. Bet. Ranges 19 and 20

Chains	
	North Bet. Sections 7 and 12. Variation 13° 50' East
40.00	Set a Cedar post 2 in × 3 in × 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set a Cedar post 4 in × 4 in × 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 24 in × 24 in × 12 in deep for Corner to Sections 1. 6. 7 & 12
	Surface gently rolling. Soil 2d rate.

Township 30 N. Bet. Ranges 19 & 20 West

Chains	
	North Between Sections 1 & 6. Variation 13° 50' East
40.00	Set a Cedar post 2 in × 3 in × 4½ ft long 12 in deep, deposit Charred Stake, raised Mound of earth 2½ ft high, from pits 24 in × 24 in × 12 in deep for ¼ Section Corner.
80.00	Set a Cedar post 4 in × 4 in × 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 26 in × 26 in × 12 in deep for Corner to Township 30 and 31 North Ranges 19 & 20 West and Sections 1. 6. 31 & 36.
	Surface gently rolling. Soil 3d rate.

Det. Townships 30 & 31 N. Ranges 19 W.

Chains

From the Corner to Townships 30 and 31 North Ranges 19 & 20 West, I run East on a Random Line Between the Townships ~~30 and 31 North~~.

Variation 13° 30' E.

I set temporary 1/2 mile and Mile post at every 40 and 80 Chains and at 6 Miles 1 Chain and 20 links intersect the East Boundary of the Township 75 links South of the post Corner to Townships 30 & 31 North Ranges 18 and 19 West.

My Correction will therefore be 120 links East and 12 1/2 links North per mile and the Course will be S 89° 55 W.

Det. Townships 30 & 31 N. Range 19 West

Chains

From the Corner to Townships 30 & 31 North Ranges 18 and 19 West, I run S 89° 55 W on a true Between Sections 1 and 36

Variation 13° 30' East

40.00 Set a Cedar post, 2 in x 3 in x 4 1/2 ft. long, 12 in deep, deposit Charred stake, raise Mound of earth 2 1/2 ft high from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner

80.00 Set a Cedar post, 4 in x 4 in x 4 1/2 ft. long, 12 in deep, deposit Charred Stake raise Mound of earth 2 1/2 ft high, from pits 24 in x 24 in x 12 in for Corner to Sections 1, 2, 35 and 36

Surface of East 1/2 level

Soil 1st rate

Surface of West 1/2

Gently rolling

Soil 2d rate

Bet. Townships 30 & 31 N. Range 19 We

Chains	
	S 89° 55' W. on a true line Between Sections 2 and 35 Variation 13° 30' E.
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep, for ¼ Sec. Corner.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep for Corner to Sections 2, 3, 34 & 35
	Surface rolling. Soil 2d rate

Bet. Townships 30 & 31 N. Range 19 West

Chains	
	S 89° 55' W. on a true line Between Sections 3 and 34 Variation 13° 30' East.
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 3, 4, 33 & 34
	Surface gently rolling. Soil 2d rate.

Bet. Townships 30 & 31 N. Range 19 West

Chains	
	S 89° 55 W. on a true line Between Sections 4 & 33 Variation 13° 30 East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep, for Corner to Sections 4, 5, 32 & 33
	Surface rolling, Soil Sandy 3d rate

Bet. Townships 30 & 31 N. Range 19 West.

Chains	
	S 89° 55 W. on a true line Between Sections 5 and 32 Variation 13° 30 East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake raise Mound ~~mound~~ of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 5. 6. 31 & 32
	Surface rolling, Soil Sandy 3d rate.

Bet. Townships 30 & 31 N. Range 19 West

Chains	
	S 89° 55' W. on a true line between Section 6 and 31
	Variation 13° 35' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in long, for 1/4 Section Corner
81.20	To the Corner to Townships 30 & 31 North, Ranges 19 & 20 West.
	Surface Gently rolling.
	Soil 2d rate.
	June 9th 1873.

General Description.

The Surface of this Township is gently rolling. The soil is generally 2d rate, though rather too sandy to be considered very valuable for farming purposes.

Township 31 N. Bet. Ranges 19 and 20 West.

Chains	
	From the Corner to Townships 30 & 31 North, Ranges 19 & 20 West Run North between Sections 31 and 36
	Variation 14° East
40.00	Set a Cedar post 2 in x 3 in x 4½ long, 12 in deep, deposit Charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for 1/4 Section Corner.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth from pits 24 in x 24 in x 12 in deep for Corner to Sections 25 30, 31 & 36
	Surface rolling
	Soil Sandy 3d rate

Township 31 N. Bet. Ranges 19 & 20 West

Chains	
	North Between Sections 25 & 30
	Variation 14° East
40.00	Set a Cedar post 2 in × 3 in × 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in × 4 in × 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth from pits 24 in × 24 in × 12 in deep for Corner to Sections 19, 24, 25 & 30
	Surface rolling,
	Soil Sandy 3rd rate.

Township 31 N. Bet. Ranges 19 & 20 W.

Chains	
	North Between Sections 19 & 24
	Variation 14° East.
40.00	Set a Cedar post 2 in × 3 in × 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound 2½ ft high of earth from pits 24 in × 24 in × 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in × 4 in × 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound 2½ ft high of earth from pits 24 in × 24 in × 12 in deep for Corner to Sections 13, 18, 19 & 24
	Surface rolling.
	Soil Sandy 3rd rate.

Township 31 N. of Bet. Ranges 19 & 20 West

Chains	North Between Sections 13 & 18 Variation 14° East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 7. 12. 13 & 18 Surface rolling. Soil 2d rate.

Township 31 N. of Bet Ranges 19 & 20 West

Chains	North Between Sections 7 & 12 Variation 14° East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post, 4 in x 4 in 4½ ft. long, 12 in deep, deposit Charred Stake raise Mound 2½ ft. high of earth, from pits 24 in x 24 in x 12 in deep for Corner to Sections 1. 6. 7 & 12 Surface rolling. Soil 3d rate.

Township 31 N. Bet. Ranges 19 & 20 West

Chains	
	North Between Sections 1 & 6
	Variation 14° East
15.58	Spring branch 6 lks wide runs N.W.
19.10	Same branch 6 lks wide runs N.E.
23.20	Same branch 6 lks wide runs N.W.
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long 12 in deep deposit charred stoke raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner.
78.85	Same Spring branch 8 lks wide runs N.W.
80.00	Marked a 1 Bur Oak 14 in dia for Corner to Townships 31 & 32 North Ranges 19 & 20 West and Sections 1.6.31 & 36. From which A 1 Bur Oak 15 in dia bears N 19 W 22 lks A 1 Bur Oak 12 in dia bears N 35 E 25 lks A 1 Bur Oak 8 in dia bears S 22 W 32 lks An Elm 16 in dia bears S 50 E 40 lks Surface rolling Soil 2d rate. Timber 1 Bur Oak and Elm

Bet. Townships 31 & 32 N. Range 19 West

Chains	
	From the Corner to Townships 31 & 32 North Ranges 19 & 20 West I run East on a Random line between Townships 31 & 32 North
	Variation 13° 40' East
	I set temporary ½ mile and Mile posts at every 40. and 80 Chains and at 6 Miles 2 Chains and 50 links I intersect the East Boundary of Township 20 links South of post Corner to Townships 31 and 32 North Ranges 18 and 19 West. The correction will therefore be 250 links East and 3⅓ links North per mile and the Course will be S 89° 59' W.

Bet. Townships 31 & 32 N. Range 19 West

Chains	
	From the Corner to Townships 31 and 32 North. Ranges 18 & 19 West I run
	S 89° 59' W. on a true line Between Sections 1 & 36
	Variation 13° 40' East
4.50	Ravine descends N.W.
18.50	Stream 10 links wide runs N.W. Skirted with Blue Oak timber
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake raise a Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
43.00	Stream 10 links wide runs N.W. Skirted with timber
80.00	Set a Cedar post 4 in x 4 in 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 1. 2. 35 & 36
	Surface rolling,
	Soil 3d rate timber Blue Oak

Bet. Townships 31 & 32 N. Range 19 West

Chains	
	S 89° 59' W. on a true line Between Sections 2 and 35
	Variation 13° 40' E
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
45.00	Stream 10 links wide runs N.W. Skirted with Blue Oak & Cedar
80.00	Set a Cedar post, 4 in x 4 in 4½ ft. long, 12 in deep deposit Charred stake raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 2, 3, 34 & 35
	Surface rolling,
	Soil 3d rate timber Blue Oak and Cedar

Bet. Townships 31 & 32 N. Range 19 W.

Chains	
	S 89° 59' W. on a true line Between Sections 3 & 34
	Variation 13° 40' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred Stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for ¼ Sec. Cor.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft hgt, from pits, 24 in x 24 in x 12 ft deep, for Corner to Sections 34, 33 & 3
	Surface rolling,
	Soil Sandy 3d rate

Bet. Townships 31 & 32 N. Range 19 West

Chains	
	S 89° 59' W. on a true line Between Sections 4 and 33.
	Variation 13° 40' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred Stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 4, 5, 32 & 33.
	Surface rolling
	Soil Sandy 3d rate

Bet. Townships 31 & 32 N. Rang 19 West

Chains	
	S 89° 59' W. on a true line Between Sections 5 and 32 Variation 13° 40' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft. high, from pits 24 in x 24 in 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for corner to Sections 5. 6. 31 & 32 Surface rolling Sandy Soil 3d rate

Bet. Township 31 & 32 N. Range 19 West

Chains	
	S 89° 59' W. on a true line Between Sections 6 and 31 Variation 13° 40' East
11.10	Stream 10 links wide runs N.W.
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner.
81.50	Stream 8 links wide runs N.W. Skirted with 1 Bur Oak and Elm
82.50	To the Corner to Township 31 & 32 North Ranges 19 & 20 West Surface rolling Soil sandy 3d rate Timber 1 Bur Oak & Elm

June 10th 1873.

General Description.

The Surface of this Township is rolling the Soil sandy 3d rate. There are some streams which head in the North part of this township and runs North to the Niobrara River which are skirted with 1 Bur Oak & Cedar timber.

Township 32 N. Bet. Ranges 19 & 20 West.

Chains	
	From the Corner to Township 31 & 32 North, Ranges 19 & 20 West I run North between Sections 31 & 36 Variation 14° East
1.90	Creek 8 lks wide runs N.W.
9.80	Same 8 lks wide runs N.E.
40.00	Set a Cedar post 2 in × 3 in × 4½ ft long 12 in deep deposit charred stake for 1/4 Section Corner From which
	A 1 Bur Oak 7 in dia bears N 9° W. 67 links dist
	A 1 Bur Oak 6 in dia bears N 17 E 88 links dist
41.00	Leave Timber bears N E & S West
48.00	Leave Creek bottom bears N E & S W.
78.00	Ravine bears N.E.
80.00	Set a Cedar post 4 in × 4 in × 4½ ft long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for Corner to Sections 25, 30, 31 & 36
	Surface rolling.
	Soil 2d rate
	Timber 1 Bur Oak Elm & Willow

Township 32 N. Bet. Ranges 19 & 20 West.

Chains	
	North 1 Between Sections 25 & 30 Variation 14° East
12.00	Ravine descends N.E.
37.00	Ravine descends N E skirted with timber
40.00	Set a Cedar post 2 in × 3 in × 4½ ft long, 12 in deep, deposit charred stake for 1/4 Section Corner From which
	A 1 Bur Oak 8 in dia bears S 1 W 34 links dist
	A 1 Bur Oak 7 in dia bears N 22½ W 27 links dist
45.00	Leave timber bears N. E.
58.40	Intersect the 1 Right 1 Bank of the Nishnabotna River and set a Cedar post 2 in × 3 in × 4½ ft long 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for Meander Corner From which
	A 1 Bur Oak 7 in dia bears S 55° E 166 links dist
73.00	Measured Over 1 River with the Chain and set a post 2 in × 3 in × 4½ ft long 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for Meander Corner to fractional Sections 25 & 30 Enter willow

Township 32 N. Bet Ranges 19 & 20

Chains	
75.00	Leave Willows N E and S.W.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Chained stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 19, 24, 25 and 30
	Surface of upland rolling Soil 2d rate
	Surface of bottom gently rolling Soil 2d rate

Township 32 N. Bet Ranges 19 & 20 W.

Chains	
	North Between Sections 19 and 24
	Variation 14° East
1.00	Leave bottom bears East & W.
7.00	Ravine descends S.E.
10.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Chained Stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for ¼ Sec. Cor.
53.00	Ravine descends S.E.
80.00	Set a Limestone 18 in x 9 in x 8 in 12 in deep for Corner to Sections 13, 18, 19 & 24 from which A Pine 12 in dia bears N 10 W 350 lks dist.
	Surface of upland rolling
	Surface of bottom gently rolling
	Soil 2d rate

Township 32 N. Bet Ranges 19 & 20 West

Chains	
	North Between Sections 13 & 18
	Variation 14° East
5.00	Ravine descends S.W.
18.00	Enter scattering Pine N.E. & S.W.
30.00	Leave timber bears N.E. & S.W.
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred Stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner From which.
	A Bur Oak 5 in dia bears S 87° E 50 lks dist.
48.00	Enter pine timber N.E. & S.W.
60.00	Ravine descends S.E.
68.00	Ravine descends S.E.
73.00	Ravine descends S.E.
80.00	Set a pine post 4 in x 4 in x 4½ long, 12 in deep. Deposit charred Stake, for corner to Sections 7. 12. 13 & 18. From which
	A Pine 20 in dia. bears S ½ W 32 lks dist
	A Pine 16 in dia bears N 1½ W 40 lks dist
	Surface Broken
	Soil gravelly 3d rate

Township 32 N. Bet Ranges 19 & 20 West

Chains	
	North Between Sections 7 & 12
	Variation 14° East
16.00	Ravine descends S.E.
21.80	Ravine descends S.E.
40.00	Set a Pine post 2 in x 3 in x 4½ ft long, 12 in deep deposit charred post for ¼ Sec. Cor. From Which
	A Bur Oak 16 in dia bears S 15° W 200 lks dist
	A Bur Oak 7 in dia bears S 82° E 160 lks dist
48.00	Ravine descends S.E.
50.00	Leave timber bears S.E. & N.W.
57.00	Ravine descends S.E.
80.00	Set a Pine Post 4 in x 4 in x 4½ ft. long, 12 in deep. Deposit Charred Stake for Corner to 1. 6. 7 & 12. From which
	A Pine 11 in dia bears N 24½ E 65 lks
	A Bur Oak 6 in dia bears N 15 W 18 lks distant.
	Surface Broken
	Soil 3d rate

Township 32 N. Bet. Ranges 19 & 20 West

Chains	
	North Between Sections 1 & 6
	Variation 14° East
1.50	Ravine descends S.E.
9.00	Ravine descends S.E.
40.00	Set a Pine Post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake, for 1/4 Sec. Cor. From Which
	A Bur Oak 10 in dia bears S 18° E 200 lks distant
43.00	Timber bears S.E. & N.W.
50.00	Stream 2 links wide runs S.E.
58.00	Leave timber S.E. & N.W.
76.90	Intersect 8th Standard Parallel North 452 lks, East of the 1/4 Section Corner on the South side of Section 31 T 33 N. Range 19 W and Set a cedar post 2 in x 3 in x 4½ ft long, 12 in deep for closing corner to Sections 1 & 6 T 32 N R. 19th W. from Which
	A Bur Oak 4 in dia bears N 3½ W 100 links dist
June 11th 1873.	A Bur Oak 10 in dia bears S 78 E 60 links distant
	Surface Broken soil 3d rate

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Township 29 N. Bet. Ranges 20 and 21 West

Chains	
	From the Corner to Townships 29 North on the 7th Standard Parallel, Ranges 20 and 21 West I run North Between Sections 31 & 36.
	Variation 13° 50' East
10.00	Set a Cedar post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth 3 ft. high, from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner.
20.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake raised Mound of earth 3 ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 25, 30, 31 and 36
	Surface rolling, Soil 2d rate.

Township 29 N. Bet. Ranges 20 & 21 West

Chains	
	North Between Sections 25 and 30
	Variation 13° 50' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake, raise Mound of earth 3 ft high, from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner.
80.00	Set a Cedar post 4 in x 4 in 4½ ft long, 12 ft deep, deposit Charred Stake raise Mound of earth 3 ft high, from pits 24 in 24 in x 12 in deep for Corner to Sections 19, 24 25 & 30.
	Surface gently rolling Soil sandy 2d rate

Township 29 N. Bet. Ranges 20 & 21 West

Chains	
	North Between Sections 19 & 24
	Variation 13 50 East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
68.00	Stream, Long Pine 18 links wide, runs S.E.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 13, 18, 19 & 24
	Surface rolling, Soil 2d rate.

Township 29 N. of Det. of Ranges 20 & 21 West.

Chains	
	North of Between Sections 13 & 18
	Variation 13° 30' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth, 2½ ft high from pits 24 in x 24 in 12 in deep for ¼ Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep deposit charred Stake raise Mound of earth, 2½ ft. high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 7, 12, 13 & 18
	Surface rolling,
	Soil 3d rate.

Township 29 N. of Det. of Ranges 20 & 21 West.

Chains	
	North of Between Sections 7 & 12
	Variation 13° 30' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Sec. Cor.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 1, 6, 7 & 12.
	Surface rolling,
	Soil 3d rate.

Township 29 N. Bet. Ranges 20 & 21 West

Chains

North Between Sections 1 & 6
Variation 13° 50' East

40.00 Set a Cedar post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner

80.00 Set a post 4 in x 4 in x 5 ft long, 12 in deep, deposit Charred Stake raise Mound of earth 4 ft high, from pits 30 in x 30 in x 16 in deep for Corner to Township 29 and 30 North Between Ranges 20 and 21 West and Sections 1, 6, 7 & 12
Surface rolling
Soil sandy 3rd rate.

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Bet. Townships 29 & 30 N. Range 20 West

Chains

From the Corner to Township 29 & 30 North Ranges 20 & 21 West I run East on a Random Line Between Township 29 & 30 North Range 20.
Variation 13° 50' E.

I set temporary ½ mile and mile posts at every 40 and 80 chains and at 6 Miles ~~two~~ 2 chains and 60 links intersect the east Boundary of Township 25 links South of the Corner to Township 29 & 30 N. Ranges 19 & 20 West My correction will therefore be 260 links east and 4 links North per Mile and the course will be S 89° 58' W.

Bet. Townships 29 & 30 N. Range 20 We

Chains	
	From the Corner to Township 29 & 30 North, Between Ranges 19 & 20 West I run S 89° 58 W. on a true line Between Sections 1 & 36 Variation 13° 35' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft long, 12 in deep deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 1. 2. 35 & 36
	Surface Gently rolling. Soil 2d rate.

Bet. Townships 29 & 30 N. Range 20 West

Chains	
	S 89° 58 W. on a true line Between Sections 2 & 35 Variation 13° 35 East
.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft. long, 12 in long, deposit Charred Stake, raise Mound 2½ ft high of earth from pits 24 in x 24 in x 12 in deep for Corner to Sections 2. 3. 34 & 35
	Surface gently rolling Soil 2d rate

Bet. Townships 29 & 30 N. Range 20 W.

Chains	
	S 89° 58' W. on a true line Between Sections 3 & 34 Variation 13° 36' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to sections 3, 4, 33 & 34
	Surface Gently rolling
	Soil 2d rate.

Bet. Townships 29 & 30 N. Range 20 West.

Chains	
	S. 89° 58' W. on a true line Between Sections 4 & 33 Variation 13° 36' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred stake raise mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for Corner to Sections 4, 5, 32 & 33.
	Surface Gently Rolling
	Soil 2d rate.

Bet. Townships 29 & 30 N. Range 20 West

Chains	
	S. 89° 58' W. on a true line Between Sections 5 and 32 Variation 13° 37' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft. long, from pits 24 in 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for Corner to Sections 5. 6. 31 & 32 Surface gently rolling, Soil 2d rate.

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Bet. Townships 29 & 30 N. Range 20 West.

Chains	
	S 89° 58' W. on a true line Between Sections 6 and 31 Variation 13° 50' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth high 2½ ft from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
51.40	To Long Pine Creek 30 links wide runs North
82.60	To the Corner to Townships 29 & 30 North, Ranges 20 & 21 West. Surface rolling Soil 2d rate.

June 14th 1873

General Description.

The surface of this Township is gently rolling. The soil of that portion lying east of Long Pine Creek, is generally good 2d rate and well adapted to agriculture. That west of Creek is rolling sandy size 3d rate.

The Longe pine creek is a beautifus stream from 20 to 30 links wide, 20 inches deep and rapid current. It is made up and fed by springs and has some Pine

Township 30 N. Bet. Ranges 20 & 21 West,

Chains	
	North Between Sections 31 and 36
	Variation 13° 40' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
65.00	Enter timber bears N.W. and S.E.
66.00	Cañon 150 feet wide descends East filled with a dense growth of Cedar
70.00	Enter Creek Bottom bears N.W. and S.E.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long 12 in deep, deposit charred stake, for corner to sections 25, 30 & 31 & 36
	From Which
	A Cedar 8 in dia bears S 2° E. 100 lks dist
	A Bur Oak 9 in dia bears S 40° W. 22 lks dist
	South half rolling
	North half Broken
	Soil 3d rate.
	Timber Pine, Cedar, Bur Oak and Willows

Township 30 N. Bet. Ranges 20 & 21 West

Chains	
	North Between Sections 25 & 30
	Variation 13° 40' East
20.00	Leave Creek Bottom N.E. & S.W.
28.00	Leave Timber bears N.E. & S.W.
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth from pits 24 in x 24 in x 12 in deep, for corner to sections 19, 24, 25 & 30 From which
	A Pine 8 in dia bears N 87 W. 530 lks dist
	A Pine 11 in dia bears S 78 W 548 lks dist
	Surface of South half Broken
	Soil 3d rate.
	Surface of North half level,
	Soil good 2d rate.
	Timber Pine & Cedars

Township 30 N. Bet. Ranges 20 and 21 West.

Chains	
	North Between Sections 19 & 24
	Variation 13° 40' East
40.00	Set a Pine post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, From which
	A Pine 9 in dia bears N 9° E 515 lks dist
	A Pine 10 in dia bears N 10 W. 470 lks dist
45.00	Enter timber bears N.E. and S.W.
60.00	Ravine descends West
78.50	Bed of dry creek descends N E
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred Stake, for corner to Sections 13.18.19 & 24 From Which
	A Willow 8 in dia bears S 12° W 250 lks dist
	A Willow 5 in dia bears S 8° E 258 lks dist
	Surface Rolling
	Soil 3d rate
	Timber Pine.
	A few Willows along the dry bed of Stream.

Township 30. N. Bet. Ranges 20 and 29 West

Chains	
	North Between Sections 13 & 18
	Variation 13° 40' East
40.00	Set a Cedar post. 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, for ¼ section corner From Which
	A Pine 14 in dia bears N 45 E 140 lks dist
	A Pine 13 in dia bears N 18 W 152 lks dist
65.00	Leave timber bears N E and S.W.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long 12 in deep, deposit charred stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 7.12.13 & 18
	Surface Rolling.
	Soil 3d rate
	Timber Pine

Township 30 N. Bet. Ranges 20 & 21 West

Chains	North Between Sections 7 and 12 Variation 13° 40' East
40.00	Set a Cedar post 2 in × 3 in × 4½ ft long 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set a Cedar post 4 in × 4 in × 4½ ft long 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for Corner to Sections 1. 6. 7 & 12
	Surface rolling
	Soil Sandy 3d rate

Township 30. N. Bet Ranges 20 & 21 West

Chains	North Between Sections 1 and 6 Variation 13° 40' E
40.00	Set a Cedar post 2 in × 3 in × 4½ ft long 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for ¼ Section Corner
80.00	Set a Cedar post 4 in × 4 in × 4½ ft long 12 in deep, deposit Charred Stake, raise Mound of earth 3 ft high from pits 26 in × 26 in × 14 in deep for Corner to Townships 30 & 31 North Ranges 20 & 21 West and Sections 1. 6. 7 & 12
	Surface rolling
	Soil Sandy 3d rate

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Det. Townships 30 & 31 N. Range 20 W.

Chains

From the Corner to Townships 30 & 31 North, Ranges 20 & 21 West I run East on a Random Line Between Townships 30 & 31 North Range 20 W.

Variation 13° 40' E

I set temporary 1/2 Mile and Mile posts at every 40 and 80 chains and at 6 miles and 11 links I intersect the East Boundary of Township 252 links South of the Corner to Townships 30 & 31 North Ranges 19 & 20 West My correction will therefore be 11 links east and 42 links North per mile and the Course will be S 89° 42' W.

Det. Townships 30 & 31 Range 20 West

Chains

S 89° 42' W. on a true line Between Sections 1 and 36

Variation 13° 40' East

0.00 Set a Cedar post 2 in x 3 in x 4 1/2 ft. long, 12 in deep, deposit charred Stake, raise Mound of earth 2 1/2 ft high from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner

20.00 Set a Cedar post 4 in x 4 in x 4 1/2 ft long, 12 in deep, deposit charred Stake, raise Mound of earth 2 1/2 ft. high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 1, 2, 35 & 36

Surface Gently rolling

Soil 2d rate.

Bet. Townships 30 & 31 N. Range 20 West

Chains	
	S 89° 42' W. on a true line Between Sections 2 & 35 Variation 13° 40' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft. high, from pits 24 in x 24 in 12 in deep for ¼ Section Corner
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft high, from pits 24 in x 24 in 12 in deep, for Corner to Sections 2. 3. 34 & 35
	Surface Gently rolling
	Soil 2d rate

Bet. Townships 30 & 31 N. Range 20 West

Chains	
	S 89° 42' W. on a true line Between Sections 3 and 34 Variation 13° 40' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for corner to Sections 3. 4. 33 & 34
	Surface Gently rolling
	Soil 2d rate.

Det. Townships 30 & 31 N. Range 20 W.

Chains	
	S89°42' W. on a true line Between Sections 4 & 33
	Variation 13°40' East
40.00	Set a Cedar post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 4, 5, 32 and 33
	Surface Rolling.
	Soil Sandy 3d rate,

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Det. Townships 30 & 31 N. Range 20 West

Chains	
	S89°42' W. on a true line Between Sections 5 and 32
	Variation 13°40' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
	From which
	A Pine 18 in. dia bears S83°E 253 lks dist
50.00	Enter timber bears N and S.
62.00	Descend Bluffs N and S.
64.75	Enter Bottom N and S.
65.00	Long Pine 40 links wide runs N
80.00	Set a Bur Oak post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred Stake for corner to sections 5, 6, 31 & 32
	From which
	A Bur Oak 16 in dia bears N70°E 27 lks dist.
	A Bur Oak 15 in dia bears S10°E 40 lks dist.
	A Bur Oak 12 in dia bears S7°W 37 lks dist.
	Surface of upland Broken
	Surface of Bottom level
	Soil Sandy 3d rate
	Timber Bur Oak, Pine and Cedar

Set Townships 30 & 31 N. Range 20 West

Chains	
	S89° 42' W. on a true line Between Sections 6 & 31
	Variation 13° 40' East
5.00	Leave Bottom and Timber bears N, and S.
8.50	Top of Bluffs N, and S.
40.00	Set a Cedar post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred Stake Stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner,
80.11	To the Corner to Townships 30 & 31 North Ranges 20 & 21 W.

Surface rolling.
Soil sandy 3d rate.

June 15th 1873

General Description.

This Township is Watered by Long Pine Creek from 30 to 40 lks wide. It Contains some excellent Bur Oak, Pine and cedar timber. The Soil varies from 2d to 3d rate. Considerable of which will do well for Cultivation,

Township 31 N Ranges 20 and 21 West

Chains	
	From the Corner to Townships 30 & 31 N Ranges 20 and 21 West I run North Between Sections 31 and 36
	Variation 13° 50' E
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long 12 in deep, deposit charred Stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 25, 30, 31 & 36

Surface rolling.
Soil sandy 3d rate.

Township 31 N. Bet. Ranges 20 & 21 West

Chains	
	North 1 Between Sections 25 and 30
	Variation 13° 5' East
40.00	Set a cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a cedar post 4 in x 4 in x 4½ ft long, 12 in deep deposit Charred stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep, for Corner to Sections 19, 24, 25 & 30
	Surface rolling.
	Soil sandy 3d rate

Township 31 N. Bet. Ranges 20 & 21 West.

Chains	
	North 1 Between Sections 19 & 24
	Variation 13° 50' East
40.00	Set a cedar post. 2 in x 3 in x 4½ ft long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft. high, from pits 24 in 24 in x 12 in deep, for ¼ Section Corner
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft long 12 in deep deposit charred stake raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep, for Corner to Sections 13 and 18, 19 & 24
	Surface Rolling.
	Soil 3d rate

Township 31 N. Bet. Ranges 20 & 21 West

Chains	North Between Sections 13 & 18
	Variation 13° 50' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for ¼ Cedar Section Corner
80.00	Set a post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for corner to Section 7. 12. 13 & 18.
	Surface Rolling.
	Soil 3d rate.

Township 31 N. Bet. Ranges 20 & 21 West

Chains	North Between Sections 7 and 12
	Variation 13° 50' East
26.00	Enter Pine Timber bears N.E. & S.W.
38.00	Deep Ravine descends N.W.
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake, From which
	A Pine 13 in dia bears S¼° E. 40 lks dist.
	A Pine 14 in dia bears N 76° W 50 lks dist.
56.50	Enter Bottom bears N.E. and S.W.
61.85	Creek 30 links wide runs N.E.
67.00	Same 30 links wide runs N.W.
68.00	Same 30 links wide runs N.E.
70.00	Leave Timber and Bottom bears N.E. and S.W.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for corner to Sections 1. 6. 7 and 12.
	Surface Broken
	Soil of upland 3d rate, bottom 1st rate
	Timber Pine Bur Oak, Black Walnut, Ash, Ironwood and Willows

Township 31 N. Bet. Ranges 20 & 21

Chains

North Between Sections 1 & 6

Variation 13° 50' East

40 — 40.00 Set a Cedar post 2 in x 3 in x 4½ ft. long 12 in deep, deposit charred stake raised Mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner

80 — 80.00 Set a Sand Stone 24 in x 20 in x 9 in 14 in deep for Corner to Townships 31 & 32 N. Ranges 20 & 21 West and Sections 1. 6. 31 & 36

Surface rolling.

Soil 3d rate

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Bet. Townships 31 & 32 N. Range 20 West

Chains

From the Corner to Townships 31 & 32 North Ranges 20 & 21 West I run East on a Random Line between Township 31 & 32 Range 20. N

Variation 14° East

I set temporary ½ Mile and Mile posts at every 40 and 80 chains and at 5 Miles 79 and 52 links Intersect the East Boundary of the Township 76 links South of the Corner to Townships 31 & 32 North Ranges 19 & 20 West.

My Correction will therefore be 48 links West and 12⅔ links North per mile and the Course will be S 89° 55' W.

Bet. Townships 31 & 32 N. Ranges 20 West

Chains	
	From the Corner to Townships 31 & 32 North, Ranges 19 & 20 West I run
	S89°55' W. on a true line Between Sections 1 and 36
	Variation 14° East
1.00	Leave timber bearsct, and S.
40.00	Set a Cedar post. 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cedar post. 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred Stake, raised Mound of earth 2½ ft high, from pits 24 in x 24 in 12 in deep for Corner to Sections 1. 2. 35 & 36
	Surface rolling
	Soil 2d to 3d rate

Bet. Townships 31 & 32 N. Range 20 West

Chains	
	S89°55' W. on a true line Between Sections 2 and 35
	Variation 14° East
40.00	Set a Cedar post. 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
68.50	Deep Ravine descends N.W.
80.00	Set a Cedar post. 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred Stake raise Mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep, for Corner to Sections 2. 3. 34 and 35
	Surface rolling,
	Soil 2d rate.

Bet. Townships 31 & 32 N. Range 20 West

Chains	
	S 89° 55' W. on a true line Between Sections 3 and 34 Variation 14° East
.10	Stream 3 links wide runs North
30.00	Deep Ravine descends N.W.
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit charred stake raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner.
59.00	Enter bottom bears N and S.
61.00	Ravine descends N.W.
80.00	Set a cedar post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 3.4.33 & 34 from which a Willow 6 in dia. bears N 41 W. 36 lks dist. A Willow 6 in dia bears N. 52 E 70 lks dist. Surface of upland Broken Soil 3d rate. Surface of Bottom rolling Soil 2d rate

Bet. Townships 31 & 32 N. Range 20 West

Chains	
	S 89° 55' W. on a true line Between Sections 4 & 33 Variation 14° East
4.55	Long Pine Creek 60 link wide runs N. E.
13.00	Leave bottom N. and S.
18.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for ¼ Section Corner
20.00	Set a Cedar post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 4.5.32 & 33 Surface of upland Broken Soil 3d rate Surface of bottom level Soil 2d rate

Bet. Townships 31 & 32 N. Range 20 W.

Chains	
X	S 89° 55 W. on a true line Between Sections 5 & 32 Variation 14° East
13.50	Ravine descends S.E. Skirted with timber
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post, 4 in x 4 in 4½ ft. long, 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep for Corner to Sections 5 & 6. 31 & 32
	Surface rolling Soil 2d rate
	Timber Burr Oak

Bet. Townships 31 & 32 N. Range 20 West

Chains	
X	S 89° 55 W. on a true line Between Sections 6 & 31 Variation 14° East
40.00	Set a Sandstone 16 in x 12 in x 6 in 10 inches in the ground for ¼ Section Corner
79.52	to the Corner to Townships 31 & 32 North Range 20 & 21 West
	Surface rolling soil 3d rate
	June 16th 1873.

General Description.

This Township is broken by a large number of streams and ravines, which are nearly all skirted with pine timber There is especially a large body of Pine timber in Sections 4. 5. 6 7 & 8.

Long Pine Creek runs northerly through the Township, affording any amount of power for Mechanical purposes

Soil 2d to 3d rate

Township 32 N. Bet. Ranges 20 and 21 West

Chains	
	From the Corner to Township 31 & 32 North, Ranges 20 and 21 West I run North Between Sections 31 & 36
	Variation 14° East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for ¼ Section Corner
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft. long, 12 in deep, deposit charred Stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 25, 30, 31 & 36.
	Surface Rolling, Soil, Sandy 3d rate.

Township 32 N. Bet. Ranges 20 & 21 West

Chains	
	North Between Sections 25 and 30.
	Variation 14° East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep, for ¼ Section Corner.
78.50	Enter timber bears N.E. and S.W.
79.80	Stream 2 links wide runs N.E.
80.00	Set a Cedar post, 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft. high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 19, 24, 25 & 30 From Which An Elm 14 in dia bears S 23½° W. 8 links dist A Cedar 14 in dia bears N 76° East 30 lks dist.
	Surface Rolling, Soil 2d rate Timber Bur Oak, Elm and Cedar.

Township 32 N. Bet. Ranges 20 & 21

Chains	
	North 1 Between Sections 19 and 24
	Variation 14° East
1.50	Leave timber bears N E & S W.
14.40	To the Niobrara River and Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Chamed Stake, for Meander Corner to Fractional Sections 19 & 24. From which
	A Cedar 7 in dia bears S 52° W. 6 lks dist
	An Elm 8 in dia bears N 63 E 20 lks dist
80 31.00	Measured Over River with the Chain and Set a Cedar post 2 in x 3 in x 4½ ft long x 12 in deep, deposit Chamed Stake for Meander Corner to fractional Sections 19 & 24 From Which
	A Cottonwood 7 in dia, bears N 13° E. 18 lks dist
	A Cottonwood 5 in dia. bears North 10 lks dist
40.00	Set a Cedar post 2 in x 3 in x 4½ ft. long, 12 in deep, deposit Chamed Stake, for ¼ Section Corner From Which
	A Cottonwood 14 in dia bears N 13° E 5.20 lks dist
	A Cottonwood 13 in dia bears N 3° W 5.20 lks dist

Township 32 N. Bet. Ranges 20 & 21 W.

Chains	
45.20	Leave Bottom E & W.
71.00	Ravine descend S. W.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Chamed Stake raise Mound of earth 2½ ft ~~long~~ high from pits 24 in x 24 in 12 in deep for Corner to Sections, 13, 18, 19 & 24
	Surface of upland rolling,
	Surface of Bottom level,
	Soil 2d rate.

Township 32 N. Bet. Ranges 20 & 21 W.

Chains	
	North Between Sections 13 and 18
	Variation 14° East
12.00	Ravine descends West
40.00	Set a Sand Stone 14 in x 12 in x 8 in x 9 inches in the ground for 1/4 Section Corner
41.50	Ravine descends West
46.50	Ravine descends West
80.00	Set a Cedar post 4 in x 4 in x 4 1/2 ft. long, 12 in deep, deposit Charred Stake, raised Mound of earth, 2 1/2 ft high, from pits 24 in x 24 in x 12 in deep on Cor. to Sec. 7. 12, 13 and 18 From which.
	A Bur Oak 7 in dia bears N 32 1/2° W 85 lks
	A Bur Oak 8 in dia bears N 17° E 220 lks
	Surface rolling,
	Soil 2d rate

Township 32 N. Bet. Ranges 20 & 21 West

Chains	
	North Between Sections 7 & 12
	Variation 14° East
3.00	Ravine descends S.W.
	Skirted with timber
11.00	Ravine descends S.W.
	Skirted with timber
22.00	Ravine descends S.W.
	Skirted with timber
38.00	Ravine descends S.W.
	Skirted with timber
40.00	Set a Cedar post 2 in x 3 in x 2 1/2 ft. long, 12 in deep, deposit Charred Stake, for 1/4 Sec. Cor. From Which
	A Bur Oak 13 in dia bears S 20° W 35 lks dist
	A Bur Oak 8 in dia bears S 10° E 20 lks dist
58.00	Ravine descends S.W.
80.00	Set a Cedar post. 4 in x 4 in x 4 1/2 ft. long, 12 in deep, deposit Charred Stake. for Corner to Sections 1. 6. 7 and 12 From which
	A Pine 6 in dia bears S 76° E 7 lks dist
	A Pine 8 in dia bears S 25° W 10 lks dist
	Surface rolling.
	Soil 3d rate.

Township 32 N. Bet. Ranges 20 & 21 W.

Chains	
	North Between Sections 1 & 6
	Variation 14° East
.60	Stream 3 links wide runs S.W.
35.00	Stream 3 links wide runs S.W. in bottom of deep Canon
40.00	Set a Cedar post 2 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake, for ¼ Sec. Cor. From which
	A Pine 14 in dia bears S 10° E 230 lks dist
	A Pine 9 in dia bears S 5° W 256 lks dist
58.00	Canon descends S.W.
78.40	Intersect the 8th Standard Parallel North 748 links East of the ¼ Section Corner on the South Side of Section 31. T. 33 N. R. 20 W. and set a Cedar post 3 in x 3 in x 4½ ft long, 12 in deep, deposit Charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Closing Corner to T. 32 N Rs 20 & 21 & Sections 1 and 6; Surface Broken Soil 3d rate. Timber Pine

June. 17th 1873.

Township 32 N. Bet. Ranges 20 & 21 West

Chains

General Description.

The Surface of this Township is Broken by Streams Rounes and Canons.

It contains some valuable Pine timber.

The soil varies from 2d to 3d rate some of which will pay well to Cultivate.

List of Names.

A list of Names of the individuals employed to assist in running Measuring and Marking the lines and corners described in the foregoing field Notes of Extra Surveys Townships 29. 30. 31 & 32 North of the 1 Base Line,

1 Ranges 17. 18. 19 & 20 West of the 6th Principal Meridian.

A H Clinton } Chairmen
Joseph Patros }
W. O. Sanders ex. flag &
Frank Thibault } Mountainman

We hereby certify that we assisted Chauncey Wiltse, deputy Surveyor in surveying and establishing the exterior Boundary lines of Townships 29, 30, 31 & 32 North Ranges 17, 18, 19 & 20 West of the 6th Principal Meridian in the State of Nebraska 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 and of dimensions, character, construction and Marks and in the manner as specifically described in the foregoing field notes.

Anthony H. Clint Chainman
Joseph Potras Chainman

W. O. Sanders axman
Frank his x mark Thibault Mountman &
Flagman

Subscribed and sworn to before me a clerk of the District Court of Madison County this 3rd day of July 1873

Jos Mathewson
Clerk of District
Court for Madison Co

I Chauncey Wiltse, Deputy Surveyor, do solemnly swear, that in pursuance of a joint contract wherein Chauncey Wiltse and Henry Court are joint contractors with E. E. Cunningham Surveyor General for the District of Nebraska and Iowa, bearing date the 1st day of May 1873. I have well faithfully and truly in my own proper person and in strict conformity to the instructions furnished by the Surveyor General the Surveying Manual and the laws of the United States, surveyed all those parts or portions of the Exterior Boundary lines of Townships 29, 30, 31 & 32 North of the Base Line and Range 17, 18 19 & 20 West of the 6th Principal

Meridian, as are represented in the foregoing field notes as having been surveyed under my directions; 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, printed instructions and Special instructions of the Surveyor General, of dimensions character, construction and Marking and in the manner as specifically described in the foregoing field notes 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 this 15th day of Sept. 1873.

W. R. Bartlett
Notary Public

Surveyor Generals Office
Plattsmouth 187

The foregoing field Notes of the Survey of the Exterior Boundary Lines of Townships No 29. 30. 31 & 32. North Ranges No 17. 18. 19 & 20 West of the 6th P.M. in the State of Nebraska Executed by Chauncey Wiltse Deputy Surveyor under joint Contract No 71. dated May 1st 1873. Wherein Chauncey Wiltse and Henry Court are joint Contractors ~~with~~ in the month of May and June 1873 having been critically examined the necessary corrections and explanations made the said field Notes and the Surveys they describe are hereby approved.

Surveyor General.

Field Notes
of
Exterior Lines
of
Townships 29. 30. 31 and 32 N
Ranges 21. 22. 23 and 24 W.

Executed By
Fred A. McClure Deputy Surveyor
under Contract No 79
dated July 2nd 1874

For Oaths and Surveyor Generals Approval see page 262 W

Townships 29–32 N. Ranges 21 23 + 24 W. included from pages 190½ to 262

Tps 29–32 N. Rs. 21 + 22 W. pgs 262½ to 359

Township Lines continued

Survey
of the Exterior Boundary
lines of Townships 29.30.
31 and 32 North of the
"Base Line". Ranges 23 and
24 West of the 6th Prin. Mer.
in the State of Nebraska.

Executed by
Fred A. McClure, under
joint contract No 79 wherein
Chauncey Wiltse, Henry
Court and Fred. A McClure
are joint contractors.

Survey commenced
July 26th 1874
Survey completed
August 1st 1874

Names of Assistants.

Names of those who were employed to assist in surveying the Exterior boundary lines of Townships before mentioned.

W. F. Pinkham } Chainmen
Frank Crowell }
Esau Belden } Axmen
John Fox } Mountmen +
Flagmen

Township 29 North bet

chains	
	From the established corner to Townships 29 ~~[illegible]~~ North. Ranges 23 and 24 West. on 7th Stand Parallel. N. Trun
	North on true line bet. Secs. 31 and 36
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in - 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4 ft - 12 in deep. Deposit charred stake. raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 25. 30. 31. 32 Surface rolling sand hill Soil 3d rate -

Ranges 23 and 24 West 6th P.M.

chains	
	North bet Secs. 25 and 30
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in x ~~and~~ 12 in deep for 1/4 Section Corner.
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 24 in - 12 in deep for corner to Sections 19. 24. 25 and 30. Surface rolling sand hills Soil 3d rate -

Township 29 North-

chains	
	North bet. Sec. 19 & 24
	Variation 13° 50' E
40.00	Set cedar post. 2 in x 3 in x 4 ft - 12 in deep Deposit charred stake raise mound of earth - 2 ft high from pits 22 in x 22 in - 12 in deep for 1/4 Sec. Corner.
80.00	Set cedar post 4 in x 4 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth - 2½ ft high, from pits 24 in x 24 in - 12 in deep. for corner to Sections 13, 18, 19, 24.
	Surface rolling sand hills
	Soil 3rd rate

Bet Ranges 23 and 24 West

chains	
	North bet Sec. 13 and 18
	Variation 13° 50' E
40.00	Set cedar post 2 in x 3 in x 4 ft - 12 in deep Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
80.00	Set cedar post 4 in x 4 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high from pits 24 in x 24 in - 12 in deep for corner to Sec. 7, 12, 13 and 18.
	Surface rolling sand hills.
	Soil 3rd rate.

Township 29 North bet Ranges 23 and 24 West

chains	
	North bet Secs. 7 and 12
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep
	Deposit chained stake raise mound of earth 2 ft high from pits 22 in x 22 in x 4 ft - 12 in deep for 1/4 Sec. Cor.
80.00	Set Cedar post 4 in x 4 in x 4½ ft 12 in deep.
	Deposit chained stake, raise mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 1. 6. 7 and 12
	Surface rolling sand hills.
	Soil 3rd rate.

chains	
	North bet Secs. 1 and 6
	Variation 13° 50' E
40.00	Set Cedar post. 2 in x 3 in x 4 ft - 12 in deep.
	Deposit chained stake raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Section Corner
80.00	Set Cedar post 4 in x 4 in x 4½ ft - 12 in deep.
	Deposit chained stake raise mound of earth - 2 ft high from pits 24 in x 24 in - 12 in deep for corner to Secs. 1. 6. 31 and 36 and Townships 29 and 30 N. Ranges 23 and 24 West.
	Surface rolling sand hills
	Soil 3rd rate -

Bet Townships 29 and 30 N. Range 23 West 6th P.M.

chains

From the established corner to Townships 29 and 30 N. Ranges 23 and 24 West I run East on a random line bet. said Townships
Variation 13° 40' E
Setting temporary ½ mile and mile posts at every 40 and 80 chains and at 6 miles, 2 chains and 10 links, I intersect East boundary of Township 179 lks. South of corner to Towns. 30 and 31. R 22 + 23.

My correction will be 2 chains and 90 lks. East and 2.9⅚ lks. South per mile and my course N 89° 47' West

chains

From established corner to Towns. 29 + 30 N. Ranges 22 and 23 West. I run N 89° 47' West on line bet. Secs. 1 and 36
Variation 13° 40' E

40.00 Set Cedar post 2 in x 8 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth - 2 ft high from pits 2½ in x 22 in - 12 in deep for ¼ Sec. Corner

80.00 Set Cedar post 4 in x 4 in x 4½ ft - 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Sections 1. 2. 35. 36
Surface undulating bottom Soil sandy - 2nd rate -

Bet Townships 29 & 30 N

chains	
	N 89° 48' West on true line bet Sec. 2 & 35 Variation 13° 40' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Section Corner.
80.00	Set Cedar post 4 in x 4 in x 4½ ft 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Sec. 2. 3. 34 and 35. Surface bottom soil sandy 2d rate

Range 28 West 6th P.M.

chains	
	N 89° 48' West on true line bet. Sec. 3 and 34 Variation 13° 40' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep Deposit chained stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4½ ft - 12 in deep. Deposit chained stake, raise mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Sec. 3. 4. 33 and 34 Surface bottom soil sandy loam - 2d rate

Bet Townships 29 & 30

chains	
	N 89° 47' West on true line bet. Secs. 4 and 33
	Variation 13° 40' E
40.00	Set Cedar post 8 in x 5 x 4 ft - 12 in deep. Deposit chained stake raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner
80.00	Set Cedar post 4 in x 4 in x 4½ ft 12 in deep Deposit chained stake. raise mound of earth - 2½ ft high from pits 24 in x 24 in 12 in deep. for corner to Sections 4. 5. 33 and 34
	Surface bottom Soil 2d. rate -

Range 23 West 6th P.M.

chains	
	N 89° 47' West on true line bet. Secs. 5 and 32
	Variation 13° 40' E
1.00	Leave bottom N and S
40.00	Set Cedar post 2 in x 8 in x 4 ft - 12 in deep Deposit chained stake raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4½ ft 12 in deep Deposit chained stake raise mound of earth - 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 5. 6. 31 and 32
	Surface rolling sand hills. Soil 2d. rate.

Bet Towns. 29 and 30 N
R 23 West 6th P.M.

chains

N 89° 47' West on true line bet Secs. 6 and 31
Variation 13° 40' E

40.00 Set Cedar post 3 in x 2 in x 4 ft. 12 in deep
Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.

82.10 To corner to Townships 29 and 30 N. Ranges 23 and 24 West.
Surface rolling sand hills.
Soil 3d. rate.

July 26th

General Description.
The surface of this Town. is generally rolling sand. hills, Soil 3d. rate except a portion in S.E. which is good sandy loam 2d. rate. This part is good for cultivation, is covered with good growth of blue joint grass.

Bet Towns 29 and 30 N. R 24 West

chains

From the established corner to Townships 29 and 30 N. Ranges 23 and 24 West.
I run
West on a random line bet said Townships
Variation 13° 30' E
Setting 1/2 mile and mile posts at every 40 and 80 chains and 5 miles 75 chains and 80 lks. I intersect West Boundary of Town the 3d. Guide Meridian West at a point 2 chains N. of corner to Towns. 29 and 30 N. Range 24 & 25 West.

Therefore my correction will be ~~42.0 lks. East~~ ~~and~~ 33 1/3 lks. South per mile and my course will be N 89° 46' East

Bet. Townships 29 and 30 N. Range 24 West 6th P.M.

chains	
	From established corner to Townships 29 and 30 N. Range 24 West on 3d G. Meridian I run
	N 89° 46' East on true line bet. Secs. 6 and 31
	Variation 13° 30' E
35.80	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep - Deposit chained stake raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor.
75.80	Set Cedar post - 4 in x 4 in x 4½ ft - 12 in deep. Deposit chained stake, raise mound of earth - 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 5. 6. 31 and 32
	Surface sand hills soil 3rd rate.

chains	
	N 89° 46' East on true line bet. Secs. 5 and 32
	Variation 13° 30' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep Deposit chained stake raise mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for ¼ Sec. Cor.
80.00	Set Cedar post 4 in x 4 in x 4½ ft - 12 in deep, Deposit chained stake, raise mound of earth - 2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 4. 5. 32 and 33
	Surface sand hills Soil 3rd rate

Bet Townships 29 and 30 N

chains	
	N 89° 46' East on true line bet Secs 4 and 33
	Variation 13° 30' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake. raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor
42.00	Enter bottom N.W. & S.E.
80.00	Set Cedar post 3 in x 4 in x 4 ft - 12 in deep Deposit chained stake. raise mound of earth - 2½ ft high from pits - 24 in x 24 in 12 in deep. for corner to Secs. 3. 4. 33. 34 Surface rolling Soil sandy. 3d rate Bottom 2d rate

Range 24 West 6th P.M.

chains	
	N 89° 46' East on true line bet Secs. 3 and 34
00.80	Creek 10 lks. wide N.W.
	Variation 13° 30' E
40.00	Set Cedar post 2 in x 3 in x 3 in - 12 in deep. Deposit chained stake, raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Corner.
55.00	~~Leaves~~ bottom N.E. and S.W.
~~79.20~~	~~Creek xx lks xx wide N.W.~~
80.00	Set Cedar post 4 in x 4 in x 4½ ft - 12 in deep. Deposit chained stake, raise mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for corner

to Secs. 23. 34 & 35.

Sandy 3d rate.

Bet Townships 29 and 30 N

chains	
	N 89° 46' East on true line bet. Secs. 2 and 35
	Variation 13° 30' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor.
80.00	Set Cedar post 4 in x 4 in x 4½ ft 12 in deep. Deposit chained stake. raise mound of earth - 2½ ft high from pits 24 in x 24 in 12 in deep for Corner to Secs. 1. 2. 35 & 36 ~~3. 34 and 35~~
	Surface rolling Soil sandy 3d

Range 24 West 6th P.M.

chains	
	N 89° 46' East on true line 1 and 36
	Variation 13° 30' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep - for ¼ Sec. Cor.
80.00	Set Cedar post 4 in x 4 in - 4½ ft - 12 in deep. Deposit chained stake, raise mound of earth - 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 1. 2. 35 and 36
	Surface sand-hills. Soil 3d rate

General Description.

The surface of this Township along the line is generally rolling sand hills. Soil 3d rate.

July 27th

Township 30 North-bet Ranges 23 and 24 West

chains	
	From the established corners to Townships 29 and 30 N. Ranges 23 and 24 West.
	1 mile
	North-bet Sec. 31 & 36
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep
	Deposit chamed stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft 12 in deep.
	Deposit chamed stake. raise mound of earth 2 1/2 ft high from pits 24 in x 24 in - 12 in deep - for corner to Sec. ~~19. 24~~. 25 and 30
36	Surface rolling sand hills Soil 3rd rate.

chains	
	North-bet Sec. 25 and 30
	Variation 13° 50' E
40.00	Set Cedar post. 2 in x 3 in x 4 ft - 12 in deep. Deposit chamed stake. raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner -
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep Deposit chamed stake raise mound of earth 2 1/2 ft high from pits 24 in x 24 in x 12 in deep for corner to Sections 19. 24. 25 and 30
	Surface rolling sand hills Soil 3rd rate -

Township 30 North

chains	
	North bet Secs. 19 and 24
	Variation 13°50'E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake. raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft 12 in deep. Deposit charred stake raise mound of earth - 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 13. 18. 19 and 24
	Surface rolling sand hills Soil 3d rate

bet Ranges ~~24~~ 23 and ~~25~~ 24 West

chains	
	North bet Secs. 13 and 18
	Variation 13°50'E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft. 12 in deep. Deposit charred stake. raise mound of earth - 2 ft high from pits 24 in x 24 in 12 in deep. for corner to Secs. 7. 12. 13. 18
	Surface 1 1/2 rolling Soil sandy 3d rate Bal. level, soil dry clay - 2d rate

Township 30 North-

chains	
	North-bet. Secs. 7 and 12
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep.
	Deposit charred stake raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec.
80.00	Set Cedar post 4 in x 4 in x 4½ ft 12 in deep.
	Deposit charred stake raise mound of earth - 2½ ft high from pits 24 in x 24 in - 12 in deep for corner to Secs. 1. 6. 7 and 12
	Surface level upland
	Soil 2d rate

Bet Ranges 23 and 24 W.

chains	
	North-bet Secs. 1 and 6
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep.
	Deposit charred stake raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep. for 1/4 Sec. Cor
50.00	Marsh - East + West - narrow - skirted with timber.
80.00	Set Cedar post. 4 in x 4 in x 4½ ft - 12 in deep - in mound for corner to Secs. 1. 6. 31 & 36 - & Towns 30 and 31. R 23 & 24 from which
	An Oak 20 in dia bears S 47 - W 60 lks. distant
	An Oak 18 in dia bears S 9 W 42 lks. dist
	An Oak 20 in dia bears S 80 W 55 lks. distant
	Surface level
	Soil 2d rate -

Bet. Towns. 30 and 31 N

chains

From the established corner to Townships 30 and 31 N. Ranges 23 and 24 West, I run East on a random line bet said Townships

Variation 18° 40' E

Setting temporary 1/2 mile and mile posts at every 40 and 80 chains and at 6 miles and 1 chain intersect East Boundary of Township at a point 237 lks. South of cor. to Tows. 30 and 31 N. R 22 and 23

My correction will be 1 chain East and 89 1/2 lks. South per mile of my course — S 89° 48' West

Range 23 West, 6th P.M.

chains

From cor to Tows. 30 and 31. R 22 and 23 - I run S 89° 48' West on line bet. Secs. 1 and 36

Variation 18° 40' E

40.00 Set Cedar post 2 in x 8 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner,

80.00 Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit charred stake & raise mound of earth - 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 1. 2. 35 and 36

Surface level.

Soil 2nd rate.

Bet. Townships 38 & 39

chains	
	S 89° 43' West on true line bet Secs. 2 & 35
	Variation 13° 46' East
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit chained stake, raise mound of earth 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 2. 3. 34 and 35
	Surface level
	Soil 2nd rate -

Range 23 West 6th Prin

chains	
	S 89° 43' West on true line bet. Secs. 3 and 34
	Variation 13° 46' E
40.00	Set Cedar post 2 in x 3 in x 4 ft 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep. for 1/4 Sec Cor
80.00	Set Cedar post 4 in x 4 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 3. 4. 33 and 34
	Surface level -
	Soil 2nd rate -

Bet Townships 30 & 31

chains	
	S 89° 43' West on true line bet Secs 4 and 33
	Variation 13° 40' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep.
	Deposit charred stake. raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec Cor
60.00	Dry bed of Creek
80.00	Set Cedar post 4 in x 4 in x 4½ ft - 12 in deep
	Deposit charred stake raise mound of earth - 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Secs 4, 5, 32 and 33
	Surface gently rolling
	Soil 2d rate -

Range 23 West 6th P.M.

chains	
	S 89° 43' West on true line bet Secs 5 and 32
	Variation 13° 40' East
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep
	Deposit charred stake raise mound of earth - 2 ft high from pits 22 in x 22 in, 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4½ ft - 12 in deep
	Deposit charred stake raise mound of earth - 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Sections - 5. 6. 31 and 32
	Surface level upland
	Soil dry clay 2d rate -

Bet Townships 30 and 31 N.

chains	
	S 89° 43' West on true line bet Secs. 6 and 31
6.00	Leave level upland N.E. and S.W.
21.00	Dry sandy bed of stream course N.W.
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor
63.00	Canon 5 chains wide course N.W.
69.00	Canon 4 chains wide N.W.
81.00	Corner to Secs. 1.6.31 and 36 and Townships 30 and 31 N. Ranges 23 and 24 West Surface 1st 6 chs. level Soil 2d rate Bal. rolling + broken Soil 2d rate July 28th

Range 23 West 6th P.M.

chains	
	General Description
	The surface of this Township is generally gently rolling. Soil 2d rate. The northern part is high bottom-land or upland, covered with "Buffalo Grass" The soil is clay, with gravel sub-soil. If irrigated would be good for farming. The western part is gently rolling sand hills. Soil sandy No streams of water but dry beds in the Northern part. A drain with water in holes in Eastern part.

Bet Townships 30 & 31 N Range 24 West 6th P.M.

chains	
	From the established corner to Townships 30 and 31 North, Ranges 23 and 24 West
	I run
	West on a random line bet Said Townships
	Variation 13° 25' E
	Setting temporary ¼ mile and mile posts at every 40 and 80 chains and at 5 mile + 69. Chains, intersect West boundary of Township 30 Guide Meridian West. at a point 24 lks. N. of corner to Township 30 and 31 N. R. 24 & 25 West
	My correction will be ~~4 chains East and~~ 4 lks South per mile and my course will be N 89° 58' East.

chains	
	From the established corner to Townships 30 and 31 N. Ranges 24 and 25 West
	I run
	N 89° 58' East on true line bet. Sec. 6 and 31
	Variation 13° 25' E
29.00	Set Cedar post 2 x 3 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high, from pits 22 in x 22 in, 12 in deep for ¼ Sec. Cor.
69.00	Set Cedar post 4 in x 4 in x 4 ft - 12 in deep. Deposit charred stake. raise mound of earth 2½ ft high from pits 24 in x 24 in, 12 in deep for corner to Sections 5. 6. 31 and 32
	Surface rolling
	Soil sandy Bf. rate

Bet Townships 30 & 31 N

chains	
	N 89° 58' East on true line bet Sec. 5 and 32
	Variation 13° 25' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep Deposit chained stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep. for 1/4 Sec. Cor.
80.00	Set Cedar post 4 in x 4 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Sections 4. 5. 32 and 33
	Surface rolling
	Soil sandy 3 ft rate

Range 24 West 6th Prin. M.

chains	
	N 89° 58' East on true line bet Sec. 4 and 33
	Variation 13° 25' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep. for 1/4 Sec. Cor.
80.00	Set Cedar post 4 in x 4 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 3. 4. 33 and 34
	Surface rolling
	Soil sandy - 3 ft rate

Bet Townships 30 & 31 N

chains	
	N 89° 58' East on true line bet Sec. 3 and 34 Variation 13° 25' E
39,00	Enter. Cedar canon N.E.
40,00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep Deposit chained stake. raise mound of earth 2 ft high from pits 2 ft x 22 in 12 in deep. for 1/4 Section Corner.
42,00	Stream 5 lks wide flows N.E.
45,00	Leave Cedar canon N.E.
80,00	Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep Deposit chained stake raise mound of earth - 2 1/2 ft high from pits - 24 in x 24 ft 12 in deep for corner to Sec. 2. 3. 34. 35 Surface broken soil 2nd rate

Range 24 West 6th P.M.

chains	
	N 89° 58' East on true line bet Sec 2 and 35 Variation 13° 25' E
40,00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep - for 1/4 Sec. Cor.
80,00	Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit chained stake. raise mound of earth - 2 1/2 ft high from pits 24 ft x 24 in 12 in deep - for corner to Sec. 1. 2. 35 & 36 Surface rolling Soil 2nd rate

Bet Townships 30 and 31 N.
Range 24 West

Chains	
	N 89° 58' E on the line bet. Sec. 1 and 36
	Variation 13° 25' E
40.00	Set Cedar post 2 in x 3 in x 4 ft 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner,
75.00	Enter Cañon descends
77.00	Creek 20 lks. wide N.W.
80.00	To corner to Townships 30 and 31 North Ranges 23 and 24 West -

Gen. Description.

The surface of this Township along this line is rolling & broken. Soil 3rd rate -

July 29th

Town. 31 N. bet Ranges 23 & 24 W.

Chains	
	From the established corner to Townships 30 and 31 N. Ranges 23 and 24 West.
	I run North on a true line bet. Sec. 31 and 36
	Variation 13° 50' E
4.50	Creek 20 lks wide, course North
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
	Ravine descends East
53.00	Creek 20 lks. wide N.W.
65.00	Creek 20 lks wide N.E.
81.00	Set Cedar post 4 in x 4 in x 4 1/2 ft. 12 in deep for corner to Sec. 25. 30. 31 and 36 from which
	A Bur Oak 5 in dia bears N 70 W 50 lks. distant
	No other tree near -
	Surface broken
	Soil 3rd rate -

Township 31 North-

chains	
	North bet Secs. 25 & 30
	Variation 13° 50' E
10.00	Creek 20 lks wide East
20.00	Enter upland - E. and West
40.00	Set Cedar post 2 in x 3 in x 4 ft. 12 in deep Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft. 12 in deep. Deposit charred stake raise mound of earth 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 19. 24. 25 and 30 Surface rolling sand hills Soil 3d. rate -

Bet Ranges 23 and 24 W.

chains	
	North bet Secs. 19 & 24
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high. from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
~~49.50~~	~~Spring branch 3 lks wide course East~~
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft 12 in deep. Deposit charred stake, raise mound of earth 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Sections 13. 18. 19. 24 Surface rolling sand hills, soil 3d. rate

Township 31 North-

chains	
	North - bet Sec. 13 and 18
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft. 12 in deep Deposit charred stake. raise mound of earth, 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
49.50	Spring branch 3 lks. wide course E.
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft 12 in deep. Deposit charred stake raise mound of earth - 2 1/2 ft high from pits 24 in x 24 in 12 in deep for Corner to Sections 7. 12. 13. 18.
	Surface rolling sand hills. Soil 3rd. rate.

Bet Ranges 23 and 24 W.

chains	
	North bet Sec. 7 and 12
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high. from pits 22 in x 22 in - 12 in deep, for 1/4 Sections,
80.00	Set Cedar post 4 in x 4 in x 4 ft - 12 in deep Deposit charred stake raise mound of earth - 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Sec. 1. 6. 7 and 12
	Surface rolling sand hills Soil 3rd. rate

Township 31 N. bet Ranges 23, 24

Chains	
	North bet Secs. 1 and 6
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep
	Deposit charred stake. raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft 12 in deep.
	Deposit charred stake raise mound of earth 2 ft high. From pits 24 in x 24 in 12 in deep for corner to Secs. 1, 6, 31 and 36 and Townships 31 and 32 N. Ranges 23 and 24 West.
	Surface rolling sand hills Soil 3d. rate -

Bet Towns. 31 and 32. Range 23 W

Chains	
	From the established corner to Townships 31 and 32 N. Ranges 23 and 24 West.
	I run
	East on a random line bet. said Townships
	Variation 13° 40' E
	Setting 1/2 mile and mile posts (temporary) at every 40 and 80 chains and at 6 miles and 90 lks. intersect East boundary of Township at a point 5 lks. North of corner to Townships ~~30~~ and 31 North and R. 22 and 23 West
	My correction will be 90 lks. East and ~~5/8 lks. South per mile~~ & my course will be; - N 89° 59' West.

Bet. Townships 31 and 32 N

chains	From established corr. to T 31 & 32 N 23 & 24 W 22 & 23
	~~N 89° 59'~~ West on true line bet Secs. 1 and 36
	Variation 13° 40' E
38.00	Enter cañon descends S.E.
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high. from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner -
80.00	Set Cedar post 4 in x 4 in x 4½ ft - 12 in deep. Deposit charred stake. raise mound of earth - 2½ ft high from pits 22 in x 22 in 12 in deep. for corner to Secs. 1. 2. 35 and 36 Surface broken Soil 3d rate -

Range 23 West 6th P. M.

chains	
	~~N 89° 59'~~ West on true line bet. Secs. 2 and 35
	Variation 13° 40' E
10.00	Enter bottom S.E. and N.W.
32.00	Creek course S.E. 40 lks. wide
38.00	Leave bottom S.E. and N.W.
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4½ ft - 12 in deep Deposit charred stake raise mound of earth - 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 3. 4. 33 and 34 Surface broken Soil 3d rate -

Bet Townships 31 and 32 N.

Chains	
	~~N 89° 59'~~ West on true line bet. Secs. 4 and 33
3	Variation 13° 40' E.
4 40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth - 2 ft high from pits 22 in x 22 in - 12 in deep for 1/4 Sec. Corner.
8 60.00	Canon descends N.
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit charred stake, raise mound of earth - 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 4. 5. 32 and 33 Surface broken Soil 3d rate

Betn Ts. 31 & 32 N. Range 23 W 6th P.M.

Chains	
	West on true line betn Secs. 3 & 34. Va. 13° 40' E.
27.00	Cañon descends North
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. deposit charred stake, raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Section Corner
60.00	Set Cedar post 3 in x 3 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth - 2 ft high from pits 2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 3. 4. 33 and 34. Surface rolling Soil 3d rate

Range 23 West

Trans	
	N89°59' West on true line bet. Sec. 5 and 32
	Variation 18°40' E
13.00	Ravine descends N.W.
20.00	Euler Canon N.E.
37.00	Creek 30 lks. wide N.E.
40.00	Set Cedar post 2in x 3in x 4 ft - 12in deep
	Deposit charred stake raise mound of earth 2 ft high
	from pits 2 ft x 22in 12in deep. for 1/4 Sec.
45.10	Leave Canon descends N.E.
50.00	Set Cedar post 4 x 4in x 4 ft - 12in deep.
	Deposit charred stake. raise mound of earth 2 ft high
	from pits 2 4 x 24in 12in deep for corner
	to Sec. 5. 6. 31 and ~~36~~ 32
	Surface broken
	Soil 2° to 3° rate -

Bet Towns 31 and 32 N

N 89° 59' West on true line bet. Secs. 6 and 31
Variation 13° 40' East

40.00 Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 ft high from pits - 2 2 in x 22 in - 12 in deep for 1/4 Sec. Cor.

80.90 To corner to Secs. 1, 6, 31 and 36 and to Townships 31 and 32 N, Ranges 23 and 24 W
Surface rolling.
Soil 3d. rate

July 30th

Range 23 West 6th PM

chains

General Description

The surface of this Township is generally rolling sand hills Soil 3d. rate. Not good for farming, but fine grazing land.
A Creek from 30 to 40 lks. wide intersects S.W. corner and runs near the North line for about 3 miles thence N.E.
This creek is in a cañon, which is ~~in~~ timbered toward the eastern part with pine and oak.

Bet Townships 31 and 32

chains

From the established corner to Townships 31 and 32 N. Ranges 23 + 24 West.
I run West on a random line bet Said Townships
Variation 13° 30' E
Setting temporary ½ mile and mile posts at every 40 and 80 chains and at 5 miles 64 chains and 35 lks intersect N. and S. line at a point 165 lks. South of corner to Townships 31 and 32 N. Ranges 24 and 25 W. on 3" Grade Meridian West

My correction will be 15 chs + 35 lks. East and 2 7/4 lks. N. per mile and my course South 89° 47' East

Range 24 West 6th P.M.

chains

From the established corner to Townships 31 and 32 N. Ranges 24 and 25 West on 3" G.M.W.
I run
S 89° 47' East on true line bet Secs. 6 and 31
Variation 13° 30' E

24.35 ~~40.00~~ Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Section Corner.

64.35 ~~80.00~~ Set Cedar post 4 in x 4 in x 4½ ft 12 in deep. deposit charred stake, raise mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 5, 6, 31 and 32
Surface rolling
Soil 3" rate

Bet Townships 31 and 32 N

Chains	
	~~S 89° 48'~~ S. 89° 47' East on the line bet. Secs 5 and 32
	Variation 13° 30' E
40.00	Set post (Cedar) 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 ft high, from pits 24 in x 22 in - 12 in deep for ¼ Sec Corner.
80.00	Set Cedar post 4 in x 4 in x 4 ft 12 in deep. Deposit chained stake, raise mound of earth - 2½ ft high, from pits 24 in x 24 in 12 in deep. For corner to Secs. 4. 5. 32 and 33
	Surface rolling sand-hills Soil 3rd rate

Range 24 West 6th PM

Chains	
	~~S 89° 48'~~ S. 89° 47' East on the line bet. Secs 4 and 33
	Variation 13° 30' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth - 2 ft high from pits 22 in x 22 in - 12 in deep. for ¼ Sec.
80.00	Set Cedar post 4 in x 4 in x 4½ ft - 12 in deep. Deposit chained stake, raise mound of earth - 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 3. 4. 33 and 34
	Surface rolling sand hills Soil 3rd rate - -

Bet. Townships 31 & 32

chains	
	~~S 89° 48'~~ East on true line bet. Secs. 3 and 34
	Variation 18° 30' E
40.00	Set Cedar post 2 in x 3 in x 4 ft 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor.
80.00	Set Cedar post 4 in x 4 in x 4½ ft high raise mound 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Sections 2. 3. 34 and 35
	Surface rolling sand hills Soil 3d rate

Range 24 West 6th P.M.

chains	
	~~S 89° 48'~~ East on true line bet. Sec. 2 and 35
	Variation 18° 30' E.
40.00	Set Cedar post 2 in x 3 in x 4 ft. 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for ¼ Sec. Cor.
80.00	Set Cedar post 4 in x 4 in x 4½ ft 12 in deep. Deposit chained stake, raise mound of earth 2½ ft high from pits 24 in x 24 in 12 in deep for corner to Sec. 1. 2. 35 and 36
	Surface rolling sand hills. Soil 3d rate.

Bet. Townships 31 and 32 N
Range 24 West

Chains	
	~~S 89° 48'~~ East on true line bet. Secs. 1 and 36
	Variation 13° 30' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep.
	Deposit chained stake raise mound of earth - 2 ft high from pits - 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
80.00	To corner to Townships 31 and 32 North - Ranges 23 and 24 West - and Sections 1. 6. 31 and 36 -
	Surface rolling sand hills
	Soil 3d rate

General Description

The S. part of this T. is rough & broken by sand hills for about 4 miles N. A creek 20 lks. wide enters at the 4th mile on the Guide Mer. and takes N.E. course & leaves Township 1 mile East from N.E. corner. This creek is in deep canon - timbered with Pine. In E 1/2 of Town. 2 miles S of Parallel is a Pine forest - on rolling sand hills

Soil 3d rate
July 31st

Bet Ranges 23 and 24 West

	From established corner to Towns 31 and 32 N. Ranges 23 and 24 West
	Trim
	North on a true line bet. Secs. 31 and 36
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft. 12 in deep.
	Deposit chained stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor.
80.00	Set Cedar post 4 in x 4 in - 12 in deep.
	Deposit chained stake raise mound of earth 2 1/2 ft high from pits 24 in x 24 in - 12 in deep for Corner to Secs. 25 30. 31 and 36
	Surface rolling sand hills
	Soil 3d rate

Township 32 North

chains	
	North bet Sec. 23 & 30
	Variation 13° 50' E
40.00	Set cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake. raise mound of earth 2 ft high from pits 2 ft in x 22 in - 12 in deep for 1/4 Sec. Corner
80.00	Set cedar post 4 in x 4 in x 4 1/2 ft 12 in deep. Deposit chained stake. raise mound of earth 2 1/2 ft high from pits 24 in x 24 in - 12 in deep for corner to Sec. 19. 24. 25 and 30
	Surface rolling sand hills
	Soil 3rd rate

bet Ranges 23 and 24 West

chains	
	North bet Sec. 19 & 24.
	Variation 13° 50' E
40.00	Set cedar post 2 in x 3 in x 4 ft - 12 in deep Deposit chained stake raise mound of earth 2 ft high from pits 2 ft 2 in x 22 in 12 in deep for 1/4 Sec. Cor-
80.00	Set cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit chained stake. raise mound of earth 2 1/2 ft high from pits 24 in x 24 in - 12 in deep for corner to Sec. 18. 18. 19 and 24.
	Surface rolling sand hills
	Soil 3rd rate

Township 32 North-

chains	
	North bet Secs. 13 and 18
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft. 12 in deep, Deposit chained stake. raise mound of earth 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 7. 12. 13 and 18
	Surface rolling sandhills
	Soil 3rd rate.

Bet Ranges 23 and 24 E

	North-bet Secs. 7 and 12
	Variation 13° 50' E
20.00	Enter scattering timber (Pine) S.E. and S.W.
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep Deposit chained stake raise mound of earth 2 1/2 ft high. from pits 24 in x 24 in - 12 in deep for corner to Secs. 1. 6. 7 and 12
	Surface rolling sandhills
	Soil 3rd rate.

Township 32 North-

chains	
	North bet. Secs. 1 and 6
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 2 ft in x 22 in - 12 in deep for 1/4 Section corner from which
	A Pine 15 in dia bears S 30° W 100 lks. distant
45.00	Leave scattering timber N.W. and S.E.
80.00	Intersect 8th Standard Parallel North at a point 720 lks. East of 1/4 Sec. Corner on South side of Sec. 31 Town. 33 N. Ranges 23 & 24 West and set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep, Deposit chained stake raise mound of earth - 2 1/2 ft high from pits 24 in x 24 in - 12 in deep for Closing corner to Townships 32 and 33 N. Rs. 23 & 24 West surface rolling, soil 3" rate - timber Pine -

Bet Ranges 23 and 24 West

General Description

The surface along this line is rolling sand hills - soil 3" rate. Some scattering Pine timber near the North part -

Town. 32 Range 23 is generally rolling sand hills. The S.E. part is broken by a deep canon and creek - Scattering Pine timber in N.W. part. -

August 1st

262a

262b

List of Names.

A list of the names of the individuals who were employed to assist in running measuring or marking the lines and corners described in the foregoing field notes of the "Exterior Boundaries" of Townships 29. 30. 31 and 32 N. of Ranges 21. 22. 23 and 24 West of the 6th Prin. Meridian.

~~Joseph Patros~~ } Chainmen
~~Emile French~~ }

~~Henry Johnson~~ } Monumen
~~C. H. Brown~~ } ~~Axmen~~ & Flagmen

Frank Crowell } Chainmen
O. F. Pinkham }
Esau Belden } Monumen
John Fox } Axmen & Flagmen

We hereby certify that we assisted Fred A. McClure Deputy Surveyor in surveying the Exterior boundaries of Townships 29. 30. 31 and 32 N. of the base line of Ranges 21. 22. 23 and 24 West of 6th P.M. 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 of the Surveyor General and of dimensions, character, construction and marking and in the manner as specifically described in the foregoing field-notes.

Frank Crowell } Chainmen
O. F. Pinkham }

Esaro Beldin } Monument Axmen
John Fox } Flagmen

Subscribed by the above named persons and sworn to before me as Notary Public for Holt County State of Nebraska this 29, day of August 1874.

John T. Prouty
Notary Public

I Fred A McClure, deputy Surveyor, do solemnly swear that in pursuance of a joint contract wherein Chauncey Wiltse, Henry Court and Fred A. McClure are joint contractors with E. E. Cunningham, Surveyor General for the District of Nebraska and Iowa. bearing date the 2d day of July, 1874. that I have well faithfully and truly, in my own proper person. and in strict conformity to the instructions furnished by the Surveyor General. the Surveying Manual and the laws of the United States surveyed the Exterior boundaries of Townships No 29. 30. 31 and 32 N. of base line. Ranges 21. 22. 23 and 24 West of 6th P.M. 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, printed instructions and Special instructions of the Surveyor General of dimension, character, condition and making and in the manner as specifically described in the foregoing field notes and that the foregoing are the true and original field notes of such survey.

Fred A. McClure
Deputy Surveyor

Subscribed and sworn to by said Fred A. McClure - Deputy Surveyor - before me as Notary Public for Holt County State of Nebraska this 29, day of August 1874

John T. Prezety
Notary Public

Surveyor General's Office
Washington November 30th 1874

The foregoing field notes of the Survey ~~and Subdivision~~ of the Exterior Township lines of Townships 29, 30, 31, & 32, North of the Base Line of Ranges No 21, 22, 23 & 24 West of the 6th P. M. in Nebraska Executed by Fred A. McClure under joint Contract No 79, dated July 2nd 1874. Wherein Chauncey Wilton Henry Court and Fred A. McClure are joint contractors in the months of July & August 1874 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

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262½ to ft 359

Three begin at
page 195 & copy
to ft of page
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Township Lines

Survey of the Exterior Boundary Lines of Townships 29. 30. 31 and 32 North of the Base Line — Ranges 21. 22. 23 and 24 West of the 6th Principal Meridian in the State of Nebraska.

Executed by Fred. A McClure deputy Surveyor, under joint Contract wherein Chauncey Wiltse Henry Court and Fred A McClure are joint Contractors

Survey Commenced July 18th 1874

Entire Survey Completed August 1st 1874

Township 29 N. Range 21 West

Names of Assistants

Names of those employed to assist in surveying the Exterior Boundary lines of these Townships

W. F. Pinkham } Chainmen
Frank Crowell }
Esau Belden } ax, flag and
John Fox } Moundmen

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

Township 29 N Bet Ranges 21 & 22

chains

From the established Township Corner on the 7th Standard Parallel North established for corner to Townships 29 North, Ranges 21 and 22 West, Iran North on a true line between Sections 31 and 36

Variation 13° 40' E

38.00 Leave Rolling Sand Hills for level valley N.W. and S.E.

40.00 Set a Willow post 2 in x 3 in x 4 ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep, for 1/4 Section Corner

80.00 Set a Willow post 4 in x 4 in x 4 1/2 ft long, 12 in deep, deposit Charred Stake, raise Mound of earth 2 1/2 ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 25. 30. 31 & 36

Surface of South 1/2 rolling Sandy 3d rate North 1/2 level soil 2d rate.

Township 29 N. Between

Chains	
	North between Sections 25 & 30 variation 13° 40' East
11.00	Leave level valley for rolling sand Hills N.W. and S.E.
40.00	Set a Willow post 2 in x 3 in x 4 ft long, 12 in deep, deposit Charred stake, raise Mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Willow post 4 in x 4 in x 4½ ft. long, 12 in deep, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 19, 24, 25 & 30
	Surface of valley level soil 2d rate.
	Surface of upland rolling soil sandy 3d rate.

Ranges 21 East 22 West 6 P.M.

Chain	
	North Between Sections 19 and 24 variation 13° 40' East
17.00	Leave Rolling sandy land and enter level valley N.W. S.E.
40.00	Set a Willow post 2 in x 3 in x 4 ft. long, 12 in deep, deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Willow post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred Stake, raise mound of earth 2½ ft high from pits 12 in deep for Corner to Sections 13, 18, 19 and 24.
	Surface Gently rolling soil varies from 2d to 3d rate.

Township 29 N. Between Ranges 21 and 22 W of 6th P. M.

Chains	North Between Sections 13 and 18
17.00	Enter valley Variation 13° 40' East N.W. & S.E.
30.00	Leave valley for rolling sandy land N.W. and S.E.
40.00	Set a Willow post 2 in x 3 in x 4 ft long, 12 in deep, deposit charred stake raise mound 2 ft high from pits 22 in x 22 in x 12 in deep for ¼ Section Corner
70.00	Leave Rolling for level land East & West
80.00	Set a Willow post 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred stake, raise mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 7, 12 13 & 18
	Upland rolling soil sandy & Surface of valley level, Soil 2d rate

Chains	North Between Sections 7 and 12
	Variation 13° 40' East
10.00	Leave level for rolling upland
40.00	Set a Willow post 2 in x 3 in x 4 ft long, 12 in deep, deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for ¼ Section Corner
80.00	Set a Willow post 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred stake, raise mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 1, 6, 7 and 12
	Surface of valley level, Soil 2d rate.
	Surface of upland rolling, Soil 3d rate.

Township 29 N. Between Ranges 21 and 22 West of 6th P. M.

Chains	
	North Between Sections 1 and 6
	Variation 13° 40 East.
40.00	Set a Willow post 2 in x 3 in x 4 ft long, 12 in deep, raised mound of earth 2 ft high from pits 22 in x 2 in x 12 in deep for ¼ Section Corner (deposit charred stake)
80.00	Set a Willow post 4 in x 4 in x 4½ ft high, 12 in deep raise mound of 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Townships 29 and 30 North, Ranges 21 & 22 West and Sections 1. 6. 31 & 36. (deposit charred stake)
	Surface Gently rolling Soil 2d rate.

Chains	
	From the established Corner to Townships 29 & 30 North, Ranges 21 & 22 W. I run East on a random line between said Townships
	Variation 13° 40
	setting ½ mile and mile Corners at every 40 and 80 Chains and at 5 miles 76 Chains and 32 links intersected the east boundary of the township ~~120~~ 119 links North of the Corner to Townships 29 & 30 N Ranges 20 & 21 West.
	My correction will therefore be 348 links west and ~~20~~ 19 links south per mile and the course will be.
	N 89° 52 W.

Between Townships 29 and 30 North, Range 21 West of 6th P.M.

Chains	
	From the established corner to Townships 29 and 30 North Ranges 20 and 21 West Run N 89° 52' W. on true line between Sections 1 & 36
	Variation 13° 40' E.
40.00	Set a Willow post 2 in x 3 in x 4 ft. long, 12 in deep, deposit Charred stake, raise Mound of earth 2 ft. high from pits 22 in x 22 in x 12 in deep for ¼ section Corner
80.00	Set a Willow post 4 in x 4 in x 4½ ft. long 12 in deep, deposit Charred stake, raise mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to sections 1. 2. 35 and 36.
	Surface rolling.
	Soil sandy 3d rate.

Chains	
	N 89° 52 W. on true line between Sections 2 & 35
	Variation 13° 40 E.
40.00	Set a Willow post 2 in x 3 in 4 ft. long, 12 in deep, deposit Charred stake, raise mound of earth 2 ft. high, from pits 22 in x 22 in x 12 in deep for ¼ section Corner
80.00	Set a Willow post 4 in x 4 in 4½ ft long, 12 in deep, deposit Charred stake, raise mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 2. 3. 34 and 35.
	Surface rolling
	Soil Sandy 3d rate.

Between Townships 29 & 30

Chains	
	N 89° 52' W. on a true line Between Sections 3 and 34 Variation 13° 40' E.
40.00	Set a Willow Post 2 in x 3 in x 4 in long, 12 in deep, deposit Charred stake, raise mound of earth 2 ft high, from pits 22 in x 22 in x 12 in deep for ¼ Section Corner
80.00	Set a Willow post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred stake raise mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 3, 4, 33 and 34
	Surface Gently rolling, Soil Sandy, 3d rate.

Betn Ts. 29 & 30 N. Range 21 W. 4th P.M.

Chains	
	N. 89° 52' W on true line betn Sections 4 & 33. Va. 13° 40' E.
37.00	Drain descends North
40.00	set a Willow post 2 in x 3 in x 4 ft long, 12 in deep, deposit Charred stake, raise Mound of earth 2 ft high from pits 22 x 22 x 12 in deep for ¼ section Corner
80.00	Set a Willow post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred stake, raise Mound of earth from pits 24 in x 24 in x 12 in deep for corner to Sections 4, 5, 32 and 33
	Surface Gently rolling soil sandy 3d rate

30 North, Range 21 W. of 6th P.M.

Chains	
	N 89° 32' W on a true line Between Sections 5 & 32 Variation 13° 40 East
37.00	Bed of Stream now dry departs North.
40.00	Set a Willow post 2 in x 3 in x 4 ft long 12 in deep. deposit Charred stake raise mound of earth 2 ft high. from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner.
80.00	Set a Willow post 4 in x 4 in 4½ ft. long 12 in deep. deposit Charred Stake raise Mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep for Corner to Sections 5. 6. 31 & 32.
	Surface Gently rolling Soil 3d. rate

Between Townships 29 & 30

Chains	
	N 89 32' W. on a True Line Between Sections 6 & 31 Variation 13° 40' East
40.00	Set a Willow post 2 in x 3 in x 4 ft long, 12 in deep, deposit Charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for ¼ Section Corner
76.52	To the Corner to Townships 29 & 30 Ranges 21 & 22 West Surface Gently rolling Soil 2d rate. July 18th 1874

General Description.
The surface of this Township contains sand ridges the soil of which is 3d rate and level valleys 2d rate soil contains good grass for grazing.

North. Range 21 W. of 1st P. M.

Chains	
	From the Corner to Townships 29 and 30 North, Ranges 21 & 22 West I run North on true line between Sections 31 & 36 Variation 13° 50' E.
40.00	Set a Willow post 2 in x 3 in x 4 ft long 12 in deep, deposit Charred Stake, raise mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for ¼ Section Corner
80.00	Set a Willow Post 4 in x 4 in x 4½ ft long 12 in deep, deposit Charred Stake, raise Mound of earth 2½ ft high from pits 24 in x 22 in x 12 in deep for Corner to Section 25. 30. 31 & 36. Surface Gently rolling. Soil 2d rate.

Township 30 N. Between

Chains	
	North Between Sections 25 and 30.
	Variation 13° 50' E.
40.00	Set a Willow post 2 in x 3 in x 4 ft long, 12 in deep, deposit Charred stake, raise mound of earth 4 ft long from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Willow post 4 in x 4 in 4½ ft long, deposit Charred stake, raise mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for corner to Sections 19, 24, 25 & 30 Surface Gently rolling Soil 2d rate.

Ranges 21 and 22 West of 6th P. M.

Chains	
	North Between Sections 19 and 24
	Variation 13° 50' E.
40.00	Set a Willow post 2 in x 3 in x 4 ft long, 12 in deep, deposit Charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Willow post 4 in x 4 in x 4½ ft long, 12 in deep, deposit Charred stake, raise mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for corner to Sections 13, 18, 19 & 24 Surface level. Soil 2d rate

Township 30 North Between

Chains	
	North Between Sections 13 and 18
	Variation 13° 50 E.
36.00	Drain descends N. W.
40.00	Set a Willow post 2 in x 3 in x 4 ft. long. deposit charred stake raise Mound of earth 2 ft. high, from pits 22 in x 22 in 12 in deep for 1/4 Section Corner
80.00	Set a Willow post 4 in x 4 in x 4½ ft. long. 12 in deep, deposit charred stake. raise mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep for Corner to Sections 7. 12. 13 and 18
	Surface Gently rolling
	Soil 2d rate.

Ranges 21 and 22 West of 6th P. M.

Chains	
	North Between Sections 7 and 12
	Variation 13° 50' East.
40.00	Set a Willow post 2 in x 3 in x 4 ft. long. Deposit charred stake raise mound of earth 2 ft high, from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
58.00	Stream 12 lks wide runs North East
58.50	Same Stream 12 links wide runs South West
63.00	Same Stream 12 links wide runs South East
80.00	Set a Willow post 4 in x ~~4 in~~ x 4½ ft. long 12 in deep. deposit charred stake raise mound 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 1. 6. 7 and 12.
	Surface gently rolling
	Soil 2d rate.

Township 30 North. Between

Chains	
	North Between Sections 1 and 6.
	Variation 13° 50 E.
40.00	Set a Willow post 2 in x 3 in x 4 ft. long 12 in deep, deposit Charred stake. Raise mound of earth 2 ft. high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Willow post 4 in x 4 in 4 1/2 ft. long, 12 in deep, deposit Charred stake, raise Mound of earth 2 1/2 ft. high from pits 24 in x 24 in x 12 in deep for corner to sections 1. 6. 31 & 36 and Townships 30 & 31 North Ranges 21 & 22 West. Surface Gently rolling. Soil good 2d rate.

Ranges 21 and 22 West. of 6th P.M.

Chains	
	From the Corner to townships 30 & 31 North Ranges 21 and 22 West I run East on a Random Line between said Townships.
	Variation 13° 20 E.
	I set temporary half Mile and Mile corners at every 40 and 80 chains and at 5 miles 78 chains and 85 links I intersect the East Boundary of the Township 10.8 links North of post corner to Townships 30 & 31 North Ranges 20 & 21 W.
	The Correction will therefore be 115 links West and 18 links South per mile. And the Course will be N 89° 52' W.

Between Township 30 and 31 North

Chains	
	From the established Corner to Townships 30 & 31 North Ranges 20 & 21 West Drun, N 89° 02' W. ~~North 89~~ Between Sections 1 & 36 Variation 13° 20' E.
40.00	Set a Willow post 2 in x 3 in 4 ft long 12 in deep. Deposit Charred Stake, raise mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Willow post 4 in x 4 in x 4½ ft long 12 in deep. Deposit Charred Stake, raise mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 1. 2. 35 & 36
	Surface rolling
	Soil Sandy 3d rate

Range 21 West of 6th P. M.

Chains	
	N 89 52' W. on true line between Sections 2 and 35 Variation 13° 20' E.
40.00	Set a Willow post 2 in x 3 in x 4 ft long 12 in deep. Deposit Charred stake raise Mound of earth 2½ ft high from pits 22 in x 22 in x 12 in deep for ¼ Section Corner
80.00	Set a Willow post 4 in x 4 in 4½ ft long. Deposit Charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 2. 3. 34 & 35
	Surface Gently rolling
	Soil 2d rate.

Between Townships 30 & 31 North Range 21 West of 6th P. M.

Chains	
	N 89° 52' W. on a true line Between Sections 3 and 34 V. 13° 20' East
40.00	Set a Willow post 2 in x 3 in x 4 ft long, 12 in deep. Deposit Charred Stake, raise Mound of earth 2 ft high, from pits 22 in x 22 in x 12 in deep, for 1/4 Section Corner
77.00	Stream 15 links wide runs North East Skirted with Willows & Bur Oak
80.00	Set a Bur Oak post 4 in x 4 in x 12 in deep. from which a Bur Oak 12 S 53½ E 160 lks dist a Bur Oak 14 S 43½ W 170 " " Surface rolling. Soil sandy 3d rate.

Chains	
	N 89° 52' W. on a true line Between Sections 4 and 33. Variation 13° 20' E.
34.00	Drain descends north
37.00	Drain descends North
40.00	Set a Willow post 2 in x 3 in x 4 ft long, 12 in deep. Deposit Charred stake raise Mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
71.00	Drain descend North
80.00	Set a Willow post 4 in x 4 in x 4½ ft long, 12 in deep. Deposit Charred stake, raise Mound of earth 2½ ft. high from pits 24 in 24 in x 12 in deep for Corner to Sections 4. 5. 32 & 33 Surface rolling. Soil 3d rate

Between Townships 30 & 31

Chains	
	N. 89° 32' W. on a true line Between Sections 5 & 32 Variation 13° 20' E.
9.00	A Drain descends N.E.
40.00	Set a Willow post 2 in x 3 in x 4 ft long. 12 in deep. Deposit Charred stake. raise Mound of earth 2 ft high. from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
54.00	Drain descends North
68.00	Drain descends N.E.
72.00	Drain descends North
77.00	Drain descends North
80.00	Set a Willow post 4 in x 4 in x 4 1/2 ft long, deposit charred stake, raise Mound of earth 2 1/2 ft high, from pits 24 in x 24 in x 12 in deep for Corner to sections 5. 6 31 & 32
	Surface rolling. Soil 3d rate.

North, Range 21 West of 6th P.M.

Chains	
	N 89° 32' W. on a true line Between Section 6 and 31 Variation 13° 20' E.
40.00	Set a Willow post 2 in x 3 in x 4 ft long. 12 in deep. Deposit Charred Stake raise Mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
40.00	Drain descends North
52.00	Drain descends North
72.00	Drain descends. North
75.00	Drain descends North
78.85	To the Corner to Township 30 & 31 N Ranges 21 & 22 West

Surface rolling soil E 1/2 sandy 3d W 1/2 2d rate

July 19th 1874

General Description.

The surface of this Township is Gently rolling, soil varies from 2d to 3d rate

It is watered by a spring brook 12 links wide which runs West Easterly through the township.

Township 31 North Range 21 Between

Chains	
	From the established corner to Township 30 & 31 North Ranges 21 and 22 West. Run North on a true line Between Sections 31 & 36
	Variation 13° 50' E.
40.00	Set a Cedar post 2 in x 3 in 4 ft long, 12 in deep. Deposit Charred stake, raise mound of earth 2 ft high from pits 22 in x 22 x 12 in deep for ¼ Section Corner
48.00	Range Descends N. E.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep, Deposit Charred stake, raise mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 25, 30, 31 & 36
	Surface rolling Soil 2d rate

Ranges 21 and 22 West

Chains	
	North Between Sections 25 and 30
	Variation 13° 50' E.
40.00	Set a Cedar 2 in x 3 in x 4 ft long 12 in deep. Deposit Charred Stake, raise mound of earth 2 ft high, from pits 22 in 22 in x 12 in deep for ¼ Section Corner.
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. long 12 in deep. Deposit Charred stake, raise Mound of earth 2½ ft high, from pits 24 in x 24 in x 12 in deep for Corner to Sections 19 24, 25 and 30
	Surface rolling soil 2d rate.

Township 31 North, Between

Chains	North Between Sections 19 and 24 Variation 13° 50' E.
3.50	Enter bed of Stream, now dry, descends East
28.00	Narrow descends East.
40.00	Set a Cedar post 2 in x 3 in x 4 ft. long 12 in deep. Deposit Charred stake, raise Mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in 4½ ft long, 12 in deep. Deposit Charred stake, raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for corner to Sections 13, 18, 19 & 24

Surface Broken
Soil 3d rate

Ranges 21 and 22 W. 6th P.M.

Chains	North Between Sections 13 and 18 Variation 13° 50' E
12.00	A Drain descends East
40.00	Set a Cedar post 2 in x 3 in x 4 ft. long, 12 in deep. Deposit Charred stake raise Mound of earth 2 ft high from pits 22 in x 22 x 12 in deep for 1/4 Section Corner
52.00	A Drain descends N.E.
62.00	A Drain descends S.E.
80.00	Set a Cedar post 4 in x 4 in 4½ ft long, 12 in deep. Deposit Charred stake, raise Mound of earth 2½ ft high from pits 24 in 24 in x 12 in deep for corner to Sections 7, 12 13, and 18

Surface Gently rolling
Soil 2d rate

Township 31 N. Between

Chains	
	North Between Sections ~~13~~ 7 and ~~18~~ 12
	Variation 13° 30 E
40.00	Set a Cedar post 2 in x 3 in x 4 ft long, 12 in deep. deposit Charred stake, raise Mound of earth 2 ft high from pits 22 in x 22 x 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long. 12 in deep. Deposit Charred stake, raise Mound of earth 2½ ft high from pits 24 in 24 in x 12 in deep for corner to sections 1. 6. 7 & 12
	Gently rolling
	Soil 2d rate.

Ranges 21 and 22 West of 6th P.M.

Chains	
	North Between Sections 1 and 6.
	Variation 13° 30 E.
40.00	Set Cedar post 2 in x 3 in x 4 ft long, 12 in deep. Deposit Charred Stake, raise Mound of Earth, 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in 4½ ft long. 12 in deep, deposit charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Townships 31 & 32 North Ranges 21 & 22 West and also Sections 1. 6. 31 and 36.
	Surface Gently rolling
	Soil good 2d rate

Between Township 31 & 32

Chains

From the Corner to Townships 31 & 32 North, Ranges 21 & 22 West. I run East on a Random Line Between said Townships

Variation 13° 25' E

I set half Mile and mile posts at every 40 and 80 Chains and at 5 miles. 78 Chains and 34 links Intersected the East Boundary of Township 40 links North of the Corner to Townships 31 & 32 North, Ranges 20 and 21 West.

my Correction will therefore be 166 links West and 6⅔ South per mile and the Course will be

N 89° 57 W.

North, Range 21 West of G. P. M.

Chains

From the Corner to Townships 31 and 32 North, Ranges 20 & 21 West I run

N 89° 57' W. on a true line Between Sections 1 & 36

Variation 13° 25' East

40.00 Set a Cedar post 2 in × 3 in × 4 ft. long, 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in × 22 in × 12 in deep for ¼ Section Corner

80.00 Set a Cedar post 4 in × 4 in × 4½ ft long, 12 in deep. deposit charred stake, raise mound of earth 2½ ft high from pits 24 in × 24 in × 12 in deep for corner to Sections 1. 2. 35 and 36.

Surface rolling.
Soil sandy 3rd rate.

Between Townships 31 & 32

Chains	
	N. 89° 57' W. on a true line Between Sections 2 & 35 Variation 13° 25' E.
40.00	Set a Cedar post 2 in x 3 in x 4 ft. 12 in deep. Deposit charred stake, raised Mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep. Deposit Charred stake. raise mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 2. 3. 34 & 35 Surface rolling. Soil 3d rate

North, Range 21 West of 6th P.M.

Chains	
	N 89° 57' W. on a true line Between Sections 3 & 34 Variation 13° 25' East
40.00	Set a Cedar post, 2 in x 3 in x 4½ ft long 12 in deep, deposit charred stake, raise mound of earth 2 ft high, from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long, 12 in deep, deposit charred stake raise mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep for Corner to sections 3. 4. 33 & 34. Surface rolling. Soil 3d rate.

Between Townships 31 & 32 North

Chains	
	N 89 57 W. on a true line
	Between Sections 4 and 33
	Variation 13° 25' E.
40.00	Set a Cedar post 2 in x 3 in x 4 ft long, 12 in deep, deposited charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4 1/2 ft long, 12 in deep. Deposit charred stake, raise Mound of earth 4 1/2 ft high from pits 24 in x 24 in x 12 in deep for corner to sections 4, 5, 32 & 33
	Gently rolling.
	Soil 2d rate

Range 21 West of 6th P. M.

Chains	
	N. 89° 57' W. on a true line
	Between Sections 5 & 32
	Variation 13° 25' East
40.00	Set a Cedar post 2 in x 3 in x 4 ft. long, 12 in deep. Deposit charred stake, raise mound of earth 2 ft high, from pits 24 in x 24 in x 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4 1/2 ft long, 12 in deep. Deposit charred stake, raise mound of earth 2 1/2 ft high, from pits 24 in x 24 in x 12 in deep for Corner to sections 5, 6, 31 & 32.
	Surface Gently Rolling
	Soil 2d rate

Between Townships 31 & 32 North

Chains	
	N 89° 57' W. on a true line between Sections 6 & 31
	Variation 13° 25' E.
40.00	Set a Cedar post 2 in x 3 in x 4 ft long 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner.
78.34	To the Corner to Townships 31 & 32 North Ranges 21 & 22 West. Surface Gently rolling. Soil 2d. rate
	July 20th 1874

General Description

The surface of this Township is both rolling & Broken by the the branch of Long Pine Creek. This stream runs North Easterly the Township and is spotted with a heavy growth of Pine timber.

Ranges 21 West. of 6th P.M.

Chains	
	From the Corner to Township 31 & 32 N. Ranges 21 & 22 W. I North on a true line between Section 31 & 36
	Variation 13° 50 East
40.00	Set a Cedar post 2 in x 3 in x 4 ft long, 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in 4½ ft long, 12 in deep. Deposit charred stake, raise mound of earth 2 1/2 ft high from pits 24 in x 24 in x 12 in deep for corner to Sections 25. 30. 31 & 36 Surface rolling. Soil 2d rate.

Township 32 North, Between

Chains	
	North on a true line between Sections 25 & 30
	Variation 13° 30' E.
40.00	Set a Cedar post 2 in x 3 in 4 ft long, 12 in deep. Deposit charred stake, raise Mound of earth 2 ft high, from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in 4 1/2 ft long, 12 in deep. Deposit charred stake, raise Mound of earth 2 1/2 ft high, from pits 24 in 24 in x 12 in deep for Corner to Sections 19, 24, 25 & 30. Surface Gently rolling. soil 2d rate

Ranges 21 and 22, West of 6th P.M.

Chains	
	North on a true line between Sections 19 & 24
	Variation 13° 50' E.
40.00	Set a Cedar post 2 in x 3 in 4 ft high, 12 in deep. Deposit charred stake, raise Mound of earth 2 ft high, from pits 22 in x 22 in x 12 in deep for 1/4 Section Corner
80.00	Set a Cedar post 4 in x 4 in x 4 1/2 ft long, 12 in deep. Deposit charred stake, raise mound of earth 2 1/2 ft high from pits 24 in x 24 in 12 in deep for corner to Sections 13, 18, 19 & 24. Surface Gently rolling soil 2d rate

Township 32 North, Between

Chains	
	North on a true line Between Sections 13 & 18 Variation 13° 50' E
15.00	Enter timber bears N E & S W
18.00	Center with stream 2 links wide in bottom runs N.E.
22.00	Leave Center N.E.
40.00	Set a Cedar post 2 in x 3 in 4 ft long 12 in deep From which a Bur Oak 5 in dia S 60° E 18 lks a Bur Oak 7 N 82 W 25 lks dist
55.00	Enter Bottom bears E & W.
68.00	Leave timber bears E & W
80.00	Set a Cedar post 4 in x 4 in x 4½ ft. 12 in deep, deposit charred stake, raise Mound of earth 2½ ft. high from pits 24 in x 24 in x 12 in deep for corner to sections 7, 12, 13 & 18
	Surface of upland rolling Surface of bottom level Soil 2d rate

Ranges 21 and 22 W. of 6th P. M.

Chains	
	North on a true line Between Sections 7 & 12 Variation 13° 50' E.
5.50	Niobrara River and set a Cedar post 3 in x 3 in x 4 ft long 12 in deep. Deposit charred stake raise Mound of earth 2 ft high from pits 22 in x 22 in 16 in deep for Meander Cor to fractional sections 7 & 12
15.00	Measured over the river with a chain and on North Bank of River set a cedar post 3 in x 3 in x 4 ft long 12 in deep Deposit charred stake raise mound of earth 2 ft. high from pits 22 in 22 in x 16 in deep for Meander Corner to fractional Sections 7 & 12
30.00	Leave Bottom bears East and West
40.00	Set a Cedar post 2 in x 3 in 4 ft long, 12 in deep, deposit Charred stake, raise Mound of earth 2 ft high, from pits 22 in x 22 in x 12 in deep for ¼ Section Corner

Township 32 North, Between

Chains	
	Line between Sec. 7 & 12 Continued.
49.00	Ravine descends East
80.00	Set a Cedar post 4 in x 4 in x 4½ ft long 12 in deep. Deposit charred stake raise Mound of earth 2½ ft high from pits 24 in x 24 in x 12 in deep for Corner to Sections 1. 6. 7 & 12 Surface of upland rolling. Surface of bottom level soil 2d rate

Ranges 21 and 22 West of 6th P.M.

Chains	
	North on a true line Between Sections 1 and 6 Variation 13° 50' E
8.00	Ravine skirted with timber descends South East
15.00	Ravine skirted with timber descends South East
35.00	Ravine skirted with timber descends South East
36.00	Cottonwood 48 in dia (marked)
40.00	Set a Cedar post 2 in x 3 in x 4 ft long, 12 in deep. Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in x 12 in deep for 1/4 section Corner. From which a Pine 9 in dia bears N 80 W 60 lks
50.00	Ravine skirted with timber descends S.W.
77.95	Intersect the 8th Standard parallel 825 lks East of 1/4 section Corner on the south side of 31 T. 33 R. 21 W. Set a Cedar post 3 x in x 3 in x 4 ft ~~high~~ long 12 in deep, deposit charred stake raise mound of earth 2 ft high from

Township 32 N. Bet. Ranges 21 & 22 West.

Line bet 1 & 6 continued
pits 22 in x 22 in x 12 in deep
for closing corner to Secs
1 & 6 T 32 R 21 & 22 W
Surface Broken
Soil 3d rate
Timber Pine, Cedar &
Cottonwood.

July 21st

General Description.
The Niobrara river runs
thru the township from
West to East.
There are a number of
deep ravines and Canons
all skirted with a heavy
growth of Pine and
Cedar.
The bottom land along
the river is good 2d
rate and well adapted
to agriculture.

Township 29 N. Bet Ranges 22 & 23 West

Chains	
	From the established corner to Townships 29 Ranges 22 & 23 on 7th Standard Parallel North. I run North bet Secs. 31 & 36 Variation 18° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft 12 in deep. Deposit chained stake, raise mound of earth 2 ft high. from pits 22 in x 22 in 12 in deep for 1/4 Section Corner.
80.00	Set Cedar post. 4 in x 4 in x 4 1/2 ft by 12 in deep Deposit chained stake, raise mound of earth 2 ft high. from pits 24 in x 24 in 12 in deep for Corner to Secs. 25. 30. 31 and 36. Surface gently rolling Soil 2d rate.

Township 29 N. Bet Ranges 22 & 23

Chains	
	North-bet Sec. 25 & 30
	Variation 13° 50' E
40.00	Set Cedar post 2in x 3in x 4 ft - 12in deep. Deposit Charred stake raise mound of earth 2 ft high from pits 22in x 22in 12in deep for 1/4 Sec. Corner.
80.00	Set Cedar post. 4in x 4in x 4 1/2 ft. 12in deep. Deposit Charred stake, raise mound of earth 24in x 24in 12in deep for Corner to Sec. 19.24.25 and 30
	Surface rolling
	Soil 2nd rate.

Township 29 N. Bet Ranges 22 & 23

Chains	
	North bet Sec. 19 & 24
	Variation 13° 50' E
40.00	Set Cedar post. 2in x 3in x 4 ft - 12in deep. Deposit Charred stake raise mound of earth 2 ft high from pits 22in x 22in 12in deep for 1/4 Sec. Corner.
80.00	Set Cedar post. 4in x 4in x 4 1/2 ft - 12in deep. Deposit Charred stake, raise mound of earth 2 ft high from pits 24in x 24in 12in deep for Corner to Sec. 13.18, 19 and 24
	Surface rolling
	Soil 2nd rate -

Township 29 N. Bet Ranges 22 and 23 W

chains	
	North - bet Sec. 13 and 18
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit charred stake raise mound of earth - 2 ft high from pits 24 in x 24 in 12 in deep for corner to Sec. 7. 12. 13 and 18 Surface gently rolling Soil 2d rate -

Township 29 N. Bet Ranges 22 and 23 W

chains	
	North - bet. Sec. 7 and 12
	Variation 13° 50' E
40.00	Set Cedar post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner -
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit charred stake raise mound of earth - 2 ft high from pits 24 in x 24 in 12 in deep for corner to Sec. 1. 6. 7 and 12 Surface gently rolling Soil 2d rate -

Township 29 N. Bet. Ranges 22 and 23

chains	
	North bet. Secs. 1 and 6
	Variation 13°50' E
40.00	Set Cedar post, 2 in x 3 in x 4 ft. 12 in deep. Deposit charred stake, raise mound of earth 2 ft high, from pits 22 in x 22 in 12 in deep for Cedar
50.00	Enter Bottom N.E. and S.W.
80.00	Set Cedar post 4 in x 4 in x 4½ ft. 12 in deep. Deposit charred stake, raise mound of earth 2 ft high, from pits 22 in x 22 in 12 in deep for corner to Townships 29 and 30 N. Ranges 22 and 23 West and Sections 1, 6, 31 and 36. Surface rolling. Soil 3d rate. Bottom level. Soil 2d rate

Bet Townships 29 and 30 N. Range 22 W.

chains	
	From the established corner to Townships 29 and 30 North Ranges 22 and 23 West I run East on a random line bet. said Townships.
	Variation 13°50' E
	Setting temporary ½ mile and mile posts at every 40 and 80 chains, and at 5 miles 79 chains and 50 links, intersected the East Boundary of Township 250 lks. South of the corner to Townships 29 and 30 N. Ranges 22 and ~~23~~ West. My correction will therefore be ~~[illegible]~~ and 50 lks. West and 42 lks. North per mile & my course will be S 89° 42' West

Bet Townships 29 and 30 N. R 22 W.

chains	
	From the established corner to Townships 29 and 30 N. Ranges 21 and 22 W. I run S 89° 42' West on true line bet. Sec. 1 and 36
	Variation 13° 50' E
40.00	Set Cedar post. 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high
	from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep. For corner to Sec. 1. 2. 35 and 36
	Surface gently rolling Soil 2nd rate

Bet Townships 29 and 30 N. R 22 W.

chains	
	S 89° 42' West on true line bet. Sec. 2 and 35
	Variation 13° 50' E
40.00	Set Cedar post. 2 in x 3 in x 4 ft - 12 in deep Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep. for 1/4 Sec. Cor.
80.00	Set Cedar post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for Corner to Sec. 2. 3. 34 and 35
	Surface gently rolling Soil 2nd rate

Bet. Townships 29 & 30 N. Range 22 W.

chains	
	S 89° 42' West on true line bet. Secs. 3 & 34 Variation 13° 50' E
40.00	Set Cedar post. 2 in × 3 in × 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high. from pits 22 in × 22 in 12 in deep for 1/4 Sec. Corner -
80.00	Set Cedar post 4 in × 4 in × 4 1/2 ft - 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 & 24 in 12 in deep for corner to Secs. 3. 4. 33 & 34 Surface gently rolling Soil dark & sandy 2 rds.

Bet Townships 29 & 30 N. Range 22 W.

chains	
	S 89° 42' West on true line bet. Secs. 4 & 33 Variation 13° 50' E
40.00	Set Cedar post. 2 in × 3 in × 4 ft - 12 in deep. Deposit charred stake raise mound of earth 2 ft high from pits, 22 in × 22 in 12 in deep for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in × 4 in × 4 1/2 ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high, from pits 24 in × 24 in - 12 in deep for corner to Secs. 3. 4. 32 and 33 Surface gently rolling Soil dark & sandy 2 rds. rate -

Bet Towns. 29 & 30. Range 22 W

chains	
	S 89° 42' West on true line bet. Sec. 5 & 32 Variation 13° 50' E
40.00	Set Cedar post. 2" x 3" x 4 ft. 12" deep. Deposit charred stake, raise mound of earth 2 ft. high from pits 22" x 22" 12" deep. for 1/4 Sec.
80.00	Set Cedar post 4" x 4" x 4 ft. 12" deep. Deposit charred stake, raise mound of earth 2 ft. high from pits 24" x 24" 12" deep for Corner to Sec. 5. 6. 31 & 32 Surface gently rolling Soil 2d rate - black and sandy.

Bet Towns. 29 & 30. Range 22 W.

chains	
	S 89° 42' West on true line bet. Sect. 6 & 31 Variation 13° 50' E
40.00	Set Cedar post 2" x 3" x 4 ft. 12" deep. Deposit charred stake, raise mound of earth 2 ft. high from pits 22" x 22" 12" deep for 1/4 Sec. Corner
79.50	To Corner to Townships 29 and 30 Ranges 22 and 23 West. Surface gently rolling Soil 2d rate black and sandy.

July 22d

General Description.

The surface of this Township is gently rolling. Soil black sandy loam, Soil generally 2d rate. There are a few sandy ridges, and with this exception is well adapted to agriculture.

Township 30 North-

chains	
	From established corner to Townships 29 and 30 N. Range 22 and 23 West I run North-on a true line bet. Secs. 31 and 36 Variation 13° 50' E
40.00	Set Willow post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep. for 1/4 Sec. Cor
80.00	Set Willow post 4 in x 4 in x 4 1/2 ft - 12 in deep, deposit charred stake, raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for Corner to Secs. 25, 30, 31, 35 and 36
	Surface gently rolling Soil 2d rate -

Bet. Ranges 22 and 23 West

chains	
	North - bet. Secs. 25 and 30 Variation 13° 50' E
40.00	Set Willow post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep. for 1/4 Sec. Cor
80.00	Set Willow post 4 in x 4 in x 4 1/2 ft - 12 in deep & Deposit charred stake, raise mound of earth - 2 ft high from pits 24 in x 24 in 12 in deep for Corner to Secs. 19, 24, 25 and 30
	Surface gently rolling Soil sandy loam 2d rate -

Township 30 North

Chains	
	North bet. Sec. 19 & 24
	Variation 13° 30' E
40.00	Set Willow post 2 in x 3 in x 4 ft - 12 in deep, Deposit chained stake, raise mound of earth - 2 ft high from pits 2 ft x 2 ft 12 in deep for Corner to Sec. 13. 18. 19 and 24
80.00	Set Willow post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 ft. high from pits 2 ft x 2 ft 12 in deep for Corner to Sec. 7. 12. 13 and 18

Surface gently rolling
Soil sandy 2 ft. valley

Range 22 and 23 West

Chains	
	North bet. Sec. 18 & 19
	Variation 13° 30' E
40.00	Set Willow post. 2 in x 3 in x 4 ft - 12 in deep Deposit chained stake raise mound of earth - 2 ft high from pits 2 ft x 2 ft 12 in deep for 1/4 Sec. Corner.
80.00	Set Willow post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 ft high from pits 2 ft x 2 ft 12 in deep for Corner to Sec. 7. 12. 13 and 18

Surface gently rolling
Soil sandy. 2 ft. valley

Township 30 North-

chains	
	North-bet. Secs. 7 & 12
40	Variation 13°50' E
40.00	Set Willow post 2 in x 3 in x 4 ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Co-
80.00	Set Willow post 4 in x 4 in x 4 ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 1.6.7 & 12 Surface gently rolling Soil 2d rate, sandy

Bet. Ranges 22 & 23 West

chains	
	North-bet. Secs. 1 & 6
	Variation 13°50' E
4.00	Enter Dry creek N on line
14.00	" corner from S.W. Leave dry creek N.E.
40.00	Set Willow post 2 in x 3 in x 4 ft 12 in deep. deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Corner
80.00	Set Willow post 4 in x 4 in x 4 1/2 ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Towns. 30 and 31 N. Ranges 22 and 23 West and Secs. 1.6.31 and 36 Surface gently rolling Soil 2d rate, sandy

Bet. Townships 30 and 31 N

chains

From established corner to Townships 30 and 31 N, Ranges 22 and 23 West, I run East on a random line bet. said Townships.

Variation 13° 50' E

Setting temporary 1/2 mile + mile corner posts at every 40 and 80 chains, and at 5 miles 79 chains and 64 lks. I intersect East Boundary of the Township at a point 60 lks. N. of corner to Townships 30 and 31 N, R 22 W. My correction will therefore be 36 lks West and 10 lks South per mile, and my course N 89° 56' West.

Range 22 West of 6th P.M.

chains

From the established corner to Townships 30 and 31 N Range 22 + 22 West. I run N 89° 56' West on true line bet Secs. 1 and 36

Variation 13° 50' E

10.64 Drain descends N.

12.64 Enter Drain ~~comes~~ from West on line, descends N E

25.64 Leave drain descends from S.W.

39.00 Drain ~~from~~ N.W. ~~comes from East~~

40.00 Set Willow post. 2 in × 3 in × 4 ft 12 in deep. Deposit charred stake raise mound of earth 2 ft high from pits 22 in × 22 in 12 in deep for 1/4 Sec. corner.

80.00 Set Willow post. 4 in × 4 in × 4 1/2 ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 in × 24 in 12 in deep for corner to Secs. 1. 2. 35 and 36. Surface gently roll soil 2 rate

Bet. Townships 30 and 31 N Range 22 West 6th P.M.

Chains	
	N 89° 56' West on true line bet. Secs. 2 and 35
	Variation 13° 50' E
40.00	Set Willow post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth - 2 ft high, from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor.
80.00	Set Willow post 4 in x 4 in x 4 1/2 ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 ft high, from pits 24 in x 24 in 12 in deep for corner to Secs. 2.3, 34 and 35
	Surface gently rolling Soil sandy 2d rate

Chains	
	N 89° 56' West on true line bet. Secs. 3 and 34
	Variation 13° 50' E
40.00	Set Willow post 2 in x 3 in x 4 ft - 12 in deep Deposit chained stake, raise mound of earth - 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor.
41.00	Drain Cross N
80.00	Set Willow post 4 in x 4 in x 4 ft - 12 in deep Deposit chained stake raise mound of earth 2 ft high, from pits 24 in x 24 in x 12 in deep for corner to Secs. 3.4, 33 and 34.
	Surface gently rolling. Soil 2d rate.

Bet Townships 30 and 31

chains	
	N 89° 56' West on true line bet. Secs. 4 and 33
	Variation 13° 50' E
40.00	Set Willow post. 2 in × 3 in × 4 ft. 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in × 22 in 12 in deep. for 1/4 Sec. Corner
80.00	Set Willow post 4 in × 4 in × 4½ ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 in × 24 in 12 in deep for Corner to Sections 4.5.32 and 33.
	Surface gently rolling Soil 2d rate, sand-y.

Range 22 West 6th P.M.

chains	
	N 89° 56' West on true line bet. Secs. 5 and 32.
	Variation 13° 50' E
40.00	Set Willow post 2 in × 3 in × 4 ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in × 22 in 12 in deep. for 1/4 Sec. Corner.
80.00	Set Willow post. 4 in × 4 in × 4½ ft 12 in deep Deposit charred stake, raise mound of earth 2 ft high from pits 24 in × 24 in 12 in deep for Corner to Secs. 5.6.31 and 32
	Surface gently rolling. Soil 2d rate.

Bet Towns. 30 and 31 N. Range 22 W

chains	
	N 89° 56' West on true line bet. Sec. 6 and 31
	Variation 13° 50' E
17.64	Dry Creek course N.E.
40.00	Set Willow post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep. for 1/4 Sec. Corner.
79.64	To corner to Sec. 1. 6. 31 and 36. Towns 31 and 32. Ranges 22 and 23 West
	Surface gently rolling
	Soil 2d rate

July 23d

General Description

The surface of this Town is gently rolling. Soil good 2d rate. The West branch of Long Pine Creek heads near S.W. corner of the Township, and flows in a N.E. course through the Township. This creek is lightly skirted with willows.

Township 31 N. Bet. Ranges 22 and 23 W

chains	
	From the established corner to Townships 30 and 31 N. Ranges 22 and 23 West
	Town
	North on a true line bet Sections 31 and 36
	Variation 13° 50' E
40.00	Set Cottonwood post 3 in x 2 in x 4 ft - 12 in deep
	Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep. for 1/4 Sec. Cor.
80.00	Set a Cottonwood post 4 in x 4 in x 4 1/2 ft 12 in deep.
	Deposit charred stake. raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Sec. 25. 30. 31 and 36
	Surface gently rolling
	Soil 2d rate

Township 31 North-Ranges 27 & 28 West 6th P.M.

chains	
	North-bet Secs. 25 and 30
	Variation 13° 50' E
40.00	Set Cottonwood post 2 in x 3 in x 4 ft 12 in deep.
	Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor.
80.00	Set Cottonwood post 4 in x 4 in x 4 1/2 ft 12 in deep.
	Deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 19, 24, 25 and 30
	Surface gently rolling
	Soil 2d rate

chains	
	North-bet. Secs. 19 and 24
	Variation 13° 50' E
40.00	Set Cottonwood post 2 in x 3 in x 4 ft 12 in deep.
	Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor.
80.00	Set Cottonwood post 4 in x 4 in x 4 1/2 ft 12 in deep.
	Deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 13, 18, 19 and 24.
	Surface gently rolling
	Soil 2d rate

Township 31 North

Chains	
	North bet Secs. 13 and 18
	Variation 13°30' E
40,00	Set Cottonwood post 2 in x 3 in x 4 ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor
80,00	Set Cottonwood post 4 in x 4 in x 4 1/2 ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for Corner to Secs. 7, 12, 13 and 18
	Surface gently rolling Soil 2d rate

Bet. Ranges 22 and 23 West

Chains	
	North bet. Secs. 7 and 12
	Variation 13°30' E
40,00	Set Cottonwood post 2 in x 3 in x 4 ft 12 in deep. Deposit charred stake raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec Corner
65,00	Cañon 15.00 chs wide descends N.W.
80,00	Set Cottonwood post 4 in x 4 in x 4 1/2 ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for Corner to Secs. 1, 6, 7 and 12
	Surface gently rolling Soil 2d rate

Town. 31 N. Bet Ranges 22 and 23 W

Chains	
	North bet. Secs. 1 and 2
	Variation 13° 50' E
6.00	Cañon descends E
35.00	Creek 50 lks. wide N.E.
40.00	Set Cottonwood post 2 in × 3 in × 4 ft 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22 in × 22 in 12 in deep for 1/4 Sec. Cor.
80.00	Set Cottonwood post. 4 in × 4 in × 4 1/2 ft 12 in deep. Deposit chained stake, raise mound of earth 2 ft high, from pits 24 in × 24 in 12 in deep for corner to Secs. 1 and 6 and Townships 31 and 32 N. R. 22 and 23 Surface ~~gently~~ broken rolling Soil 2 da rate

Between Towns. 31 and 32. Range 22 W

Chains	
	From the established corner to Townships 31 and 32 N. Ranges 22 and 23 West. I run East on a random line bet. said Townships.
	Variation 13° 40' E
	Setting 1/2 mile and mile posts at every 40 and 80 chains for temporary corners. and at 6 miles 2 chains + 25 lks. interval East Bound. of Township 140 lks. N. of corner to Towns. 31 and 32. Ranges 22 and 23 W. My correction will therefore be 2 chs. and 25 lks. E and 23 1/3 lks. South per mile, + my course will be N 89° 50' West.

Bet. Towns. 31 and 32 N. Range 22 W.

chains	
	From the established corner to Towns. 31 and 32 N. Ranges 21 and 22 W. Trunk
	N 89° 50' West on true line bet. Secs. 1 and 36
	Variation 13° 40' E
40.00	Set Cottonwood post 2 in x 3 in x 4 ft - 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor.
80.00	Set Cottonwood post 4 in x 4 in x 4 1/2 ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Sections 1. 2. 35 and 36 Surface gently rolling Soil 2d rate

Bet Towns. 31 and 32 N. Range 22 W.

chains	
	N 89° 50' West on true line bet. Secs. 2 and 35
	Variation 13° 49' E
40.00	Set Cottonwood post 2 in x 3 in x 4 ft 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 22 in x 22 in 12 in deep for 1/4 Sec. Cor.
80.00	Set Cottonwood post 4 in x 4 in x 4 1/2 ft, 12 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 in x 24 in 12 in deep for corner to Secs. 2. 3. 34 and 35 Surface gently rolling Soil 2d rate

Bet. Towns. 31 and 32 North-

Chains	
	N 89° 50' West on true line bet. Secs 3 and 34
	Variation 13° 40' E
40.00	Set Cottonwood post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 24 x 24 x 12 in deep for 1/4 Sec. C
80.00	Set Cottonwood post - 4 in x 4 in x 4½ ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 ft high, from pits 24 in x 24 in 12 in deep for corner to Secs. 3. 4. 33 and 34
	Surface gently rolling
	Soil 2d rate -

Range 22 West 6th P.M.

Chains	
	N 89° 50' West on true line bet. Secs 4 and ~~3~~ 33.
	Variation 13° 40' E
18.00	Cañon 4 ch. wide N.
40.00	Set Cottonwood post 2 in x 3 in x 4 ft 12 in deep. Deposit chained stake, raise mound of earth 2 ft high from pits 24 x 24 x 12 in deep for 1/4 Sec. Corner.
80.00	Set Cottonwood post 4 in x 4 in x 4½ ft 12 in deep. Deposit chained stake, raise mound of earth 2 ft high, from pits 24 in x 24 in 12 in deep for corner to Secs. 4. 5. 32 and 33
	Surface rolling (gently)
	Soil 2d rate

Bet Towns. 31 and 32 Range 22

Chains	
	North 89° 50' West on true line bet. Secs. 5 and 32 Variation 13° 40' E
32.00	Bottom of cañon & Spring branch course N.
40.00	Set Cottonwood post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake raise mound of earth - 2 ft high. from pits 22 in x 22 in - 12 in deep for 1/4 Sec. corner
52.00	Bottom of cañon, dry bed of stream course N.
80.00	Set Cottonwood post 4 in x 4 in x 4 1/2 ft 12 in deep. Deposit chained stake, raise mound of earth - 2 ft high. from pits 24 in x 24 in - 12 in deep for corner to Secs. 5. 6. 31 and 32 Surface gently rolling Soil 2nd rate

31 & 32

Bet Towns. 31 & 32 Range 22 W

Chains	
	N 89° 50' West on true line bet. Secs. 6 and 31 Variation 13° 40' E
20.00	Eyler's Cañon N. E.
25.00	Creek 50 links N. E.
36.00	Large Cañon N. E.
40.00	Set Cottonwood post 2 in x 3 in x 4 ft - 12 in deep. Deposit chained stake, raise mound of earth - 2 ft high from pits 22 x 22 - 12 in deep for 1/4 Sec. Corner
82.25	To corner to Townships 31 and 32 N. Ranges 22 and 23 W. between Secs. 1. 6. 31 and 36. Surface gently rolling. Soil 2nd rate

July 24

Bet Tows 31 & 32 R 22 W

General Description

The surface of this Township is generally gently rolling. Soil sandy & 2d to 3d rate -

A creek 50 lks. wide runs through N.W. corner - The country around is very rough being broken by deep canyons some Pine. Cedar & oak timber -

Township 32 N. Bet R 22 & 23 W

From the established corner to Townships 31 and 32 N. Ranges 22 and 23 West.

Run North - on a true line bet. Secs. 36 and 31

Variation 13° 45' E

40.00 Set Cedar post 2 in x 3 in x 4 ft - 12 in deep Deposit charred stake raise mound of earth 2 ft high. from pits 22 in x 22 in 12 in deep for 1/4 Sec Corner

80.00 Set Cedar post 2 in x 4 in 4 ft 2 in deep. Deposit charred stake, raise mound of earth 2 ft high from pits 24 x 24 12 in deep for corner to Secs. 25, 30, 31 and 36

Surface rolling Sand Hill Soil 3d rate.

Township 32 North

Chains	
	North bet. Sect. 25 & 30
	Variation 13° 45' E
40.00	Set Cedar post 2" x 3" x 4 ft 12" deep. Deposit chained stake, raise mound of earth 2 ft high from pits. 22" x 22" 12" deep for 1/4 Sec. Corner
80.00	Set Cedar post 4" x 4" x 4½ ft 12" deep. Deposit chained stake, raise mound of earth 2 ft high from pits 24" x 24" 12" deep for corner to Sec. 19. 24. 25 and 30
	Surface rolling Sand Hills.
	Soil 3rd rate

Range 22 and 23 West

Chains	
	North bet. Sect. 19 & 24
	Variation 13° 45' E
40.00	Set Cedar post 2" x 3" x 4 ft 12" deep. Deposit chained stake, raise mound of earth 2 ft high from pits 22" x 22" 12" deep for 1/4 Section Corner.
80.00	Set Cedar post 4" x 4" x 4½ ft 12" deep Deposit chained stake, raise mound of earth 2 ft high from pits 24" x 24" 12" deep for Corner to Sec. 13. 18. 19. 24
	Surface rolling sand Hills
	Soil 3rd rate

Township 32 North-

Chains	
	North bet. Secs. 13 and 18
	Variation 13° 45' E
40.00	Set Cedar post 2 in x 3
	x 4 ft - 12 in deep.
	Deposit charred stake
	raise mound of
	earth - 2 ft high,
	from pits 22 in x 22
	12 in deep for 1/4
	Section Corner.
80.00	Set Cedar post
	4 in x 4 in x 4½ ft
	12 in deposit charred
	stake, raise mound
	of earth - 2 ft high
	from pits 24 in x 24
	12 in deep for corner
	to Secs. 7, 12, 13
	and 18
	Surface rolling
	Sand Hills -
	Soil 3d rate

Bet Ranges 22 and 23 West

	North bet Secs. 7 and 12
	Variation 13° 45' E
40.00	Set Cedar post 2 in x 3 in
	x 4 ft - 12 in deep.
	Deposit charred stake
	raise mound of earth
	2 ft high from pits 22 in
	x 22 in - 12 in deep
	for 1/4 Sec. Corner.
80.00	Set Cedar post 4 in x 4 in
	x 4½ ft - 12 in deep
	Deposit charred stake
	raise mound of earth
	2 ft high from pits
	24 in x 24 in - 12 in deep
	for corner to Secs. 1, 6,
	and 12
	Surface 1st 1/2 rolling -
	Sand Hills -
	Soil 3d rate.
	2d 1/2 gently rolling -
	Soil sandy 3d rate -

Township 32 North-

chains

North bet Secs. 1 and 6
Variation 13°45' E
9.00 Enter timber E and West
17.50 To South channel of Niobrara
River (Oak. Elm + Cottonwood
timber on island in
river) Set Cedar post
3 in x 2 in x 4 ft - 12 in
8 deep. for Meander
corner, from which
are
Oak 10 in dia bears S 20° E 60 lks dist
An Elm 5 " " S 80° W 40 " "
19.50 Over South channel
and on bank set Cedar
post 3 in x 2 in x 4 ft - 12 in
deep. Deposit chaned
stake for Meander
corner from which
An Elm 5 in dia bears N 75° E 100 lks dist
A Cottonwood 7 dia bears N 30° W 80 " "
37.50 over Island Enter North Channel
of River and set post
(Cedar) 3 in x 2 in x 4 ft

Bet Ranges 22 and 23 West

12 in deep. Deposit
chaned stake, raise
mound 2 ft high
from pits 22 in x 22 in
12 in deep for Meander
corner to frac. Secs. 1
and 6 from which
A Cottonwood 7 in dia bears S 20 E 100 lks dist
An Elm 5 in dia bears S 30 E 40 lks "
40.00 Point for 1/4 Corner in River.
45.50 Over North Channel
and set Cedar post
3 in x 2 in x 4 ft - 12 in
deep deposit chaned
stake, raise mound
of earth 2 ft high
from pits 22 in x 22 in
12 in deep for Meander
Corner to frac. Secs.
1 and 6
79.11 Intersect 8th Standard
Parallel North at a
point 648 links East
of 1/4 Sec. [illegible] on

Township 32 North —

S. side of Section 31
Town 33 N. Range
22 W and set
Cedar post 4 in x 4 in x
4 ft 12 in deep
Deposit charred
stake. raise mound
of earth 2 ft high
from pits 24 in
x 24 in 12 in deep
for Closing Corner
to Townships 32 N
& N. Ranges 22 and
23 West. found
Sec. 1. 6. 31 and 36.

Surface rolling
Sand Hills. &
Soil 3rd rate —

July 25th

Bet. Ranges 22 & 23 W.

General Description

The surface of this
Township is generally
rolling sand-hilly
soil 3rd rate.
Near the creek it
is very broken and
rough. The creek
and cañons are
heavily timbered
with Pine and
Cedar.
The Niobrara
is also timbered.

General Land Office • Original Field Notes

Book Number

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

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