General Land Office • Original Field Notes

Book Number

233

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.

Field Notes

of

Exterior Township Boundaries

of

Townships 29. 30. 31 and 32 North

of

Ranges 9 and 10 West

Executed By

James N. Paul Deputy Surveyor

under Contract No 32 bearing

date August 4th 1870

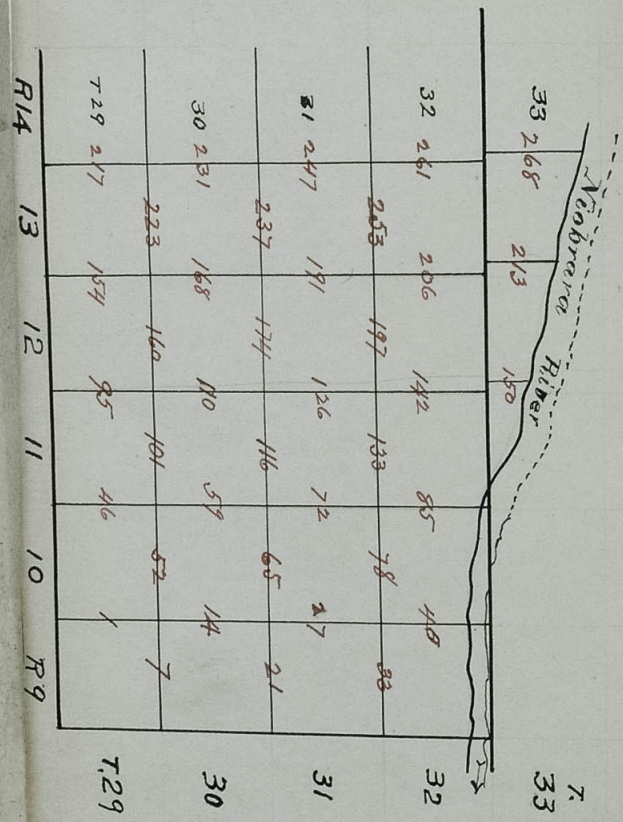
Between Ranges 9 and 10 W. T. 29 N.

From the Standard Corner to Townships 29 North Ranges 9 and 10 W. Town North, on the Range line between secs 31 and 36 Va. 13°09' E

40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 30, 31, 25 and 36.

Land gently rolling
Soil Secondrate



Between Ranges 9 & 10 W. T. 29 N

North between Secs 25 & 30
Va 13° 09' E

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec. cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 19, 30, 24 and 25
Land gently Rolling
Soil Mod'rate

Between Ranges 9 and 10 W T. 29 N.

North between Secs. 19 & 24
Va, 13° 09' E,

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec cor

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 18, 19, 13 & 24
Land Rolling
Soil Sandy / 3rd rate

Between Ranges 9 & 10 W of 2 9 N.

North between Secs 13 & 18
Va. 13° 09' E.

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 7, 8, 12 and 13
Land Rolling
Soil Sandy Thin Drift

Between Ranges 9 & 10 W of 2 9 N.

North between secs 7 & 12
Va. 13° 09' E.

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 6, 7, 1 and 12
Land rolling
Soil Sandy Thin Drift

Between Ranges 9 & 10 W. & 29 N.

North between Secs. 1 and 6
Va. 13° 09' E

40.00 Set post deposited charred stake and raised mound of earth with pits, as per instructions for 1/4 Sec Cor.

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to Townships 29 and 30 N. Ranges 9 and 10 West.

Land gently rolling Soil Sandy Timber

Aug. 10 - 1870

Between Townships 29 & 30 N. R. 9 W.

From the corner to Townships 29 & 30 N Ranges 9 & 10 W. I run East on a random line between said Townships
Va. 13° 09' E

I set temporary half mile and mile posts at every 40 and 80 chains and at 5 miles 78 chains and 80 links to a point 12 links South of the corner to Townships 29 and 30 N. Ranges 8 and 9 West.

(Therefore the correction will be 1 chain and 20 links West and 2 links North per mile.)

Between Tps 29 & 30 N. R 9 W

From the corner to Townships 29 and 30 N. Ranges 8 & 9 West I run

40 S 89°59' West on True line between secs 1 & 36 Va. 13°09' E

80 40,00 Set post deposited chared stake and raised mound of earth with pits as per instructions for 1/4 Sec Cor.

17,00 Drain course S.E.

80,00 Set post deposited chared stake and raised mound of earth with pits as per instructions for corner to Sections 1, 2, 35 & 36

Hilly hard & dry

Soil Second rate

Between Tps 29 & 30 N. R 9 W

S 89°59' West on true line between Secs. 2 & 35 Va. 13°09' E

40,00 Set post deposited chared stake and raised mound of earth with pits as per instructions for 1/4 Sec cor

80,00 Set post deposited chared stake and raised mound of earth with pits as per instructions for corner to sections 2, 3, 34 and 35

Land rolling

Soil Secondrate

Between Tps 29 & 30 N. R 9 W

S 89° 59' West on true line between Secs 3 & 34
Va, 13° 09' E

40

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 114 sec cor

80

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 3, 4, 33 & 34
Laid gently Rolling
Soil Secondrate

Between Tps. 29 & 30 N. R 9 W

S 89° 59' West on true line between Secs 4 & 33
Va, 13° 09' E

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 114 sec. Cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 4, 5, 32 and 33
Laid gently rolling
Soil Secondrate

Between Tps 29 & 30 N. R 9 W.

S 89° 59' West on true line between Secs 5 & 32
Va. 13° 09' E

40 14,00 Set post deposited chained stake and raised mound of earth with pits as per instructions for 1/4 sec cor

80 50,00 Leave Upland and enter low level plain bears N E and S W. dreams N. E.

80,00 Set post deposited chained stake and raised mound of earth with pits as per instructions for corner to sections 5, 6, 31 and 32

Upland rolling
Soil Secondrate
Plain good rich
level firstrate

Between Tps 29 & 30 N. R 9 W

S 89° 59' West on true line between Secs 6 and 31
Va. 13° 09' E,

2,00 Leave Vale and enter Upland bears N E and S W

40,00 Set post deposited chained stake and raised mound of earth with pits as per instructions for 1/4 Sec cor

78,80 The corner to Townships 29 and 30 N, Ranges 9 & 10 West

Vale good rich firstrate
Balance gently rolling secondrate

General Description

This Township is generally gently rolling dry prairie Soil 2nd and 3d rates There is a creek rising in the S W part that flows N E along which there is considerable Burr Oak Ash Elm and Cottonwood timber

Between Ranges 9 & 10 W. T. 30 N.

From the corner to Townships 29 and 30 N. Ranges 9 and 10 West I run North on the Range line between secs 31 & 36 Va 13° 09' E

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec. cor.

8000 Set post deposited chared stake and raised mound of earth with pits as per instructions for corner to Secs 30, 31, 25 & 36 Land gently rolling Soil Sandy Secondrate

Between Ranges 9 & 10 W. T. 30 N.

North between Secs. 25 & 30 Va. 13° 09' E

4000 Set post deposited chared stake and raised mound of earth with pits as per instructions for 1/4 Sec cor

8000 Set post deposited chared stake and raised mound of earth with pits as per instructions for corner to Sections 19, 30, 24 and 25

Land gently rolling Soil Secondrate

Between Ranges 9 & 10 W & 30 N.

North between Secs 19 & 24
Va. 13°09' E

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec Cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 18, 19, 13 and 24. Land gently rolling Soil Second rate

Between Ranges 9 & 10 W & 30 N.

North between Secs 13 & 18
Va 13°09' E

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec Cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to secs. 7, 18, 12 and 13
Land rolling
Soil, Sandy Thirdrate

Between Ranges 9 & 10 W & T 30 N

North between Secs 7 & 12
Va 13° 09' E

4000 Set post deposited
charred stake and raised
mound of earth with
pits as per instructions
for 1/4 Sec. Cor.

8000 Set post deposited
charred stake and
raised mound of
earth with pits as
per instructions for
corner to sections
6, 7, 1 and 12
Land gently rolling
Soil Secondrate

Between Ranges 9 & 10 W & T 30 N

North between Secs 1 and 6
Va 13° 09' E

4000 Set post deposited
charred stake and raised
mound of earth with pits
as per instructions
for 1/4 sec cor.

8000 Set post deposited
charred stake and
raised mound of
earth with pits as per
instructions for corner
to Townships 30 & 31
N. Ranges 9 & 10 West
Land gently rolling
Soil Thirdrate
Aug. 11th 1870

Between Townships 30 & 31 N. R 9 W

From the corner to Townships 30 and 31 N Ranges 9 & 10 W. I run East on a random line between said Townships Va. 13° 09' E.

I set temporary half mile and mile posts at every 40 and 80 chains and at 5 miles 78 chains and 79 links to a point 84 links North of the corner to Townships 30 and 31 N Ranges 8 and 9 West,

(Therefore the correction will be 1 chain and 21 links West and 14 links South per mile.)

Between Tps 30 & 31 N R 9 W

From the corner to Townships 30 and 31 N Ranges 8 and 9 West I run N 89° 54' West on true line between Secs. 1 and 36 Va. 13° 00' E.

4000 Set post deposited chained stake and raised mound of earth with pits as per instructions for 1/4 Sec. cor.

8000 Set post deposited chained stake and raised mound of earth with pits as per instructions for corner to Sections 1, 2, 35 & 36 Land hard-dry gravelly Surface pacing Soil Third rate

Between Townships 30 & 31 N. R. 9 W.

N 89° 54' West on true line
between Secs 2 and 35
Va. 13° 09' E.

4000 Set post deposited chained
stake and raised mound
of earth with pits as per
instructions for 1/4 Sec. Cor.

8000 Set post deposited chained
stake and raised mound
of earth with pits as
per instructions for
corner to sections 2, 3
34 and 35

Land Sandy & gravelly
Surface rolling
Soil Thin drift

Between Townships 30 & 31 N. R 9 W

N 89° 54' West on true line
between Secs 34 & 34
Va. 13° 09' E

4000 Set post deposited chained
stake and raised mound
of earth with pits as per
instructions for 1/4 Sec. cor.

8000 Set post deposited chained
stake and raised mound
of earth with pits as per
as per instructions for
corner to sections
3, 4, 33 and 34

Land Sandy - dry
Surface rolling
Soil Thin drift

Between Tps 30 and 31 N. R 9 W

N 89° 54' West on true line
between Secs 4 and 33
Va, 13° 09' E

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec cor

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

Land Sandy - dry
Surface rolling
Soil Thirdrate

Between Tps. 30 and 31 N R 9 W

N 89° 54' West on true line
between Secs 5 and 32
Va, 13° 09' E

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec Cor,

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 5, 6, 31 and 32

Land, Sandy - hard - dry
Surface gently rolling
Soil Thirdrate

Between Townships 30 & 31 N R 9 W

N 89°54' West on true line between Secs. 6 and 31
va, 13° 09' E

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec cor

78.79 The corner to Townships 30 and 31 N. Ranges 9 and 10 W
Land gently Rolling
Soil, Secondrate

General Description.

This Township is generally high dry rolling, 2nd and 3d rate prairie - A Creek rises in SW. part and flows NE affording plenty of excellent water and also considerable hard wood timber - Bur oak, ash Elm - and Cottonwood

O Mitchell
1-28-13 Hamp

Between Ranges 9 and 10 W T 31 N

From the corner to Townships 30 and 31 N. R 9 and 10 W
I run
North on the Range line between Secs 31 & 36
va. 13° 09' E,

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec cor,

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 30 - 31 - 25 and 36,
Land gently rolling
Soil Thirdrate

Between Ranges 9 & 10 W T. 31 N.

North between Secs 25 & 30
Va, 13° 09' E

40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec cor

57.50 Large Drain course N W

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 19, 30, 24 and 25

Land Rolling
Soil Sandy Drift

Between Ranges 9 & 10 W T. 31 N

North between Secs. 19 & 24
Va, 13° 09' E.

6.50 Large Drain course N E

11.30 Same Drain course N W

40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec cor.

42.50 Same Drain course N E

45.00 Same Drain course N W

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 18, 19, 13 and 24

Land broken and hilly
Soil Sandy Thirdrate

Between Ranges 9 & 10 W T. 31 N

North between Secs 13 & 18
Va. 13° 09' E.

4000 Set post deposited chamed stake and raised mound of earth with pits as per instructions for 1/4 Sec Cor.

7000 Ravine course West

8000 Set post deposited chamed stake and raised mound of earth with pits as per instructions for corner to sections 7, 18, 12 and 13

Land hilly & rolling
Soil Thirdrate

Between Ranges 9 & 10 W T 31 N

North between Secs 7 & 12
Va. 13° 09' E

4000 Set post deposited chamed stake and raised mound of earth with pits as per instructions for 1/4 Sec cor.

8000 Set post deposited chamed stake and raised mound of earth with pits as per instructions for corner to sections 6, 7 1 and 12

Land rolling
Soil Secondrate

Between Ranges 9 and 10 W. T. 31 N.

North between secs 1 and 6
Va. 13° 09' E.

11,000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor.

60,00 Old Indian trail bears NE & SW

61,25 Old Wagon trail bears NE & SW.

80,00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to Townships 31 and 32 North Ranges 9 and 10 W. Land gently rolling soil Secondrate

Aug. 12 - 1870

Between Townships 31 and 32 N. R 9 W.

From the corner to Townships 31 and 32 N. Ranges 9 and 10 W. I run East on a random line between said Townships.

Va. 13° 09' E.

I set temporary half mile and mile posts at every 40 and 80 chains and at 5 miles 78 chains and 54 links to a point 96 links North of the corner to Townships 31 and 32 N. Ranges 8 and 9 West.

(Therefore, the correction will be 1 chain and 46 links West and 16 links South per mile.)

From the corner to Townships 31 and 32 N. Ranges 8 and 9 West I run
N. 89°53' West on true line between Secs 1 & 36
Va. 12°45' E.

40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec. Cor.

59.80 A Creek 10 lks wide runs North - skirted with timber about 10 chs wide -

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 1. 2. 35 & 36
Land - hilly & broken
Soil Sandy 2nd rate
Timber - Bur Oak, Elm Ash - Linden - Black Walnut - Willow and Cottonwood

N 89°53' West on true line between Secs 2 & 35
Va. 12° 45' E.

40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec. Cor.

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 2. 3. 34 and 35
Land gently Rolling
Soil Sandy Third rate

Between Townships 31 and 32 N. R. 9 W.

N 89°53' West on true line between Secs 3 and 34
Va. 12° 34' E.

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to secs. 3, 4, 33 and 34

Land gently rolling Soil, Second rate

Between Townships 31 and 32 N. R 9 W.

N 89°53' West on true line between Secs 4 & 33
Va. 13° 06' E

2600 Leave upland and enter Bottom bears N and S

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec. cor.

4080 Large Drain course N.E.

4100 Leave Bottom and enter Upland, bears N and S

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

Upland gently rolling Soil Second rate

Bottom level Soil 1st rate

Between Townships 31 and 32 N. R. 9 W.

N 89° 53' West on true line
between Secs. 5 & 32
Va. 13° 09' E.

40.00 Set post deposited charred
stake and raised mound
of earth with pits as
per instructions for
1/4 Sec. Cor.

80.00 Set post deposited
charred stake and raised
mound of earth with
pits as per instructions
for corner to sections
5, 6, 31 and 32
Land gently rolling
Soil Secondrate

Between Townships 31 and 32 N. R. 9 W.

N 89° 53' West on true line
between Secs. 6 and 31
Va. 13° 09' E

12.00 Drain course North
40.00 Set post deposited charred
stake and raised mound
of earth with pits as per
instructions for 1/4
Sec. Cor.

78.54 The corner to Townships 31 and
32 N. Ranges 9 and 10 West
Land gently rolling
Soil Secondrate

General Description

This Township is generally
dry rolling and hilly prairie
soil mostly 2nd rate
with some 1st & some 3d
rate. A creek rises in
the S.E. part and runs N.E.
on which there is a valuable
belt of Hardwood timber

Between Ranges 9 & 10 W T 32 N

From the corner to Townships 31 and 32 N, Ranges 9 and 10 W I run North, on the Range line between Secs. 31 and 36
Va. 13° 09' E

26.50	Drain course NW
40.00	Set post deposited chamd stake and raised mound of earth with pits as per instructions for 1/4 sec cor.
80.00	Set post deposited chamd stake and raised mound of earth with pits as per instructions for corner to sections 30, 31, 25 & 36 Land Rolling Prairie Soil Secondrate

Between Ranges 9 and 10 W T 32 N

North between Secs 25 and 30
Va. 13° 12' E

26.00	Crik 8 lks wide runs NE
27.00	Same Crik 6 lks wide runs NW
28.00	Same Crik 9 lks wide runs NE
34.00	Same Crik 10 lks wide runs NW
35.00	Same Crik 12 lks wide runs NE
39.80	Same Crik 10 lks wide runs NW
40.00	Set post deposited chamd stake and raised mound of earth with pits as per instructions for 1/4 sec cor
47.00	Same Crik 10 lks wide runs NE
54.00	Small Spring Branch 3 lks wide runs E. Sides skirted with trees
80.00	Set post deposited chamd stake and raised mound of earth with pits as per instructions for corner to sections 19, 30, 24 and 25 Land broken and hilly Soil, Secondrate Timber. Bur Oak Elm and Cottonwood

Between Ranges 9 & 10 W. T. 32 N.

North between Secs. 19 and 24
Va. 13° 15' E

40,00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec. Cor.

53,00 Ravine Course N.E. skirted with timber

80,00 A Bur Oak tree 6 inches in diameter which I mark as per instructions for corner to sections 18, 19 13 and 24

Surface hilly & broken
Soil Sandy Thirdrate
Timber Bur Oak. Elm and Ash-

Between Ranges 9 & 10 W. T. 32 N.

North between Secs 13 and 18
Va. 13° 15' E

6,00 A creek 18 lks wide runs NW- skirted with timber.

40,00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80,00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 7, 18, 12 and 13

Surface hilly and broken
Soil Sandy Thirdrate
Timber - Bur Oak - Elm Ash and Cottonwood

Between Ranges 9 and 10 W. of 5. 32 N.

North between Secs. 7 and 12
Va. 13° 15' E.

40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec. Cor.

73.00 A Belt of Bur Oak timber 2 chs. wide bears E & W.

79.00 Leave Upland and enter Niobrara Valley bears E & W

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to secs 6. 7. 1 and 12

Land hilly

Soil, Sandy Thirdrate

Timber. Bur Oak Short and Scraggy

Between Ranges 9 and 10 W of 5 32 N

North between Secs 6 and 1
Va. 13° 15' E

16.30 Right Bank of Niobrara River course East
Set post deposited charred stake and raised mound of earth with pits as per instructions for 1 corner to fractional sections 1 and 6

Land level. Soil good 2nd rate
Bottom is covered with small willow brush and large woods.

August 13th 1870

General Description

This Township is mostly rolling and hilly prairie though there is considerable timber along the River and along the numerous creeks and gulches. There is also some firstrate land, Vide Subdivisional Field Notes —

Between Ranges 10 and 11 W of 29 N.

From the Standard Corner to Townships 29 N. Ranges 10 and 11 West of 2nd North, on the Range line between Secs. 31 & 36
Va. 13° 09' E

40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 30, 31, 25 & 36
Land rolling
Soil Sandy Loam

Between Ranges 10 & 11 W of 2nd 29 N.

North between Secs 25 & 30
Va. 13° 09' E

40.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to secs 19, 30, 24 and 25
Land rolling
Soil Sandy Loam

Between Ranges 10 & 11 W T. 29 N

North between Secs. 19 & 24
Va 13° 10' E

40.00 Set post deposited chaned stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80.00 Set post deposited chaned stake and raised mound of earth with pits as per instructions for corner to sections 18, 19, 13 & 24
Land rolling
Soil Sandy Mixed rate

Between Ranges 10 & 11 W T. 29 N

North between Secs 13 & 18
Va 13° 10' E

40.00 Set post deposited chaned stake and raised mound of earth with pits as per instructions for 1/4 sec cor.

80.00 Set post deposited chaned stake and raised mound of earth with pits as per instructions for corner to sections 7, 18, 12 and 13
Land rolling
Soil Second rate

Between Ranges 10 and 11 W & 29 N.

North between Secs 7 & 12
Va. 13° 10' E.

4000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for 1/4 Sec cor

8000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for corner to sections 6, 7, 1 and 12.
hard rolling
Soil, Second rate

Between Ranges 10 & 11 W. & 29 N.

North between Secs 1 and 6
Va. 13° 10' E.

4000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for 1/4 sec cor.

8000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for corner to Townships 29 and 30 N, Ranges 10 and 11 W.
hard rolling
Soil Second rate

Between Townships 29 & 30 N R 10 W.

From the corner to Townships 29 and 30 N Ranges 10 and 11 W. I run East on a random line between said Townships Va, 13° 10 E

I set temporary half mile and mile posts at every 40 and 80 chains and at 5 Miles and 79 chains to a point 3 chains South of the corner to Townships 29 & 30 N Ranges 9 and 10 West.

(Therefore, the correction will be 1 chain West and 50 links North per mile.)

Between Townships 29 and 30 N. R 10 W

From the corner to Townships 29 and 30 N Ranges 9 and 10 W. I run S 89° 39' West on true line between secs 1 and 36 Va, 13° 10' E.

40.00 Set post deposited chained stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

80.00 Set post deposited chained stake and raised mound of earth with pits as per instructions for corner to sections 1, 2, 35 and 36.

Land gently rolling Soil Secondrate

Between Townships 29 and 30 N. R 10 W

S 89° 39' West on true line between secs 2 and 35
Va 13° 10' E.

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec Cor.

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 2, 3, 34 and 35
Land dry rolling
Soil Thirdrate

(For oaths see Book 2)

(~~Contin^d from Book 1~~)

Between Townships 29 & 30 N R. 10 W

S 89° 39' West on true line between secs 3 and 34
Va. 13° 10' E.

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec Cor

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 3, 4, 33 and 34
Land Rolling
Soil Sandy Thirdrate

Between Townships 29 & 30 N. R 10 W.

S 89° 39' West on true line between Secs 4 and 33
Va. 13° 10' E

4000 Set post deposited chand stake and raised mound of earth with pits as per instructions for 1/4 Sec cor

8000 Set post deposited chand stake and raised mound of earth with pits as per instructions for corner to sections 4, 5, 32 and 33

Land Rolling
Soil Secondrate

Between Townships 29 & 30 N. R 10 W

S 89° 39' West on true line between Secs 5 and 32
Va. 13° 10' E

4000 Set post deposited chand stake and raised mound of earth with pits as per instructions for 1/4 sec cor

8000 Set post deposited chand stake and raised mound of earth with pits as per instructions for corner to sections 5, 6, 31 and 32

Land Rolling
Soil Secondrate

Between Townships 29 & 30 N. R. 10 W.

S 89° 39' West on true line
between secs. 6 & 31
Va. 13° 10' E

4000 Set post deposited chained
stake and raised mound
of earth with pits as per
instructions for 1/4 sec.
cor.

7900 The Corner to Townships
29 and 30 N. Ranges
10 and 11 West
Land Rolling
Soil Secondrate
Aug. 20. 1870

General Description

This township is all high
Any rolling prairie
destitute of wood and
water Soil Sandy
Second and third
rates –

Between Ranges 10 & 11 W of 30 N

From the corner to Townships
29 and 30 N. Ranges 10
and 11 W. I run
North on the Range line
between Secs 31 and 36
Va. 13° 12' E

4000 Set post deposited chained
stake and raised mound
of earth with pits as
per instructions for 1/4
Sec cor

8000 Set post deposited
chained stake and
raised mound of
earth with pits as per
instructions for corner
to Sections 30. 31. 25 & 36
Land Rolling
Soil secondrate

Between Ranges 10 & 11 W T 30 N

North between secs 25 & 30
Va, 13°12' E

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec cor

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 19, 30, 24 and 25
Land rolling
Soil second rate

Between Ranges 10 and 11 W. T. 30 N

North between secs 19 & 24
Va, 13°12' E.

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec, cor,

53.00 Drain course NW

80.00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to Secs. 18, 19, 13 and 24
Land rolling
Soil Second rate

Between Ranges 10 & 11 W of 30 M

North between Secs 13 & 18
Va. 13° 12' E.

40.00 Set post deposited chamd stake and raised mound of earth with pits as per instructions for 1/4 Sec Cor.

44.00 Drain course NW

80.00 Set post deposited chamd stake and raised mound of earth with pits as per instructions for corner to sections 7, 18, 12 and 13

Land rolling

Soil Secondrate

Between Ranges 10 and 11 W of 30 M

North between Secs 7 and 12
Va. 13° 12' E

6.00 Drain course NW

40.00 Set post deposited chamd stake and raised mound of earth with pits as per instructions for 1/4 sec cor.

80.00 Set post deposited chamd stake and raised mound of earth with pits as per instructions for corner to sections 6, 7, 1 and 12

Land rolling

Soil Secondrate

Between Ranges 10 and 11 W. T. 30 N.

North between secs 6 and 1
Va. 13° 12' E.

4000 Set post deposited chamd stake and raised mound of earth with pits as per instructions for 1/4 Sec Cor

72,00 Drain course N 40

8000 Set post deposited chamd stake and raised mound of earth with pits as per instructions corner to Townships 30 and 31 N, Ranges 10 and 11 West

Land rolling
Soil Second rate

Between Townships 30 and 31 N. R. 10 W.

From the corner to Townships 30 and 31 N. Ranges 10 and 11 West I run East on a random line between said Townships
Va. 13° 12' E

I set temporary halfmile and mile posts at every 40 and 80 chains and at 5 miles 77 chains and 7 links to a point 168 links South of the corner to Townships 30 and 31 N. Ranges 9 and 10 West

(Therefore, the correction will be 2 chains and 93 links West and 28 links North per mile.)

Between Townships 30 and 31 N. R. 10 W.

From the corner to
Townships 30 and 31 North
Ranges 9 and 10 W. I run
S 89°48' West on true line
between Secs 1 and 36
Va. 13° 15' E

40.00 Set post deposited chaned
stake and raised mound
of earth with pits as per
instructions for 1/4 Sec. cor.

80.00 Set post deposited chaned
stake and raised mound
of earth with pits as per
instructions for corner
to sections 1, 2, 35 and 36
Land Rolling
Soil Secondrate

Between Townships 30 and 31 N. R. 10 W.

S 89°48' West on true line
between Secs 2 & 35
Va. 13° 15' E

40.00 Set post deposited chaned
stake and raised mound
of earth with pits as per
instructions for 1/4 Sec. Cor.

80.00 Set post deposited
chaned stake and raised
mound of earth with
pits as per instructions
for corner to sections
2, 3, 34 and 35
Land rolling
Soil Secondrate

Between Townships 30 and 31 N R 10 W

S 89° 48' West on true line
between Secs. 3 & 34
Va. 13° 15' E.

40.00 Set post deposited chamd
stake and raised mound
of earth with pits as per
instructions for 1/4 sec. Cor.

80.00 Set post deposited chamd
stake and raised mound
of earth with pits as per
instructions for corner
to sections 3, 4, 33 and 34
Land rolling
Soil Secondrate

Between Townships 30 and 31 N R 10 W

S 89° 48' West on true line
between secs. 4 & 33
Va. 13° 15' E

40.00 Set post deposited chamd
stake and raised mound
of earth with pits as per
instructions for 1/4 sec Cor.

77.00 Drain course North

80.00 Set post deposited chamd
stake and raised mound
of earth with pits as per
instructions for corner
to sections 4, 5, 32
and 33
Land rolling
Soil Secondrate

Between Townships 30 and 31 N. R. 10

S 89° 48' West on true line
between Secs 5 and 32
Va. 13° 15' E

22.00 Drain course NW

4.000 Set post deposited chamd
stake and raised mound
of earth with pits as per
instructions for 1/4 sec cor

80.00 Set post deposited chamd
stake and raised mound
of earth with pits as per
instructions for corner
to sections 5, 6, 31
and 32

Rolling Sandhills
Soil Thirdrate

Between Townships 30 and 31 N. R. 10 W.

S 89° 48' West on true line
between secs 6 and 31
Va. 13° 15' E

4.000 Set post deposited chamd
stake and raised mound
of earth with pits as
per instructions for
1/4 Sec cor.

77.07 The corner to Townships
30 and 31 N. Ranges 10
and 11 West

Rolling Sandhills
Soil Thirdrate

Aug. 21 — 1870

General Description

This Township is all high
dry rolling prairie
destitute of wood and water
Soil generally Secondrate
and Sandy with
some Thirdrate Sandhills.

Between Ranges 10 and 11 W. T. 31 N.

From the corner to Townships 30 and 31 N Ranges 10 and 11 W I run North on the Range line between Secs 31 and 36
Va 13° 15' E

8.00 Drain course West
14.00 Set post deposited chamd stake and raised mound of earth with pits as per instructions for 1/4 Sec. cor.
53.00 Drain course West
80.00 Set post deposited chamd stake and raised mound of earth with pits as per instructions for corner to sections 30, 31, 25 & 36
Land rolling & hilly
Soil Sandy Thirdrate

Between Ranges 10 and 11 W T. 31 North

North between secs 25 and 30
Va. 13° 15' E

16.00 Ravine course NW - sides skirted with timber
40.00 Set post deposited chamd stake and raised mound of earth with pits as per instructions for 1/4 Sec. cor.
14.00 Ravine or gulch course SW. There is limestone of an inferior quality on the sides of this gulch
58.00 Ravine course SW skirted with Bur Oak trees
70.00 Ravine course SW sides lined with timber
80.00 Set post deposited chamd stake and raised mound of earth with pits as per instructions for corner to secs 19, 30, 24 and 25
Land hilly and broken
Soil Sandy Thirdrate
Timber - Bur Oak, Elm, Ash and Cottonwood

Between Ranges 10 and 11 W. T. 31 N.

North between Secs 19 and 24
Va, 13°15' E

40,00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec cor.

80,00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to secs 18, 19, 13 and 24
Land hilly and rolling
Soil Sandy Thirdrate

Between Ranges 10 and 11 W T. 31 N.

North between Secs 13 and 18
Va, 13°15' E.

40,00 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 Sec. cor

80,00 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 7, 18, 12 and 13
Land Rolling
Soil Secondrate

Between Ranges 10 and 11 W. T. 31 N.

North between Secs 7 and 12
Va, 13° 15' E.

40.00	Set post deposited chained stake and raised mound of earth with pits as per instructions for 1/4 Sec. Cor.
77.00	Spring Branch 5 lks wide runs NW
80.00	Set post deposited chained stake and raised mound of earth with pits as per instructions for corner to sections 6, 7, 1 and 12 Land Rolling & hilly Soil Second rate

Between Ranges 10 and 11 W. T. 31 N.

North between Secs 1 and 6
Va, 13° 15' E.

20.00	Raine course West - sides skirted with timber
40.00	Set post deposited chained stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.
41.00	Old Wagon trail bears NE & SW.
52.50	A Creek 20 lks wide runs NE, sides skirted with timber
80.00	Set post deposited chained stake and raised mound of earth with pits as per instructions for corner to Townships 31 and 32 N. Ranges 10 and 11 W. Land hilly and broken Soil Second rate Timber. Cottonwood Bur Oak Elm & Ash

Between Townships 31 and 32 N R 10 W

From the corner to Townships 31 and 32 N. Ranges 10 and 11 W I run East on a random line between said Townships va 13° 15' E

I set temporary half mile and mile posts at every 40 and 80 chains, and at 5 miles 77 chains and 80 links to a point 1 chain South of the corner to Townships 31 and 32 N. Ranges 9 and 10 W.

(Therefore the correction will be 2 chains and 20 links West and 16 2/3 links North per mile.)

Between Townships 31 and 32 N R 10 W

From the corner to Townships 31 and 32 N. Ranges 9 and 10 West I run S 89° 53' West on true line between secs 1 and 36 va. 13° 15' E

25.00 Gulch drains NW- sides covered with timber

4000 Set post deposited charred stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

46.00 Creek 12 links wide runs NE. sides skirted with timber

8000 Set post deposited charred stake and raised mound of earth with pits as per instructions for corner to sections 1, 2, 35 & 36

Land hilly & broken
Soil Thirdrate
Timber Bur Oak
Cottonwood Elm Ash
and Box Elder

Between Townships 31 and 32 N. R. 10 W.

S 89° 53' West on true line
between Secs. 2 and 35
Va. 13° 15' E.

40.00 Set post deposited chained
stake and raised mound
of earth with pits as per
instructions for 1/4 sec. cor.

80.00 Set post deposited chained
stake and raised mound
of earth with pits as per
instructions for corner to
sections 2, 3, 34 and 35
Hilly and rolling
Soil, Sandy Third rate

Between Townships 31 and 32 N. R. 10 W.

S 89° 53' West on true line
between secs. 3 and 34
Va. 13° 15' E.

32.00 Spring Branch 3 lks wide runs North

40.00 Set post deposited chained
stake and raised mound
of earth with pits as per
instructions for 1/4 sec. cor.

80.00 Set post deposited chained
stake and raised mound
of earth with pits as
per instructions for corner
to sections 3, 4, 33, and 34
Hilly and Rolling
Soil Sandy Third rate

Between Townships 31 and 32 N. R. 10 W.

S 89° 53' West on true line between Secs. 4 and 33
Va. 13° 15' E.

40.00 Set post deposited chained stake and raised mound of earth with pits as per instructions for 1/4 sec. cor.

79.00 Drain course North.

80.00 Set post deposited chained stake and raised mound of earth with pits as per instructions for corner to sections 4, 5, 32 and 33

Land, hilly and rolling
Soil Sandy Thirdrate

Between Townships 31 and 32 N. R. 10 W.

S 89° 53' West on true line between secs 5 & 32
Va 13° 15' E.

40.00 Set post deposited chained stake and raised mound of earth with pits as per instructions for 1/4 sec cor.

80.00 Set post deposited chained stake and raised mound of earth with pits as per instructions for corner to sections 5 6, 31 and 32

Land hilly and rolling
Soil Sandy Thirdrate

Between Townships 31 and 32 N. R 10 W.

S 89° 53' West on true line
between Secs. 6 and 31
Va. 13° 15' E

32.50 Spring Branch 5 lks wide runs N

40.00 Set post deposited chained
stake and raised mound
of earth with pits as
per instructions for
1/4 sec cor.

65.80 A Oak 20 lks wide brushy
banks runs NW

77.80 The corner to Townships 31
and 32 N, Ranges 10 & 11 W
Land hilly & broken Soil 3rd rate
Aug - 2, 2 - 1870

General Description —

This Township is all rolling
or broken Sandy hills
Soil 2nd and 3d rates
the Township is well
watered and has considerable timber along the
streams and gulches

Between Ranges 10 and 11 W. & 32 N.

From the corner to Townships
31 and 32 N. Ranges 10
and 11 W. I run
North on the Range line
between secs. 31 & 36
Va. 13° 15' E

12.00 Bur Oak Canon course SE.

40.00 Set post deposited chained
stake and raised mound
of earth with pits as per
instructions for 1/4 sec cor.

43.00 Drain course SE

80.00 Set post deposited chained
stake and raised mound
of earth with pits as per
instructions for corner
to sections 30, 31, 25 and 36
Land hilly & broken
Soil Thirdrate

Between Ranges 10 and 11 W of 32 N

North between Secs 25 & 30
Va. 13° 15' E

4000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for 1/4 sec. Cor.

8000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for corner to sections 19, 30, 24 and 25
Level Rolling
Soil Secondrate

Between Ranges 10 and 11 W of 32 N

North between Secs. 19 & 24
Va, 13° 18' E

4000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for 1/4 Sec. Cor.

8000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for corner to sections 18, 19, 13 and 24
Hilly and Rolling
Soil Thirdrate

Between Ranges 10 and 11 W of 32 N

North between Secs 13 & 18
Va. 13° 18' E

4000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for 1/4 Sec cor,

8000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for corner to sections 7, 18, 12 and 13
hard, hilly, high & dry soil Sandy Thisdrate

Between Ranges 10 and 11 W of 32 N.

North between Secs 7 and 12
Va. 13° 18' E.

4000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for 1/4 sec cor,

8000 Set post deposited chaned stake and raised mound of earth with pits as per instructions for corner to sections 6, 7, 1 and 12
Hilly, rolling dry Sandy Soil Thisdrate

Between Ranges 10 and 11 W T. 32 N.

North between secs 1 and 6
Va. 13° 18' E

35.00 Leave prairie and enter heavy timber bears E & W

40.00 Set post deposited chained stake and raised mound of earth with pits as per instructions for 1/4 sec. cor. and also corner to fractional sections 1 and 6 On the Right Bank of Niobrara River from which a Cedar 10 in. dia. bears N. 80° W 11 lks
Cedar 6 in dia bears S 88° E 10 lks
Land hilly and broken
Soil Sandy Thirdrate
Timber Cedar. Bur Oak Elm Ash hymn & Cottonwood

Aug. 23d 1870

General Description
High rolling Second and third rate soil - Well watered and considerable Timber - See Subdivision Notes for further description

Note

There is no appearance of the Keha Paha or any other tributary of the Niobrara River entering it on the North side opposite Tps 32 N. of Ranges 9 & 10 West. The River is too high to send a flagman to the Northside to determine accurately the width but from observations taken on trees on the north side this River is 28 chs. wide

Surveyor General's Office
Plattsmouth Neb

The foregoing field notes of the survey of the Exterior Boundaries of Townships No. 25. 26. 27. 28. 29. 30. 31 & 32 Range 9 & Township No. 29. Range 10 all North of the Base Line & West of the 6th. Principal Meridian in the State of Nebraska, executed by James N. Paul under joint contract No. 32. of the 10th. day of August 1870. wherein Nicholas J. & James N. Paul are joint contractors. in the month of August 1870. having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Surveyor General.

Contract No. 46 K. 3

Field Notes
of the
Survey of the exterior
boundaries of Townships
29 30 31 32 and fractional
Township 33 North of
the Base line of Ranges
11 12 and 13 West of the
6th Principal Meridian
and Townships 29 and 30
North of the Base line of
Range 14 West of the 6th
Principal Meridian. State
of Nebraska. executed by
William A. Richards
deputy Surveyor under
joint contract No 46
bearing date June 15. 1871
wherein William A.
Richards and Joseph
W. Gay are joint
contractors.

chains

A list of the names of the persons employed to assist in surveying measuring and marking the lines and corners described in the following field notes of the Exterior boundaries of Townships 29. 30. 31. 32. and 33 N. in Range 11 West and Townships 29 and 30 North in Range 12 West of the 6th Principal Meridian, showing the respective capacities in which they acted.

H. S. Gardner } Surveyor
L. A. Tannehill } Monumenter
E. L. Waltmyre } Chainmen
A. C. Richards }

T. 29 N. Bet. Ranges 11 and 12

chains

Begin at the post, the established corner to Townships 28 and 29 in Ranges 11 and 12 West and run

North between sections 31 and 36.

Variation 18° 20' East

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

42.30 Elkhorn river 35 links wide, course East.

80.00 Set post, deposit charred stake, raise mound of earth with pits as per instructions for ~~Sec. Corn~~ corner to Sections 25 30 31 and 36

Surface level, bottom land soil 1st rate

T. 29 N. Bet. Ranges 11 & 12 W.

Chains	
	North between sections 25 and 30
	Va 13° 20'
10.00	Leave bottom course S. E. and N. W.
40.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for corner to sections 19. 24. 25 and 30. Surface gently rolling upland, soil 1st rate.

T. 29. N. Bet. Ranges 11 and 12 W.

Chains	
	North between sections 19 and 24
	Variation 13.20
40.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for corner to sections 13. 18. 19 & 24. Surface gently rolling upland, soil 1st rate.

T. 29. N. between Ranges 11 & 12

Chains	
	North between Section 13 and 18.
	Variation 13° 20'
40.00	Set post. deposite charred stake and raise mound of earth with pits as per instructions for 1/4 sec. corner.
80.00	Set post. deposite charred stake raise mound of earth with pits as per instructions for corner to sections 7 12 13 and 18
	Surface gently rolling upland soil 1st rate.

T 29 N Bet- Ranges 11 & 12

Chains	
	North between sections 7 and 12
	Va. 13.20
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post. deposite charred stake. raise mound of earth with pits as per instruction for corner to sections 1. 6. 7 & 12
	Surface gently rolling upland. Soil 1st rate

T 29 N Bet. Ranges 11 & 12 W.

chains	
	North between sections 1 & 6
	Variation 13° 20'
40.00	Set post deposit charcoal stake raise mound of earth with pits as per instructions for 1/4 sec. corner
80.00	Set post deposits charcoal stake raise mound of earth with pits as per instructions for corner to sections 1 6 31 & 36 and for corner to Township 29 & 30 Ranges 11 & 12 W. Surface gently rolling upland soil 1st rate.

Bet. Ts. 29 & 30 N Rs 11 W.

chains	
	Begin at the post the established corner to Townships 29 & 30 N. Ranges 11 & 12 W and run
	East on a random line between ~~sections~~ said Townships ~~6 & 31. 5 & 32. 4 & 33. 3 & 34. 2 & 35. 1 & 36.~~
	Variation by Burt's improved Solar compass 13° 20' E
	I set temporary half mile and mile posts at every 40 and 80 chains, and at 5 miles 79 chains and 63 links I intersected east boundary of Township 10 links North of corner to Townships 29 & 30 Ranges 10 & 11. The correction will therefore be 37 links west and 1 2/3 South per mile and the course will be N 89° 59½' W.

Bet- Ts 29 & 30 R 11 W

Chains	
N. 89 59½	West- on true line between sections 1 & 36
	Variation 13° 20'
40.00	Set- post- deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec. corner.
80.00	Set- post, deposite charred stake raise mound of earth with pits as per instruction for corner to sections 1. 2. 35 & 36.
	Surface rolling Soil 1st rate.

Bet- Ts 29 & 30 R. 11 W.

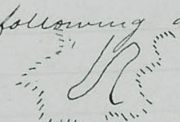
Chains	
N. 89 59½	West- on true line between sections 2 & 35
	Variation 13° 20'
9.10	Drain with water in holes. Course North.
40.00	Set- post-, deposite charred stake and raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set- post, deposite charred stake, raise mound of earth with pits as per. instructions for corner to Sections 2. 3. 34 & 35.
	Surface rolling Soil 1st rate

Between Townships 29 & 30 N Range 11 W

N 89°59' chains	West - on true line between sections 3 and 34
	Variation 13.20
40.00	Set - post; deposits charred stake, raise mound of earth as per instructions for 1/4 section corner
80.00	Set - post. deposits charred stakes and raise mound of earth with pits as per instructions for corner to sections 3. 4. 33 & 34
	Surface rolling upland
	Soil 1st rate

Between Ts 29 & 30 N R. 11. W.

N 89 34 1/2 chains	West - on true line between Sections 4 & 33
	Variation 13.20
19.80	Enter creek bottom course N. & S.
20.00	Stream 3 links wide course North
21.65	Stream 3 links wide course S. E.
25.70	Stream 3 links wide course N. E.
	The above mentioned stream crosses line in the manner shown in following diagram



26.50	Leave bottom bearing N. E
40.00	Set - post - deposits charred stake raise mound of earth with pits as per instructions for 1/4 section corner

80.00	Set post deposite chained stake raise mound of earth with pits as per instructions for corner to sections 4. 5. 32. & 33 Surface rolling Soil 2nd rate except bottom which is 1st rate

N. 89° 59' W. chains	West on true line between sections 5 & 32 Variation 13° 20'
40.00	Set post deposite chained stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite chained stake raise mound of earth with pits as per instructions for corner to sections 5 6 31 and 32 Surface level upland Soil 1st rate.

Between Ts 29 + 30. N. R. 11 W.

11.89 59½ chains	West on true line between sections 6 + 31
	Variation 13° 20' E.
40.00	Set post deposite charred stake raise 3 pound of earth with pits as per instructions for 1/4 section corner
[illegible]	[illegible]
79.63	Intersect corner to Townships 29 + 30 N Ranges 11 + 12 W
	Surface gently rolling
	Soil 1st rate
	July 1st 1871

Between Ts 29 + 30 N R 11 W

chains	General Description.
	The surface of this Township on the the Western Boundary is level Soil 1st rate upland Surface of North Boundary excepting
Sections	5 and 6 rolling soil generally 2nd rate

T. 30 N. Between Rs 11 & 12 W

Chains	~~Begin at the~~ From the post the established corner to Townships 29 & 30 N in Ranges 11 & 12 W and run North between sections 31 and 36 Variation 13° 20' E.
40.00	Set post; deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 25 30 31 and 36 Surface level Soil gravelly 2nd rate.

T. 30 N. Between Rs 11 and 12 W

	North between sections
Chains	25 and 30 Variation 13° 20' E.
18.75	Drain course East for 5 chains then turns North 30° East
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 19. 24. 25 and 30.
	Surface rolling Soil gravelly 2nd rate

T 30 N Between Rs 11 and 12

chains	
	North between sections 19 and 24
	Variation 13° 20'E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to sections 13 18 19 and 24
	Surface rolling.
	Soil gravelly 2nd rate.

T. 30. N. Between Rs 11 & 12 W

chains	
	North between sections 13 and 18
	Variation 13° 20'
27.00	Drain course East
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 7 12 13 and 18
	Surface rolling.
	Soil gravelly 2nd rate

chains	
	North between sections 7 and 12.
	Variation 13° 20' E.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
40.50	Drain course East
46.00	Drain course East
70.00	Drain course East
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 1 6 7 and 12
	Surface rolling
	Soil gravelly 2nd rate

chains	
	N. between sections 1 and 6
	Variation 13° 20' E.
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post, deposite charred stake, raise mound with pits as per instructions for corner to Townships 30 and 31 North Range 11 and 12 West.
	Surface very rolling
	Soil gravelly 2nd rate

Between Ts. 30 and 31 N. R. 11 W.

chains	
	Beginning at the post the established corner to Townships 30 and 31 North, Ranges 11 and 12 West I ran.
	East on a random line between sections 6 and 31 5 and 32 4 and 33 3 and 34 2 and 35 1 and 36
	Variation by Burt's improved Solar compass 13° 20' E
	I set temporary half mile and mile posts at every 40 and 80 chains and at 5 miles 79 chains and 39 links I intersected East boundary of Township at a point 45 links North of the corner to Townships 30 and 31 N Ranges 10 and 11 W.

My correction will therefore be 7½ links North and 61 links west per mile and the course will be N. 89° 57' W.

Between Ts 30 and 31 N. Rs. 11 W.

chains	
	from which corner I ran N. 89° 57' W. west on a true line between Sections 1 and 36 ~~my course being North 89° 57' West~~
	Variation 13° 25' E.
14.39	Enter Bottom bears N. and S.
14.50	Rush marsh course North and South
19.39	Leave Rush marsh course N. E. and S. W.
30.59	Spring creek 15 links wide 2½ feet deep clear water runs swift over gravelly bottom course N. W.
34.00	Slough course N. E. and S. W.
35.50	Leave Slough course N. E. and S. W.
40.00	Set post deposte charred stake raise mound with pits as per instructions for 1/4 section corner.

41.50	Leave bottom course ch. E. and S. W
80.00	Set post-deposite charred stake, raise mound with pits as per instructions for corner to sections 1. 2. 35 and 36
	Surface: Upland rolling soil gravelly 2nd rate: bottom land, soil 1st rate

N 89°57'	West on true line between sections 2 and 35 Variation 13° 25'. E.
40.00	Set post. deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 2 3 34 and 35 Surface rolling Soil 1st rate

Between Ts 30 & 31 N R 11 W

C	N 89°57'	West on true line between sections 3 and 34
		Variation 13°25' E.
	16.09	Enter bottom bears N. E. and S. W.
	16.39	Drain bears N. E.
	20.39	" " S. E.
4	29.39	" " N. E.
	30.00	Leave bottom bears N. E. and S. W.
	40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
8	80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 3. 4. 33 and 34.
		All except bottom rolling Soil Sandy 2nd rate
		Bottom land, soil 1st rate. good grass

Between Ts 30 & 31 R 11 W

N 89°57'	West on true line between sections 4 and 33
	Variation 13°20' E.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to sections 4. 5. 32 and 33
	Surface Rolling Soil gravelly 2nd rate

Between Ts 30 & 31 N. R. 11 W.

N 89° 05'	West between 5 and 32 on this line
	Variation 13° 20' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
65.00	Center bottom bears N. E. and S. W.
75.20	Creek 10 links wide course N. E.
78.39	Leave bottom bears N. E. and S. W.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 5. 6. 31 and 32.
	Surface rolling Soil 2nd rate except bottom which is level Soil 1st rate

Between Ts 30 and 31 N. R. 11 W.

N 89° 05'	West on this line between sections 6 and 31
	Variation 13° 20' E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions
69.39	Drain runs N. E. for 3 chains then turns S. E.
79.39	Intersect post the established corner to Townships 30 and 31. Ranges 11 and 12 W.
	Surface rolling Soil gravelly 2nd rate
	July 2nd 1871

Between Ts 30 & 31 N R 11 W

General Description

The surface of this Township is level in S. W. part for nearly 2 miles, then the line runs into the short breaks where the stream is formed which is crossed by the line on the North boundary of section 2. The balance is quite rolling on West boundary ~~&c~~ ~~it also~~ ~~to~~ also on North boundary. Soil gravelly 2nd rate.

The Township contains numerous beds of streams now dry which have at some previous time contained water which ran with great force.

T. 31 N. between Rs 11 & 12 W.

chains	
	Beginning at the post the established corner to Townships 30 & 31 N. Ranges 11 and 12 West. I ran North between sections 31 and 36 Variation 13° 15' E
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
56.00	Drain bears N. E.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 25 30 31 & 36 Surface very ~~much~~ rolling. Soil 2nd rate

T. 31 N between Rs 11 & 12 W

chains	
	North between sections 25 and 30 Variation 13° 20' E
18.00	Ravine 2 chains wide bears N. E.
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to sections 19 24 25 and 30
	Surface very rolling Soil 1st rate

T 31 N between Rs 11 & 12 W

Chains	North between sections 19 and 24 Variation 13° 20' E
17.00	Stream 3 links wide runs N. E.
22.20	Stream 4 links wide course N. W.
33.60	Stream 3 links wide runs N. E.
40.00	Set post deposite charred stake raise mound of earth, with pits as per instructions for 1/4 section corner.
64.00	Drain bears N. E.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 13 18 19 and 24 Surface rolling. Soil 2nd rate.

For line between Sections 13 & 18
See page 94

Township 31 Bet. Ranges 11 and 12 W.

Chains	North bet. Sections 13 and 18 Variation 13° 20' East
4.80	Drain bears N E
40.00	Set post. deposit charred stake, raise mound of earth with pits as per instructions for 1/4 section corner.
64.00	Drain. bears N. E.
80.00	Set post deposit charred stake raise mound of earth with pits as per instructions for corner to sections 7. 12. 13 and 18, surface gently rolling Soil 2nd rate

Copied from page 188

T 31 N between Rs 11 & 12 W

chains	
	North between sections 7 and 12
	Variation 13° 20' E
11.50	Drain bears East –
34.00	" " N.E.
40.00	Set post: deposite charred stake. raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post: deposite charred stake. raise mound of earth with pits as per instructions for corner to sections 1 6 7 and 12
	Surface gently rolling upland
	Soil 1st rate

T 31 N. between Rs 11 & 12 W

Chains	
	North between sections 1 and 6
	Variation 13° 25' E
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth, with pits as per instructions for corner to Townships 31 and 32 North, in Ranges 11 and 12 West.
	Surface gently rolling upland
	Soil 1st rate.

Between To 31 & 32 R 11 W

Chains	
	Beginning at the post the established corner to Townships 31 & 32 North Ranges 11 and 12 West I ran,
	East on a random line between sections 6 & 31 5 and 32 4 and 33 3 and 34 2 and 35 1 and 36
	Variation by Burts improved solar compass 13° 20' East
	I set temporary half mile and mile posts at every 40 and 80 chains and at 5 miles 78 chains and 64 links
	I intersected East boundary of Township 3 chains and 30 links South of the established corner to Townships 31 and 32 in Ranges 10 and 11 W. from

my correction will therefore be 1.36 chains Mrs and 53 links North per mile and the course will be S 89° 36' W

Between Ts 31 + 32 R 11 W

	which corner I raw
S 89° 36'	West on a true line between sections 1 and 36 ~~my course being~~
	~~South 89° 36' West~~
	Variation 13° 20' E
4.00	Leave bottom bearing N. and S.
10.00	Ravine 100 feet deep bears S. E.
20.00	Crop deep ravine. SE
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 1. 2. 35. and 36. Surface very rolling. Soil 2nd rate.

Bet Ts 31 + 32 R 11 W

S 89° 36'	West on true line between sections 2 and 35
	Variation 13° 20' E
20.00	Ravine bears S. E.
33.00	" " "
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner.
55.00	Ravine bears S. E.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 2. 3. 34 and 35 Surface very rolling. Soil 2nd rate.

Bet Ts 31 and 32 R 11 W

S 89° 36'	West on true line between sections 33 & 34
	Variation 13.20
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 3 4 33 and 34
	Surface very rolling Soil 2nd rate

Bet Ts 31 and 32 R 11 W

S 89° 36'	West on true line between 4 and 33
	Variation 13° 20' E
31.00	Drain bears North
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
58.00	Spring branch 2 links wide runs North.
77.00	Enter bottom bears N. E. and S. W.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 4 5 32 and 33
	Surface rolling Soil in bottom 1st rate. Upland 2nd rate

Bet Ts 31 and 32 N R 11 W

S 89° 36'	West on true line between sections 5 and 32 Variation 13° 20' E.
9.00	Sluggish. shallow stream 4 links wide runs N. W.
11.00	Leave bottom bearing N.E. and S.W.
40.00	Set post. deposite charred stake. raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 5 6 31 + 32.
	Surface rolling upland Soil 2nd rate.

Bet Ts 31 and 32 N. R 11 W

S 89° 36'	West on true line between sections 6 and 31 Variation 13° 20' E
34.76	Spring branch 2 links wide runs N.E.
40.00	Set post. deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner.
78.64	Intersected corner to Townships 31 and 32 North in Ranges 11 and 12 West
	July 3rd 1871

Bet- Ts 31 and 32 R 11 W

General description

This Township is very rolling soil varying from 1st to 3rd rate being both bottom and upland The upland is, in places, black sandy loam which should be classed 2nd rate. In other places it is gravelly and 3rd rate. The external indications all go to show that the soil is more especially to the cultivation of wheat.

Beginning at the post the established corner to Townships 31 and 32 Ranges 11 and 12 Run
North between sections 31 and 36
Variation 13.25
40.00 Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner.
47.00 Drain bears E.
80.00 Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 25 30 31 and 36
Surface rolling
Soil 2nd rate

North between sections 25 and 30
Variation 13° 20' E
40.00 Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
57.00 Deep ravine bearing N. E.
80.00 Set post deposite charred stake, raise mound of earth as per instructions for corner to sections 19 24 25 and 30

Surface rolling
Soil 2nd rate

chains	
	North between sections 19 and 24 Variation 13.20
30.00	Enter bottom bearing N.E. and S.W.
40.00	Set post. deposite charred stake. raise mound of earth with pits as per instructions for 1/4 section cor.
45.20	Stream 35 links wide running N.E.
50.00	Leave bottom and enter scattering Burr Oak Grove bearing E. and W.
55.00	Stream 3 lks. wide runs S.E.
76.00	Stream 3 links runs E
70.00	Leave scattering Burr Oak Timber bearing W. and S.E.
80.00	Set post deposited charred stake. raised mound of

chains	
	Earth with pits as per instructions for Corner to sections 13 18 19 and 24 Surface Rolling Soil Upland 2nd rate bottom level 1st rate
	North between Sections 13 and 18 Variation 13° 20' E
40.00	Set-post. deposite charred stake. raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set-post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 7. 12. 13 + 18 Surface rolling 3rd rate Soil Sandy

T 32 N bet- Rs 11 and 12 W

chains	
	North between 7 and 12
	Variation 13° 20' E
4000	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec. Cor.
8000	Set post deposite charred stake raise mound with pits as per instructions for corner to sections 1, 6 7 and 12
	Surface rolling
	Soil sandy and worthless for cultivation

T 32 Bet- Rs 11 and 12 W

chains	
	North between sections 1 and 6
	Variation 13° 20' E
4000	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
86.92	Intersected the 8th Standard Parallel 5 chains and 71 links West of 1/4 section corner standing on south side of section 31
	Surface rolling
	Soil Sandy Worthless
	July 4th 1871

T. 32 N. Rt. R's 11 & 12 W

General Description

The southern part of this township on and near west line is rolling soil 2nd rate well watered by the streams crossing the line. The timber near those streams can be used for building purpose. and fuel After leaving said streams the soil soon becomes sandy and unfit for cultivation

chains	
	Beginning at the post the established corner to Townships 32 and 33 in Ranges 11 and 12 West - lying upon the 8th Standard Parallel. I run North between sections 31 and 36. Variation 13° 20' E
40.00	Set post - deposite charred stake raise mound with pits as per instructions for 1/4 section corner
80.00	Set post - deposite charred stake raise mound of earth with pits as per instructions for corner to sections 25 30 31 and 36. Surface rolling Soil Sandy 2nd rate

	North between sections 25 and 30 Variation 13° 20' E
10.00	Enter Burr oak and cottonwood Timber bearing S. E.
12.00	Reach edge of Bluffs bearing S. E. & NW
15.00	- Bottom of Bluffs
34.00	Intersect the Niobrara River runs S.E. Estimated 28.00 wide. Set post, deposit charred stake raise mound of earth with pits as per instructions for meander corner from which A cottonwood 6 in. dia. bears South 35° West - 53 links distant A cottonwood 7 in. dia. S. 23° E. 1 chain 12 links distant
	July 5th 1871

Left blank

Left Blank

chains	
	Beginning on the 7th Standard Parallel at the post the established corner to Tos Townships 28 and 29 in Ranges 12 and 13 I run North between sections 31 and 36 Variation 13.25
4000	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
8000	Set post deposite charred stake raise mound of earth with pits as per instructions for cor to sections 25 30 31 and 36 Surface level bottom Soil 1st rate

chains	
	North between sections 25 and 30 Variation 13°.25' E
4000	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
51.40	Elk Horn River 40 links wide course S. E.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 19 24 25 and 30 Surface level bottom Soil 1st rate

T 29 N Bet. Rs 12 and 13 W

chains	
	North between sections 19 and 24
	Variation 13° 25' E
4000	Set post deposite charred stake, raise mound of earth, with pits as per instructions for 1/4 Section corner
4050	Leave bottom bearing E. and W.
8000	Set post deposite charred stake, raise mound with pits as per instructions for corner to sections 13 18 19 and 24
	Surface bottom level soil 1st rate. Upland rolling soil 2nd rate

T 29 N Bet. Rs 12 & 13 W

chains	
	North between sections 13 and 18
	Variation 13° 25' E
4000	Set post for 1/4 Section corner with mound of earth and pits as per instructions
8000	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 7. 12. 13 and 18
	Surface gently rolling soil 2nd rate

chains	
	North between sections 7 and 12
	Variation 13° 25' E
40 00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec. corner.
80 00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to sections 1. 6. 7. and 12.
	Surface gently rolling
	Soil 3rd rate.

chains	
	North between sections 1 and 6
	Variation 13° 25' E
40 00	Set post. deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80 00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Townships 29 and 30 North Ranges 12 and 13 West.
	Surface gently rolling
	Soil 3rd rate

Bet Tps 29 and 30 in R 12 W

chains

Beginning at the post the established corner to Townships 29 and 30 in Ranges 12 and 13 West I run

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

Variation by Burt's improved solar compass 13° 20' East

I set temporary half mile and mile posts at every 40 and 80 chains and at 6 miles and 11 links intersected East boundary of Township at a point 96 links North of corner to Townships 29 and 30 in Ranges 11 and 12 from which corner I ran

N 89° 53' West on a true line between sections 1 and

The correction will therefore be 11 links East and 16 South per mile and the Course will be N 89° 53' W

Bet Tps. 29 and 30 N R 12 W

chains

36 ~~[illegible]~~ ~~[illegible]~~ ~~North 89° 53' West~~

Variation 13° 20' E

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

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

Surface level

Soil 1st rate

Bet Tps 29 and 30 N R 12 W

N 89° 58'	West on true line between sections 2 and 35 Variation 13.20
4000	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
8000	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 2 3 34 and 35 Surface level Soil 2nd rate

Bet Tps. 29 and 30 N. R 12 W

N 89° 58'	West on true line between sections 3 and 34 Variation 13° 20' E
4000	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to 1/4 sections.
8000	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 3 4 33 and 34

Surface gently rolling
Soil 2nd rate.

Bet Tps 29 and 30 N R 12 W

N 89° 53'	West on true line between sections 4 and 33 Variation 13° 20' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 4. 5. 32 and 33
	Surface gently rolling. Soil 2nd rate.

Bet Tps 29 and 30 R 12 W

N 89° 53'	West on true line between sections 5 and 32 Variation 13° 20' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
68.00	Drain leads North
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 5. 6. 31 and 32
	Surface rolling Soil 2nd rate

Bet Tps 29 and 30 R 12 W

N 89°53'	West on true line between sections 6 & 31 Variation 13° 20' E
31.40	Drain bears North.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for ¼ section corner
80.11	Intersect post the established corner to Townships 29 and 30 N in Ranges 12 and 13 W
	Surface level Soil 2nd rate
	July 7th 1871

Bet Tps 29 and 30 N R 12 W

~~N 89°53'~~	General Description
	The surface of this Township is gently rolling soil, generally 2nd rate. The Elk Horn River runs through the southern portion with a wide bottom on either side which is level, and the soil of which is 1st rate. Grass grows finely in this bottom. Timber upon the banks of the river is very scattering.

Tp 30 N Bet. Rs 12 and 13 W

Chains	
	Beginning at the post the established corner to Townships 29 and 30 in Ranges 12 and 13 West Drun
	North between sections 31 and 36
	Variation 13° 25' E
39.00	Drain bearing East
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 25. 30. 31 & 36
	Surface level
	Soil 2nd rate

Tps. 30 N Bet Rs 12 and 13 W

Chains	
	North between sections 25 and 30
	Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
45.50	Enter ravine runs East
52.40	Leave ravine bearing East
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 19 24 25 and 30
	Surface gently rolling
	Soil 2nd rate

T 30 N Bet Rs 12 and 13 W

Chains	
	North between sections 19 and 24
	Variation 13° 25' E
40 00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80 00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 13 18 19 and 24
	Surface rolling. Soil 3rd rate.

T 30 N Bet Rs 12 and 13 W

Chains	
	North between sections 13 and 18
	Variation 13° 25' E
40 00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
52 00	Drain bearing N.W.
80 00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 7 12 13 and 18
	Surface rolling Soil 2nd rate

T. 30. N. bet. Ranges 12 & 13 W

chains	
	North between sections 7 and 12
	Variation 13.25
13.00	Enter ravine bearing N. E.
17.00	Leave ravine bearing N. E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake. raise mound of earth with pits as per instructions for corner to sections 1. 6. 7 and 12
	Surface very rolling Soil 2nd and 3rd rate.

T 30 N bet. Rs 12 and 13 W

chains	
	North between sections 1 and 6
	Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
77.00	Enter ravine bearing N. W.
79.00	Leave ravine bearing N. W.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Townships 30 and 31 in Ranges 12 and 13 W.
	Surface broken Soil 3rd rate.

Bet. Tps 30 and 31 ct R 12 W

chains

Beginning at the post the established corner to Townships 30 and 31 in Ranges 12 and 13 West I run

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

Variation by Burts improved solar compass 13° 25' East

I set temporary half mile and mile posts at every 40 and 80 chains and at 6 miles 1 chain and 32 links intersected East boundary of Township 60 links south of the corner to Townships 30 and 31 in Ranges 11 and 12 W, from which corner I

My correction will therefore be 1.32 chains East and 10 links North per mile and my course will be S 89 56' W

Bet Ts 30 & 31 ct R 12 W

chains

S. 89° 56' run, West between sections 1 and 36. ~~my course being South 89° 56' West~~

Variation 13° 25' E.

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

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

Surface gently rolling, soil 2nd rate.

Bet Ts 30 and 31 N R 12 W

S 89 56'	West on true line between sections 2 + 35 Variation 13° 25' E
4000	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
4150	Stream 5 links wide running North.
8000	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 2 3 34 and 35
	Surface rolling
	Soil 2nd rate

Bet Ts 30 and 31 N R 12 W

S 89 56'	West on true line between sections 3 and 34 Variation 13° 25' E
4000	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
8000	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 3. 4. 33 and 34.
	Surface rolling
	Soil 2nd rate.

Bet Ts 30 and 31 N R 12 W

S 89° 56'	West on true line between sections 4 and 33
	Variation 13° 25' E
21.00	Enter ravine bearing N. W.
23.40	Leave ravine bearing N. W.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post. deposite charred stake. raise mound of earth with pits as per instructions for corner to sections 4. 5. 32 & 33.
	Surface rolling
	Soil 2nd rate

Bet Ts 30 & 31 R 12 W

S 89° 56'	West on true line between sections 5 and 32
	Variation 13° 25' E
37.32	Bed of dry creek. large cottonwood trees scattered along the banks N. W.
40.00	Set post deposited charred stake raise mound of earth as per instructions for 1/4 section corner from which A Willow 8 in. dia. bears N 35° East 162 links dist. A Burr oak 16 in. dia N 80° E. 4 chs. distant
75.50	Enter scattering Burr oak timber and bottom bearing N. and S.
80.00	Set post deposite charred stake raise mound of earth for corner to sections 5 6 31 and 32 No bearing tree near.
	Surface very rolling upland
	Soil 3rd rate
	Bottom land
	Soil 1st rate

Bet. Ts 30 and 31 R 12 W

S 89° 56'	West between sections 6 and 31
	Variation 13° 25' E.
2 00.52	Stream 20 links wide one foot deep runs North.
2 21.50	Leave bottom and scattering timber and ascend bluffs bearing N and S.
4 22.80	Top of bluffs bearing N. & S.
40.00	Set post, ~~for~~ opposite charred stake raise mound of earth for co 1/4 section corner
80 81.32	Intersect post the established corner to Townships 30 & 31 Ranges 12 and 13 W
	Surface broken,
	Soil worthless.

July 8th 1871

Bet. Ts 30 and 31 R 12 W

General Description

The Southwestern and North-Eastern portions of this Township are either level or gently rolling, the Northwestern portion badly broken Soil 3rd rate.

There is a beautiful stream of water one mile from the western boundary which begins in section 32 and runs North through the Township, skirted with Burr oaks. The soil at this time is hard and dry and although of fair quality has not sufficient moisture to produce good grass

List of Names

A list of the names of the individuals employed to assist in running measuring or marking the lines and corner described in the foregoing field notes of the exterior boundaries of Townships 29 30 31 and 32 and Fractional Township 33 North in Range 11 West and Townships 29 and 30 North of Range 12 West showing the respective capacities in which they acted.

H. S. Gardner } Mounder & Axeman
L. A. Tannehill }
E. L. Wattemyre } Chainmen
A. C. Richards }

We hereby certify that we assisted William A. Richards deputy Surveyor in surveying the exterior boundaries of Townships 29 30 31 32 and fractional Township 33 North of Range 11 West and Townships 29 & 30 North of Range 12 West of the 6th Principal Meridian and that said Townships have been in all respects to the best of our knowledge and belief well and faithfully surveyed. and the boundary monuments planted according to the instructions furnished by the Surveyor General

H. S. Gardner
L. A. Tannehill
E. L. Wattemyre
A. C. Richards

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

Rollin C. Smith
Notary Public

I William A. Richards Deputy Surveyor, do solemnly swear that in pursuance of a joint contract wherein William A. Richards and Joseph W. Gay are joint contractors with E. E. Cunningham United State Surveyor General for the District of Iowa and Nebraska, bearing date June 15th 1871 I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions

furnished by the Surveyor General the Surveying Manual and the Marks of the United States surveyed all those parts or portions of Townships 29 30 31 & 32 and Fractional Township 33 North of Range 11 West and Townships 29 and 30 N. of Range 12 West of the 6th Principal Meridian 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 surveys have been established and perpetuated in strict accordance with the surveying

Manual and printed instructions and that the foregoing are the true and original field notes of such survey.

W. C. A. Richards

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

Rollin L. Smith
Notary Public

~~This line belongs on page 6~~

Township 31 North Ranges 11 and 12 W.

Chains	
	North bet Sections 13 and 18
	Variation 13° 20' East
4.80	Drain bears N. E.
10.00	Set post, deposit charred stake raise mound of earth with pits as per instructions for 1/4 Section Corner
64.00	Drain bears N E
80.00	Set post deposit charred stake raise mound of earth with pits as per instructions for corner to sections 7, 12, 13 and 18 Surface gently rolling, soil 2d rate

Copied on page 129 where it belongs

List of Names.

A list of the names of the persons employed to assist in surveying measuring and marking the lines and corners described in the following field notes of the exterior boundaries of Townships 31 & 32 North of Range 12 West Townships 29 30 31 & 32 North Range 13 West and Fractional Township 33 Ranges 12 and 13 West showing the respective capacities in which they acted.

H. S. Gardner } Mountain
L. A. Tannehill } & Hemen
E. L. Waltemyre } Chainmen
A. C. Richards }

T 31 N Bet Ranges 12 and 13 W

Chains	Beginning at the post the established corner to Townships 30 and 31 N. Ranges 12 and 13 West I run
	North between sections 31 and 36
	Variation 13.25' E
33.00	Enter ravine bearing S.E.
36.00	Leave ravine bearing S.E.
4000	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
8000	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 25 30 31 and 36
	Surface broken
	Soil 3rd rate.

T 31 N Bet Rs 12 & 13 W

chains	North between sections 24 and 30 Variation 18° 25' E
30.00	Enter Burr oak timber bearing N.E. and S.W.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec. corner from which A Burr oak 8 in. dia. S. 12° W 4 chs 40 links A Burr oak 12 in dia S. 20° East 1 ch. 70 links
43.70	Stream 30 links runs S. E.
48.50	Cross Stream 30 lks runs N.W.
51.20	Stream 30 lks runs E.
71.00	Leave bottoms and timber bearing E. and W.
80.00	Set post. deposite charred stake raise mound with pits as per instruction for corner to sections 19 24 25 and 30 Surface rolling Soil 2nd & 3rd rate Timber Burr oak.

T 31 N Bet Rs 12 and 13 W

chains	North between sections 19 and 24 Variation 13° 20' E.
36.00	Enter ravine bears E.
38.20	Leave ravine bearing E.
40.00	Set post. deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 13 18 19 and 24

Surface rolling

Soil 3rd rate

T 31 N Bet Rs 12 and 13

chains	North between sections 13 and 18 Variation 13° 25' E
36.10	Stream 10 lks. bears E
38.46	Stream 4 " " S. E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 7. 12. 13 and 18
	Surface rolling
	Soil 2nd rate

T 31 N Bet Rs 12 and 13 W

chains	North between sections 7 and 12 Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
56.00	Bed of dry creek course S. E.
72.00	Enter Burr oak timber bearing E. and W.
80.00	Set post. deposite charred stake raise mound of earth with pits as per instructions for corner to sections 1. 6. 7 and 12. from which
	A Burr oak 9 in. dia. bears S. 68° W. 25 lks. dist.
	A Burr oak 7 in. dia. bears S. 46 E. 30 lks dist.
	Surface broken. 3rd rate soil
	Timber Burr oak

T 31 N Bet Rs 12 and 13 W

Chains	
	North between 1 and 6
	Variation 13° 25' E
8.00	Stream 10 lks wide runs E.
14.40	Stream 6 " " " S.E.
34.00	" 6 " " " E
39.00	" 3 " " " S.E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec. corner. from which A burr oak 6 in. dia bears East 2 chains dist. A black oak 3 in. dia. bears S. 85° E 11 links dist.
40.70	Stream 2 lks wide runs S.E.
48.00	Leave timber bearing E & W.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Townships 31 & 32 N. Ranges 12 and 13 W.
	Surface broken Soil 3rd rate.
	Timber Burr oak

Bet Ts 31 and 32 in R 12 W

Chains	
	Beginning at the post the established corner to Townships 31 and 32 N Ranges 12 and 13 West I ran
	East on a random line between said Townships
	Variation by Burt's improved solar compass 13° 25' East
	I set temporary half mile and mile posts at every 40 and 80 chains and at 6 miles and 27 links to a point 1 chain = 28 lks
	South of the corner to Townships 31 & 32 N. Ranges 11 and 12 West from which corner I ran

My correction will therefore be 27 links East and 19 2/3 links North per mile and the course will be S 89° 52' W.

Bet Ts 31 and 32 N R 12 W

S. 89° 52' chains	West, on true line between 1 and 36. My course being ~~South~~ 89° 52' W Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec. corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for cor to sections 1 2 35 and 36
	Surface rolling.
	Soil 2nd rate.

Bet Ts 31 and 32 N in R 12 W

S. 89° 52' chains	West on true line between sections 2 and 35. Variation 13° 25' E
27.50	Stream 4 lks wide runs N.
34.00	Bed of dry creek water in holes. Course N. E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec. corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for ~~to~~ corner to sections 2 3 34 and 35
	Surface rolling
	Soil 2nd rate

Bet Ts 31 and 32 N R 12 W

S. 89°52'	West on true line between sections 3 and 34 Variation 13° 25' E.
4000	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec. corner
47.00	Enter deep ravine bearing north
49.00	Leave deep " " "
61.00	Enter deep ravine bearing N.
64.00	Leave " " " "
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 3. 4. 33 & 34
	Surface very rolling Soil 3rd rate

Bet Ts 31 and 32 N R 12 W

S 89°52'	West on true line between sections 4 and 33 Variation 13° 25
24.27	Stream 20 lks wide course North
~~35~~ 24.27	Enter bottom and scattering timber bearing N.E. and S.W.
37.87	Stream 35 lks. wide bears N.E.
4000	Set post deposite charred stake raise mound with pits as per instructions for 1/4 sec. corner from which A cottonwood 6 in. dia. bears N 55° W 22 lks. dist. A cottonwood 5 in dia bears S 70° E. 67 lks dist.
52.00	Leave bottom bearing N and S.
68.11	Bed of stream. Water in holes N.E.
72.12	" " " " " " S.E.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 4 5 32 and 33 from which A Bur oak 6 in dia S 47° ~~E~~ E 98 lks dist. Also a Bur oak 5 in dia N 43° W 52 lks dist. Surface rolling, Soil 3rd rate

Bet. Ts 31 and 32 N R 12 W

S 89° 52'	West on true line between sections 5 and 32
	Variation 13° 25' E
25.00	Leave Timber bearing N.E. & S.W.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 sec. corner
63.00	Enter ravine bearing N.E.
64.60	Leave " " "
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to sections 5 6 31 and 32
	Surface rolling
	Soil 3rd rate
	Timber Burr Oak

Bet. Ts 31 and 32 N.R 12 W

S 89° 52'	West on true line between sections 6 and 31
	Variation 13° 25' E
20.00	Bed of dry stream bearing N. E.
30.00	Bed of dry stream bearing S. E.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner.
80.27	Intersect corner to Townships 31 and 32 in Ranges 12 and 13.
	Surface broken
	Soil 8th rate.
	July 9th 1871

Bet. Ts 31 and 32 N R 12 W

5 General Description.

The West and North
2 boundary lines of the
4 Township are very
rough, and judging
from these and the
general appearance
of the country the
63 Township contains
6 but a small amount of
8 land fit for cultivation.
Many portions of it are
well adapted to grazing
especially for sheep.
Upon the numerous
streams flowing through
there are quite large
bodies of timber mostly
Burr oak.

T 32 N Bet Rs 12 + 13 W

chains	Beginning at the post the established 1 corner to Townships 31 & 32 N in Range 12 and 13 W Trun
	North between Sections 31 and 36
	Variation 18° 20' E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
42.00	Enter ravine comes from S W.
60.00	Leave ravine bears N E
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 25. 30. 31 and 36
	Surface rolling
	Soil 2nd rate

T 32 N Bet Rs 12 and 13 W.

chains	North between sections 25 and 30
	Va 13° 20' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 19. 24. 25 and 30
	Surface Rolling upland
	Soil 1st rate.

T32 N bet. Rs 12 + 13 W

chains	
	N. bet. sections 19 and 24
	Variation 13° 20' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 13 18 19 and 24
	Surface rolling upland
	Soil 1st rate

T32 N bet. Rs 12 and 13 W

chains	
	North between sections 13 and 18
	Variation 13° 20' E
40.00	Set post deposite charred stake. raise mound of earth with pits as per instructions for 1/4 sec. cor.
59.00	Summit of bluffs ~~Top of upland~~ bordering stream. bearing N.E. + S.W.
76.00	Foot of bluffs enter bottom bearing N.E. + S.W. contains scattering cottonwood trees.
77.90	Stream 10 lks wide runs N.E. Subject to overflow.
78.60	Leave bottom at base of bluffs.
80.00	Set post on sleep hill-side - deposite charred stake raise mound of earth with pits as per instructions for corner to sections 7 12 13 and 18
	Surface. Upland broken bottom level all 1st rate soil.

T 32 Vit Rs 12 and 13 W

chains	
	North between sections 7 and 12
	Variation 13° 20' E
00.50	Reach high rolling prairie.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec. corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 1 6 7 and 12
	Surface rolling
	Soil sandy 3rd rate.

T 32 N Vit Rs 12 and 13 W

chains	
	North between 1 and 6
	Variation 13.20
4000	Set post deposite charred stake raise mound of earth with pits, as per instructions for 1/4 section corner.
86.32	Intersect 8th Standard Parallel 5 chs. 19 lks west of 1/4 sections corner on south side of section 31.
	Surface gently rolling
	Soil 2nd rate.
	July 10th 1871

T 32 N Bet - Rs 12 & 13 W

chains		General Description
		This Township is
	0	traversed by a stream
2		of clear cold water
4	4	with wide bottoms on
		either side, which
		crosses the western
		boundary of section
6	80	18 and runs N. E.
6		South of this stream the
8		surface is partly broken
		and partly rolling, soil
		all good and mostly
		fit for cultivation.
		North of the stream the
		soil is sandy, and unfit
		for cultivation

T 33 N Bet - Rs 12 and 13 W

chains	
	Beginning at the post
	the established corner
	to Townships 32 & 33
	N in Ranges 12 and 13
	West I run
	North between sections
	31 and 36
	Va 13° 20' E
4000	Set post deposite charred
	stake, raise mound of
	earth with pits as
	per instructions for
	1/4 section corner
8000	Set post deposite charred
	stake, raise mound of
	earth with pits as
	per instructions for
	for corner to sections
	25 30 31 and 36
	Surface rolling 3rd rate
	Soil Sandy 3rd rate
	July 13th 1871

T. 33. N. bet. Rs 12 and 13 W.

5	Chains	North between sections 25 and 30 Variation 13° 20' E.
2 4	40.00	Set post deposite charred stake raise mound of earth with pits as per instruction for 1/4 sec. corner
6 6 8	80.00	Set post, deposite charred stake. raise mound of earth with pits as per instructions for corner to sections 19 24 25 and 30
		Surface gently rolling Soil 1st rate bearing good grass.

T 33 N Between Rs 12 & 13 W

Chains	North between 19 & 24 Variation 13 20 E
40.00	Set post deposite charred raise mound of earth with pits as per instructions for ~~corner~~ corner to 1/4 sections.
51.00	Enter ravine being N.E. skirted with Burr Oak Timber
53.00	Leave ravine bearing N.E.
61.00	Intersect the Niobrara River set post. deposit charred stake raise mound of earth with pits as per instructions for a Meander Corner to fractional Sections 19 & 24 Estimated width of river 2 chains. Surface rolling Soil 1st rate Note. There is no bottom at this place on the river. The water cuts into a high bank and the rolling upland comes to top of bank

July 11th 1871

General Description

The surface of this Township is rolling soil mostly 2nd rate. It contains a few small streams, skirted with timber, flowing into the Niobrara which stream at this point has very high and abrupt banks.

July. 11th 1877

T 29 N between Rs 13 & 14 W

Beginning at the post the established corner to Townships 28 and 29 in Ranges 13 and 14 W of the 7th Standard Parallel

North between sections 31 and 36

Variation 13° 25' E.

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

8000 Set post deposite charred stake raise mound of earth with pits as per instructions for corner to 25 30 31 and 36

Surface gently rolling

Soil 1st rate

T 29 N Bet Rs 13 and 14 W

North between sections 25 and 30

Variation 13° 25' E.

3000 Enter bottom bearing E. and W.

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

8000 Set post deposite charred raise mound of earth with pits as per instructions for corner to sections 19 24 25 and 30

Surface upland rolling bottom level

Soil all 1st rate

T 29 N bet Rs 13 & 14 W

North between sections 19 and 24

Variation 13° 25' E

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

71.55 Elk Horn River 35 lks. wide runs S.E.

80.00 Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 13, 18, 19 and 24

Surface level bottom

Soil 1st rate.

T 29 N bet Rs 13 and 14 W

North between sections 13 and 18

Variation 13° 25' E

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

45.00 Leave bottom bearing N.W. and S.E.

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

Surface of bottom level

Soil 1st rate

T 29 N Bet- Rs 13 & 14 W

North between sections 7 and 12
Variation 13° 25'

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

80.00 Set- post deposite charred stake raise mound of earth with pits as per instructions for corner to to sections 1 6 7 and 12

Surface gently rolling.
Soil 3rd rate.

T 29 N Bet- Rs 13 and 14 W

North between sections 1 and 6
Variation 13° 25' E

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

80.00 Set post. deposite charred stake. raise mound of earth with pits as per instructions for corner to Townships 29 and 30 in Ranges 13 and 14 W.

Surface gently rolling
Soil 2nd and 3rd rate.

Between Ts 29 and 30 R 13 W

chains

Beginning at the post the established corner to Townships 29 and 30 in Ranges 13 and 14 West I run

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

Variation 13° 25' E

I set temporary half mile and mile posts at every 40 and 80 chains and at 5 miles 78 chains and 64 links intersected the Eastern boundary of the Township at a point 1 chain South of the corner to Townships 29 and 30 in Ranges 12 and 13 W.

from which corner I ran

My correction will therefore be 1.36 West and 16 2/3 North per mile and the course will be S 89° 53' W

Between Ts 29 and 30 R 13 W

S. 89.53'

West on true line between sections 1 and 36. ~~My course being South 89° 53' West.~~

Variation 13° 25' E

4000

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

80.00

Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 1.2. 35 & 36

Surface gently rolling

Soil 3rd rate

Between Tp 29 and 30 R 13 W

S 89° 53' West on true line between sections 2 and 35
Variation 13° 25' E

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

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

Surface rolling

Soil sandy 3rd rate.

Between Tp 29 and 30 R 13 W

S 89° 53' West on True line between sections 3 and 34
Variation 13° 25' E

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

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

Surface rolling
Soil 3rd rate

Between Tp 29 & 30 R 13 W

S 89.53'	West on true line between sections 4 and 33 Variation 13° 20' E
40.00	Set post. deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 4 5 32 and 33
	Surface rolling Soil 2nd rate

Between Tp 29 and 30 R 13 W

S 89.53'	West on True line between sections 5 and 32 Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 5. 6. 31 and 32.
	Surface gently rolling Soil 3rd rate

Bet Ts 29 and 30 R 13 W

S 89° 53' West on true line between sections 6 and 31
Variation 13° 25' E

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

78.64 Intersect corner to Townships 29 and 30 N. Ranges 13 and 14 west.
Surface gently rolling
Soil 3rd rate

July 13th 1871.

T 29 N Range 13 W

General Description.

The surface of this Township is either level or gently rolling. soil is dry and hard varying from 1st to 3rd rate.
The Elk Horn River runs through the Southern portion in a South Easterly direction. It is a beautiful stream of clear water about 18 inches deep 35 links wide with only a few scattering trees upon its banks. The bottom is from 3 to 5 miles wide well adapted to grazing or agriculture.

T 30 N between Rs 13 & 14 W

chains	
	Beginning at the post the established corner to Township 29 and 30 N. in Ranges 13 and 14 W I run
	North between Sections 31 and 36
"	Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 25. 30. 31 and 36.
	Surface gently rolling.
	Soil 2nd rate.

T 30 N. Bet. Rs. 13 & 14

chains	
	North between sections 25 and 30
	Variation 13° 25' E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to sections 19 24 25 and 30
	Surface gently rolling
	Soil 3rd rate

T 30 N Bet Rs 13 & 14 W

chains	
	North between sections 19 and 24 Variation 13° 25' E
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions, for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 13 18 19 and 24
	Surface gently rolling
	Soil gravelly 3rd rate

T 30 N Bet Rs 13 & 14 W

chains	
	North between sections 13 and 18 Variation 13° 25' E
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 7 12 13 and 18
	Surface gently rolling
	Soil gravelly 3rd rate

T. 30. N. Bet. Rs 13 & 14 W

chains	North between sections 7 and 12. Variation 13° 25' E
29.30	Stream, 12 links wide runs East.
40.00	Set post deposite charred stake. raise mound of earth with pits as per instructions for 1/4 section corner.
80.00	Set post, deposite charred stake. raise mound of earth with pits as per instructions for corner to sections 1. 6. 7 and 12.
	Surface rolling
	Soil gravelly 3rd rate

T 30 N Bet. Rs 13 & 14 W

chains	North between sections 1. and 6 Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
69.00	Stream 20 links wide runs East
69.30	Spring runs S E into branch
80.00	Set post deposite charred stake. raise mound of earth with pits as per instructions for corner to Townships 30 and 31 in Ranges 13 and 14 West
	Surface rolling.
	Soil 1st rate.

Bet Ts 30 & 31 N R 13 W

Beginning at the post the established corner to Townships 30 and 31 in Ranges 13 and 14 West I ran East on a Random line between sections 6 and 31 5 and 32 4 and 33 3 and 34 2 and 35 1 and 36

Variation by Burts improved solar compass 13° 25' E.

I set temporary half mile and mile posts at every 40 and 80 chains and at 5 miles 79 chains and 95 links Intersect East boundary of Township 70 links south of corner to Townships 30 and 31 in Ranges 12 and 13 W.

My correction will therefore be 5 links west and 11 2/3 North per mile and the course will be S 89° 55' W.

Bet Ts 30 and 31 N R 13 W

chains	
	From which corner I ran S 89° 55 West on true line (~~my course being South 89° 55' West~~) between sections 1 and 36. Variation 13° 25' E
.50	Enter Ravine coming from S. E. and running West on line
6.00	Leave ravine which descends N. W.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
70.00	Enter bottom bearing N.E. and S.W
76.00	Enter timber bearing N.E. & S.W.
80.00	Set post, deposite

Bet. Tp 30 and 31 N R 13 W

charred stake, raise
mound of earth
~~with pits~~ as per
instructions for
corner to sections
1. 2. 35 and 36
from which
A Burr Oak 10 in. dia.
bears North 20 links
dist.
A Burr oak 10 in dia
bears South 20° West
55 lks. distant.

Surface broken
Soil 3rd rate
Timber Burr oak and
Cottonwood

Bet. Tp 30 and 31 N R 13 W

S 89°55'	West on true line between sections 2 and 35
	Variation 13 25' E
32.70	Stream 30 lks wide 14 inches deep, clear cold water sandy bottom low banks. Runs N.E.
40.00	Set post. deposite charred stake raise mound as per instructions for 1/4 section corner from which A Burr oak 19 in. dia. bears S. 1° W. 2.20 distant
	A Burr oak 7 in dia bears S. 50° E 1.42 distant
50.00	Leave timber and bottom bearing N.E. and S.W.
55.00	Enter ravine bearing South
57.00	Leave " " "
74.50	Enter ravine bearing South

lower

Bet Ts 30 and 31 N R 13 W

76.20	Leave ravine bearing S.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 2 3 34 and 35

Surface except in bottom broken, Soil 3rd rate.

Surface of bottom land soil 2nd rate

Timber Burr oak Cottonwood and Willow with an undergrowth of willow and Plum bushes

Bet Ts 30 & 31 N R 13 W

89.55	West on true line between sections 3 and 34
	Variation 18° 25' E
9.00	Ravine 3 chs. across, skirted with timber bears S.E.
13.80	Ravine 2 chs. wide bears S.E.
34.00	Ravine 4 chs. wide bears S.E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
43.50	Enter ravine bearing S.E
45.00	Leave ravine bearing S.E.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 3. 4. 33 and 34

Surface Broken
Soil 3rd rate

Bet Ts 30 and 31 N R 13 W

S 89° 55'	West between sections 4 and 33 Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
40.80	Enter deep ravine bearing S. E.
42.25	Leave deep ravine bearing S. E.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 4 5 32 & 33

Surface broken
Soil 3rd rate

Bet. Ts 30 & 31 N R 13 W

S 89° 55'	West on true line between sections 5 and 32 Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 5 6 31 and 32

Surface rolling
Soil 2nd to 3rd rate

Between Ts 30 and 31 R 13 W

S89°55'	West on true line between sections 6 and 31
	Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
79.95	Intersect post the established corner to Townships 30 and 31 in Ranges 13 and 14 W

Surface rolling
Soil 2nd rate

July 14th 1871

Bet Ts 30 and 31 N R 13 W

General Description

The surface of the Western boundary of this Township is gently rolling; the line is intersected by two beautiful streams of water running Eastward. The soil is very dry, but with plenty of moisture would produce well. Owing to its dryness it must be classed 2nd to 3rd rate. The Northern boundary is broken by numerous ravines and the soil must nearly all be classed 3rd rate

T 31 N bet Rs 13 and 14 W

chains

Beginning at the post the established corner to Townships 30 and 31 N. in Ranges 13 and 14 W Town

North on a true line between sections 31 and 36

Variation 13° 25' E

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

80.00 Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 25 30 31 and 36

Surface gently rolling Soil 2nd rate

T 31 N Bet Rs 13 and 14 W

chains

North between sections 25 and 30

Variation 13° 25' E

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

80.00 Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 19 24 25 and 30

Surface gently rolling Soil 2nd rate

T 31 N Bet- Rs 13 and 14 W

chains	
	North Between sections 19 and 24
	Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 13 18 19 and 24
	Surface rolling upland
	Soil 2nd rate

T 31 N Bet- Rs 13 and 14 W

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

T 31 N Rs 13 and 14 W

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

T 31 N Bet Rs 13 and 14 W

chains	
	North between sections 1 and 6 Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner.
75.20	Enter ravine bearing N.W.
77.28	Leave " " " "
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Townships 31 and 32 in Ranges 13 and 14 W
	Surface rolling Soil 2nd rate

Between Tps 31 and 32 N. in R 13 W

Beginning at the post the established corner to Townships 31 and 32 N. in Ranges 13 and 14 West I ran

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

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

I set temporary half mile and mile posts at every 40 and 80 chs. and at 5 miles 79 chains and 30 links intersected Eastern boundary of Township at a point 1 chain and 10 links north of the corner to Townships 31 and 32 in Ranges 13 & 13 W. ~~from which~~ corner I ran

My correction will therefore be 70 links West and 15½ links South per mile and the course will be N 89° 52' W.

But Tps 31 and 32 N. R 13 W

N 89° 52' West on a true line between sections 1 and 36 ~~my course being North 89° 52' West~~

Variation 13° 25' E.

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

45.00 Enter ravine bearing S.

48.20 Leave " "

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

Surface rolling

Soil 2nd rate

Bet T 31 and 32 N R 13 W

N 89°52'	West on true line between Sections 2 and 35
	Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
77.70	Dry creek course N.E.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 2 3 34 and 35
	Surface gently rolling
	Soil 2nd rate

Bet T 31 and 32 N R 13 W

N 89°52'	West on true line between sections 3 and 34
	Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake. raise mound of earth with pits as per instructions for corner to sections 3 4 33 and 34
	Surface gently rolling
	Soil 2nd rate

Bet Tp 31 and 32 N R 13 W

N 89°52'	West on true line between sections 4 and 33 Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 4 5 32 and 33
	Surface gently rolling
	Soil 2nd rate

Bet Tp 31 and 32 N R 13 W

N 89°52'	West on true line between sections 5 and 32 Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 5 6 31 and 32
	Surface rolling
	Soil 2nd rate

Bet. To 31 and 32 R 13 W

N 89°52'	West on true line between sections 6 and 31
	Variation 13° 25' E
33.00	Enter ravine bearing NW.
36.40	Leave " " "
40.00	Set post deposits chained stake raise mound of earth with pits as per instructions for 1/4 section corner
79.30	Intersect corner to Townships 31 and 32 in Ranges 13 and 14 W.

Surface gently rolling
Soil 2nds rate

July 15th 1871

Bet. To 31 and 32 N R 13 W

General Description

The Eastern portion of this Township is very rough badly broken by deep and abrupt ravines. The Western portion is either level or gently rolling. Soil 2nd and 3rd rate but mostly too dry for cultivation.

Township 32 N Bet. Rs 13 & 14 W

Chains	
	Beginning at the post the established corner to Townships 31 & 32 N in Ranges 13 and 14 West Drau
	North between sections 31 and 36
	Variation 13° 20' E
40.00	Set post deposite chared stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite chared stake raise mound of earth with pits as per instructions for corner to sections 25 30 31 and 36
	Surface Rolling
	Soil 2nd rate

T 32 N Bet Rs 13 and 14 W

Chains	
	North between sections 25 and 30
	Variation 13° 25' E
40.00	Set post deposite chared stake raise mound of earth with pits as per instructions for 1/4 section corner
57.00	Enter bottom bearing N. W.
60.00	Stream 6 lks. wide runs N. W
70.00	Leave bottom bearing N. W.
80.00	Set post deposite chared stake. raise mound of earth with pits as per instructions for corner to sections 19 24 25 and 30
	Surface rolling
	Soil 2nd rate

T. 32. N. bet. Rs. 13 & 14 W.

chains	
	North between sections 19 and 24
	Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to 13 18 19 & 24
	Surface rolling
	Soil 2nd rate

T. 32 N. Bet. Rs 13 and 14 W.

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

T 32 N between Rs 13 & 14 W

N.	Chains	North Bet 7 and 12 Variation 13° 25' E
	36.00	Enter bottom bears N.E.
	40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
33.		
36.		
40		
	41.65	Stream 30 links wide runs N.E. skirted with oak Elm and cottonwood
79.	46.00	Leave bottom bearing N.E.
	80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to sections 1, 6, 7 and 12

Surface S. of stream rolling soil 2nd rate
Surface North of stream rolling sandy and worthless.

T 32 N. Bt. Rs 13 and 14 W

Chains	North between sections 1 and 6 Variation 13° 25' E
49.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Section Corner
85.10	Intersect 8th Standard Parallel North 2.50 links west of 1/4 Section Corner on the South side of Sect on 31 T. 33 N Range 13 and set post deposit charred stake raise mound of earth with pits as per instructions, is closing corner to Sections 1 and 6 T. 32 bet. Ranges 13 and 14

July. 14. 1871

Surface rolling.
Soil Sandy Worthless.

General Description

This Township is traversed by a stream 30 links wide, which crosses the Western boundary in Section 7 running N. 80° E. and leaving the Township at the N.E. corner

(over)

The bottom is ten chs. wide and contains a considerable amount of timber oak, Elm, and Cottonwood. South of this stream the surface is gently rolling soil 2nd and 1st rate. North of the stream the soil is sandy and unfit for cultivation

Beginning at the post the established corner to Townships 32, and 33 in Ranges 13 and 14 West I ran North between sections 31 and 36.
Variation 13° 25' E

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

80.00 Set Post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 25 30 31 and 36

Surface rolling
Soil sandy & worthless

T 33 N Bet Ranges 13 & 14 W

chains	
	North between sections 25 and 30 Variation 13° 25' E
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 19. 24. 25 and 30.
	Surface rolling Soil Sandy Worthless

T 33 N Bet-Rs 13 and 14 W

chains	
	North between sections 19 and 24 Variation 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions, for corner to sections 13. 18. 19 and 24
	Surface rolling Soil Sandy Worthless

T 33 N Bet-Rs 13 & 14 W

chains

North between sections 13 and 18.

Variation 13° 25' E

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

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

Surface Rolling

Soil Sandy and Worthless

T 33 N Bet-Rs 13 & 14 W

chains

North between sections 7 and 12

Variation 13° 25' E

26.00 Enter bottom bearing E. & W. containing scattering cottonwood Elm and Oak trees

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

Prospect Niobrara River.

47.50 Set post deposit charred stake raised mound of earth with pits as per instructions for Meander corner as ordinary sections 7 & 12 No bearing tree near. Estimated width of river 25.00 lks

July 17 1871

We hereby certify that we assisted William A. Richards deputy surveyor in surveying the exterior boundaries of Townships number 31 & 32 North of Range 12 West. Townships 29 30 31 & 32 North, of Range 13 West & Fractional Township 33 in Ranges 12 & 13 West of the 6th Principal Meridian, and that said boundary lines have in all respects to the best of our knowledge and belief well and faithfully surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General

H. S. Gardner.
L. A. Tunnehill
E. J. Wallemyre
A. C. Richards

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

Rollin L. Smith
Notary Public

I William A. Richards Deputy Surveyor do solemnly swear that, in pursuance of a joint contract, wherein William A. Richards and Joseph W. Gay are joint contractors with E. E. Cummings United States Surveyor General for Nebraska and Iowa bearing date the 15th day of June 1871. I have well, faithfully & truly, in my own proper

person, and in strict conformity with the instructions furnished by the Surveyor General, the Surveying Manual, and the Laws of the United States, surveyed all those parts of portions of Townships 31 and 32 North of Range 12 West Townships 29 30 31 and 32 North of Range 13 West and Fractional Townships 33 North of Ranges 12 and 13 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 perfect=

nated in strict accordance with the surveying Manual and printed instructions, and that the foregoing are the true and original field notes of such survey.

W. A. Richards

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

Rollin C. Smith
Notary Public

General Land Office • Original Field Notes

Book Number

233

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.