General Land Office • Original Field Notes

Book Number

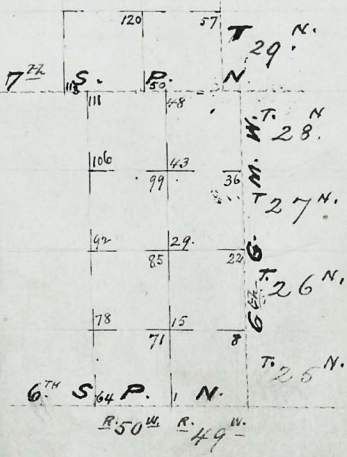
278

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

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

T. 25-29 N.
R. 49-52 W.

Index Diagram



"A"

Field Notes of the Exterior Boundary lines of Townships No's 25, 26, 27 & 28 of Range 47 and Townships 25, 26, 27 and 28 of Range 50, all North of the Base line and West of the 6th Principal Meridian in Nebraska Surveyed by Robert Harvey Deputy Surveyor under a joint Contract No. 118 dated the 13th day of August A.D. 1880, wherein Nicholas J. Deul, Robert Harvey and Charles R. Starkweather are joint Contractors with Geo. S. Smith United States Surveyor General for the District of Nebraska and Dowa

Survey Commenced Aug 26th 1880

Survey Completed Sept 4 1880

"B"

Names and duties of assistants

John L. Young	Chainman
Sam Peoples	Chainman
Max Amende	Cornerman
Edgar J. Seeley	Cornerman
Horace Tyrrell	Flagman

The Survey of the Exterior lines of Township No 25, 26, 27, 28 & 29 North, of Ranges 49 & 50 West of the 6th P.M. was executed with a Solar Compass, manufactured by Wm. Young Philadelphia Pa. No 4432. duly tested at Surveyor Genl's Office Washington D.C. & approved by the Surveyor General

Between Ranges 49 and 50 W. 6th PM
Tp. 25 N.

From the Corner to Townships 25 North of Ranges 49 and 50 West on the 6th Standard Parallel North, which I found, with pits 14 x 14 x 12 in Red Cedar Stake 2 x 2 x 24 in driven in East Drain

North on the Range with Burt's improved Solar Compass. between Sections 31 and 36

va

Between Range 49 and 50 W 6th P.M.
Tp 25 N.

From the Standard Corner to Town-
ship 25 North Range 49 and 50 W. on the 6th Stand-
ard Parallel North. which I
found with pits 18 x 18 x 12 in
deep with marked red Cedar Stake
2 x 2 x 24 in driven in East pit,
Drew
North on the Range Line between
Sections 31 and 36 variation
by Burt's improved Solar
Compass 14° 35' E

2000 Leave hay land and enter upland No 8 W
4000 Deposited Charred Stake raised
mound of earth 2½ feet high from
pits 24 x 24 x 12 in deep for 1/4 Sec Cor
8000 Deposited Charred Stake raised
mound of earth 2½ feet high from
pits 24 x 24 x 12 in deep for Corner to
Sections 25. 30. 31 and 36, drove
marked. Pine Stake 2 x 2 x 24 in in
S E pit
Hayland, black soil good hay
first rate but upland Clay
first rate soil

Between Ranges 49 and 50 W 6th PM
Tp. 25 N

North between Sections 25 and 30
Va 14°36' E

4000 Deposited Charred Stake raised mound of earth 2½ high from pits 24 X 24 X 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 X 24 X 12 in deep for Corner to Sections 19, 24, 25 and 30 drove Marked pine Stake 2 X 2 X 24 in in S.E. pit

Rolling Clay land
Second rate

Between Ranges 49 and 50 W. 6th P.M.
Tp. 25 N.

North between Sections 19 and 24
Va 14° 28' E

245 Ravine Course S.E.

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 X 24 X 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 X 24 X 12 in deep for Corner to Sections 13, 18, 19 and 24 drove Marked pine stake 2 X 2 X 24 in in S.E. pit

Gently rolling Surface
Clay land
Second rate

Between Ranges 49 and 50 W 6th P.M.
Tp 25 N

North between Sections 13 and 18
va 14° 28' E

460	Ravine Course E.
2300	Ravine Course S.E.
4000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor
8000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 7, 12 13 and 18 drove marked pine stake 2 x 2 x 24 in in SE pit

Gently rolling Surface
Clay land
Second rate

Between Ranges 49 and 50 W 6th P.M.
Tp 25 N.

North between Sections 7 and 12
va 14° 33' E

4000	Deposited Charred Stake raised Mound of Earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor
6520	Creek water in holes Course SE
8000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 1, 6 7 and 12 drove marked pine stake 2 x 2 x 24 in in SE pit

Rolling Clay land
Second rate

Between Ranges 49 and 50 W 6th PM
Tp 25 N

North between Sections 1 and 6
Va 14° 28' E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor

4180 Sidney and Spotted Tail Road vs N 88 W

8000 Deposited Charred stake raised Mound of earth 2½ feet high from pits 30 x 30 x 18 in deep for Corner to ~~Town~~ Townships 25 and 26 North of Ranges 49 and 50 West drove marked pine Stake 2 x 2 x 24 in in East pit

Quite rolling Clay land forestrate along line

"Point of Rocks" Springs are are in SE¼ SE¼ of Sec 1 There are also good springs of water up the Creek Poor quality of ~~a~~ clay rock crops from the hills along creek in Sec 1 of no value

From the Corner to Townships 25 and 26 N. of Ranges 49 and 50 West I run East on ~~the~~ random line between Townships 25 and 26 N of Range 49 West, ~~East between said Townships~~ Va 14° 55' East, setting temporary half section and Section Corners at every 40 and 80 chains and at 6 miles ~~Miles~~ and 30 links I intersect the 6th Guide Meridian 45 links North of the Corner to Tp's 25 and 26 North
Course N. 89° 57' W.

The Correction for the true line will therefore be East 30 links and South 7½ links per Mile

Note Tp. Corner, I found Lime Stone at point pits washed bale. re dug pits S. N & East West Side rock cannot be dug

Between Townships 25 and 26 North
Range 49 W 6th PM

From the Corner to Tps 25 and 26 N. of Ranges 48 and 49 West Down ~~West~~
North 89°57' West on a true line between Sections 1 and 36
Va 14° 55' E

855 Ravine Course South
2295 Gulch Course N.E.
4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in dep for 1/4 Sec Cor
8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in dep for Corner to Sections 1, 2, 35 and 36 Down Marked Pine Post 2 x 2 x 24 in in S E Pit
East 25 Chains broken Thirdrate
West 56 Chs Undulating Clay firstrate land

Between Townships 25 and 26 North
Range 49 W 6th PM

North 89°57' West on a true line between Sections 2 and 35
Va 14° 48' E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in dep for 1/4 Sec Cor
6155 Ravine Course S
8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in dep for Corner to Sections 2, 3, 34 and 35 Down Marked pine stake 2 x 2 x 24 in in S.E. pit

Gently ~~Undul~~ Undulating Clay firstrate land

Between Townships 25 and 26 North
Range 49 W. 6th P.M.

North 89°57' West on a true line between Sections 3 and 34
Va 14° 42' E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor

7040 Ravine Course S.

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 3, 4, 33 and 34 drove marked pine Stake 2 x 2 x 24 in in SE pit

Gently rolling Clay land
Gravelly Soil

Between Townships 25 and 26 North
Range 49 W 6th P.M.

North 89°57' West on a true line between Sections 4 and 33
Va 14°36 E

3225 Ravine Course S

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 4, 5, 32 and 33, drove marked pine Stake 2 x 2 x 24 in in S.E. pit

Rolling Clay land
Gravelly Soil

Between Townships 25 and 26 North
Range 49 West 6th P.M.

North 89° 57' West on a true line
between Sections 5 and 32
Va 14° 30' E

1945	Ravine Course S.E.
4000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in dep for 1/4 Sec Cor
8000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in dep for Corner to Sections 5, 6, 31 and 32 drove marked pine Stake 2 x 2 x 24 in in S.E. pit

Gently rolling Clay land
Firstrate Soil

Between Townships 25 and 26 North
Range 49 W 6th P.M.

North 89° 57' West on a true line
between Sections 6 and 31
Va 14° 27' E

1430	Ravine Course N.E. & S.W.
4000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in. dep for 1/4 Sec Cor
7730	Sidney and Spotted Tail Wagon Road bears N.W. & S.E.
20.30	The Corner to Tps. 25 and 26 North Ranges 49 and 50 West

Rolling Clay land
Firstrate Soil

J August 25th 1880

General Description

This is a good Township
The Surface is undulating
or gently rolling prairie
dark clay loam
The Surface slopes to the
South. There is water in
holes in the Creek in the
North west part of the Township
and has indications of
Moderate depth to water in
the Creek valley and through-
out the Township
There is no timber

Between Ranges 49 and 50 W 6th PM
Tp. 26 N.

Aug 26 Observation on Polaris
Time 8h 59m
Azimuth 1°48' E
Ang. of Last line with Mer. 1' East

From the Corner to Townships
25 and 26 North of Ranges 49 and
50 West Drum N
North between Sections 31 and 36
va 14° 27' E

4000 Deposited Charred stake
raised mound of earth 2½
feet high from pits 18 x 24 x 12
in deep for 1/4 Sec Cor

8000 Deposited Charred stake
raised mound of earth
2½ feet high from pits
24 x 24 x 12 in deep for
Corner to Sections 25. 30
31 and 36 Drove marked
pine stake 2 x 2 in x 2 feet long
in S E Pit.
Undulating Surface Clay
Soil first rate

Between Ranges 49 and 50 W. 6 PM
T. 26 N

North between Sections 25 and 30,
va 14° 28' E

4000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 1½ in deep for 1/4 Sec Cor
5990	Large Ravine Course S.E.
6700	Drain Course S.E.
8000	Set Sandstone 12 x 9 x 3 in deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 1½ in deep for Corner to Sections 19. 24. 25 and 30, drove marked pine stake 2 x 2 in x 2 ft long in S E pit

Gently rolling Clay first rate land

Between Ranges 49 and 50 W 6th PM
T. 26 N.

North between Sections 19 and 24
va 14° 35' E

3620	Ravine Course S.W.
4000	Deposited Charred stake raised mound of earth 2½ feet high from pits 24 x 24 x 1½ in deep for 1/4 Sec Cor
8000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 1½ in deep for Corner to Sections 13. 18. 19 and 24 drove marked pine stake 2 x 2 in x 2 feet long in S.E. pit

Gently rolling Clay land first rate land

Between Ranges 49 and 50 W 6th P.M.
T. 26 N

North between Sections 13 & 18
va 14° 54' E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 7, 12, 13 and 18 drove marked pine Stake 2 x 2 in x 2 feet long in S.E. pit

Rolling Clay land
first rate

Between Ranges 49 and 50 W 6th P.M.
T. 26 N

North between Section 7 and 12
va 14° 56' E

2550 Drain Co S.E.

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 1, 6, 7 and 12 drove marked pine Stake 2 x 2 in x 2 feet long in SE pit

Gently rolling Clay Soil
first rate

Between Ranges 49 and 50 6th PM
T 26 N

North between Sections 1 and 6
Va 14° 56' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1 Corner to Townships 26 and 27 North Ranges 49 and 50 West drove marked pine Stake 2 x 2 in x 2 feet long in S.E. pit

Undulating Surface
Finstrate land

From the Corner to Townships 26 and 27 North, Ranges 49 and 50 West I run East on a random line between Said Townships, setting temporary half mile and Mile Corners at every 40 and 80 Chains and at 5 miles 79 Chains and 35 links I intersect the 6th Guide Meridian 12 links South of the Corner to Townships 26 and 27 North on Said Meridian

Va. 14° 46' East

The Correction for the true line will be 65 links West and 2 links North per Mile. Course, S. 89° 59' W.

Township Cor. Mound good re-dug pits. no stake found

Between Townships 26 and 27 North
R. 49 W. 6th P.M.

From the Township Corner to 26 and 27 on the 6th Guide Meridian Draw
South 89°59' West on a true line between Sections 1 and 36
va 14° 40' E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor

~~7750~~ ~~Drain course South~~
8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 1. 2. 35 and 36 drove Marked pine Stake 2 x 2 in x 2 feet long in S.E. pit

Gently rolling Clay Soil
Firstrate land

Between Townships 26 and 27 North
Range 49 W. 6th P.M.

South 89°59 West on a true line between Sections 2 and 35
va 14° 45' E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor

7750 Drain course South
8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 2. 3. 34 and 35 drove marked pine Stake 2 x 2 in x 2 feet long in S.E. pit

Gently rolling Clay land
Firstrate Soil

Between Townships 26 and 27 North
Range 49 W 6th P.M.

South 89°59 West on a true line between Sections 3 and 34
Va 14° 50' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x ½ in deep for 1/4 Sec Cor

5655 Drain Course North

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x ½ in deep for Corner to Sections 3, 4 33 and 34 drove marked pine Stake 2 x 2 in x 2 feet long in S.E. pit

Undulating Clay Soil
for strata Data

Between Townships 26 and 27 North
Range 49 W 6th P.M.

South 89°59 West on a true line between Sections 4 and 33
Va 14° 55' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x ½ in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x ½ in deep for Corner to Sections 4 5. 32 and 33 drove marked pine Stake 2 x 2 in x 2 feet long in S.E. pit

Gently rolling Clay loud
for strata Soil

Between Townships 26 and 27 N
Range 49 W. 6th P.M.

South 89°59' West on a true line between Sections 5 and 32
Va 14°55' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 1½ in dep for 1/4 Sec Cor

6095 Drain course South

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 1½ in dep for Corner to Sections 5. 6. 31 and 32 drove marked pine Stake 2 x 2 in x 2 feet long in S.E. pit

Country rolling Surface & Clay loam first rate Soil

Between Townships 26 and 27 North
Range 49 W 6th P.M.

South 89°59' West on a true line between Sections 6 and 31
Va 14°50' E

3365 Spotted Tail and Sidney road Trs N and South

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 1½ in dep for 1/4 Sec Cor

7435 The Corner to Townships 26 and 27 North of Ranges 49 and 50 West

Country rolling & Clay loam first rate Soil

Aug 27 1880

General Description

This is a good Township
The surface is gently rolling
has dark clay loam
and will make good farm
land there is neither living
water or timber in the Township

Between Ranges 49 and 50 W 6th P.M.
T. 27 N

From the Corner to Townships 26
and 27 North of Ranges 49 and
50 West I run
North between Sections 31 and 36
Va 14° 37 East
4000 Deposited charred stake raised
mound of earth 2½ feet high
from pits 24 x 24 x 12 in deep
for 1/4 Sec Cor
8000 Deposited charred stake
raised mound of earth 2½
feet high from pits 24 x 24
x 12 in deep for Corner to Sect.
25. 30. 31 and 36 drove marked
pine stake 2 x 2 in x 2 ft long
in SE pit

Gently undulating surface
good clay soil
fractional

Between Ranges 49 and 50 W 6th P.M.
T. 27 N

North between Sections 25 and 30
va 14° 51' E

4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 × 24 × 1½ in deep for ¼ Sec Cor
7190	Ravine Course N.E.
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 × 24 × 1½ in in S.E. pit drove marked pine Stake 2 × 2 in × 2 feet dis S.E. pit for Cor. to Secs 19, 24, 25 and 30

Gently rolling Clay Soil
firstrate

Between Ranges 49 and 50 W. 6th P.M.
T. 27 N.

North between Sections 19 and 24
va 14° 51' E

1690	Ravine Co. E.
3310	Ravine Course S.E.
4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 × 24 × 1½ in deep for ¼ Sec Cor
6230	Ravine Course S.E.
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 × 24 × 12 in deep for Corner to Sections 13, 18, 19, 24. ~~25 and 30. drove~~ marked pine Stake 2 × 2 in × 2 ft dis S.E. pit

Gently rolling Clay Soil
firstrate land

Between Ranges 49 and 50 W 6th P.M.
T. 27 N.

North between Sections 13 and 18
Va 14° 51' E

4000 Deposited charred stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited charred stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 7. 12. 13 and 18 drove Marked pine stake 2 x 2 in x 2 feet long

Sandy rolling Clay Soil
fenestrate land

Between Ranges 49 and 50 W 6th P.M.
T. 27 N.

North between Sections 7 and 12
Va 14° 51' E

4000 Deposited charred stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited charred stake raised mound mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 1. 6. 7 and 12 drove Marked pine stake 2 x 2 in x 2 feet long in S.E. pit.

Sandy rolling Clay Soil
fenestrate land

Between Ranges 49 and 50 W 6th PM
T. 27 N.

North between Sections 1 and 6
Va 14° 51' E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to ~~Townships~~ Ranges 49 & 50 West 27 and 28 North drove Marked pine Stake 2 x 2 in x 2 feet long in S.E. Pit.

Gentle Rolling Clay land
Firstrate soil

East on a random line between Townships 27 and 28 North Range 49 West Setting half Mile and Mile Corners at every 40 and 80 Chains and at 5 Miles and at 78 Chains and 72 links I intersect the 6th Guide Meridian 1 Chain and 117 links South of the Corner to Townships 27 and 28,

The Correction for the true line will therefore be 1 Chain and 28 links West, and 19½ links North per Mile.
and my Course S. 89° 52' W.

Township Corner Mound good Rodeg pits. No stake found.

Between Townships 27 and 28 N.
Range 49 W 6th P.M.

South 89° 52' West on a true line between Sections 1 and 36
va 14° 57' W

4000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 24 x 24 x 1/2 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 24 x 24 x 1/2 in deep for Corner to Sections 1. 2. 35 and 36 drove marked pine Stake 2 x 2 in x 2 feet in S.E. pit

Undulating Clay land
first rate soil

Between Townships 27 and 28 N
Range 49 W 6th P.M.

South 89° 52' West on a true line between Sections 2 and 35
Va 14° 58' W

4000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 24 x 24 x 1/2 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 24 x 24 x 1/2 in deep for Corner to Sections 2. 3. 34 and 35 drove marked pine Stake 2 x 2 x in x 2 feet long in S.E. pit

Undulating Clay land
first rate soil

Between Townships 27 and 28 N
Range 49 W

South 89° 52' West on a true line between Sections 3 and 34
Va 14° 57 E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 X 24 x 12 in dep for ¼ Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in dep for Corner to Sections drove marked pine stake 2 x 2 in x 2 feet long in S.E. pit 3. 4. 33 & 34

Undulating Clay land
Prairie Soil

Between Townships 27 and 28 N.
Range 49 W. 6th P.M.

South 89° 52' West on a true line between Sections 4 and 33
Va 14° 57 E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in dep for ¼ Sec Cor

7890 Ravine Course N.W.

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in dep for Corner to Sections 4. 5 - 32 and 33 drove marked pine stake 2 x 2 in x 2 ft long in S.E. pit

Undulating Clay Soil
Prairie Soil

Between Townships 27 and 28 N
Range 49 W. 6th P.M.

South 89°52' West on a true line between Sections 5 and 32
va 14°51' E

2440 Ravine Course N.W.
4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 24 x 24 x 1½ in deep for 1/4 Sec Cor
5390 Ravine Course N.E.
8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 1½ in deep for corner to Sections 5. 6. 31 and 32 drove marked pine Stake 2 x 2 in x 2 feet long

Undulating Clay land
Fenstrate Soil

Between Townships 27 and 28 North
Range 49 W. 6th P.M.

South 89°52' West on a true line between Sections 6 and 31
va 14°51' E

1600 Drain Course N.E.
1850 Drain Course S.E.
2390 Sidney and Gopotten Tail Road Iss N.E.S.
4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 1½ in deep for 1/4 Sec Cor
7872 The Corner to Townships 27 and 28 North Ranges 49 and 50 W.

Gently rolling Clay land
Fenstrate Soil

Aug 28th 1880

General Description

This is a good Township
The Surface is gently rolling
and has dark clay loam and
is loam and friable
There is neither Timber nor
living water

Between Ranges 49 and 50 W 6th P M
T. 28 N.

Aug 28 Observation on Polaris
Time 8 h 50 min
Azimuth 1° 48' E
angle of Range line T. 27. with Mer. 3' E

From the Corner to Townships 27 and
28 N. Range 49 and 50 West
Drain
North between Sections 31 and 36
Va. 14° 48' E

4000 Deposited Charred Stake
raised Mound of earth 2½ feet
high from pits 24 x 24 x 12 in
deep for 1/4 sec Cor

8000 Deposited Charred Stake
raised Mound of earth 2½ feet
high from pits 24 x 24 x 12 in
deep for Corner to Sections 25: 30
31 and 36 drove marked pine
Stake 2 x 2 in x 2 feet ~~[illegible]~~ E pit

Gently rolling Clay land
first rate

Between Ranges 49 and 50 W. 6th P.M.
T. 28 N.

North between Sections 25 and 30
Va 14° 48' E

430	Ravine Course N.W.
4000	Deposited Charred Stake 2½ feet high from pits 24 x 24 x 12 in deep for ¼ Sec Cor
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 19, 24, 25 and 30 drove marked pine stake 2 x 2 in x 2 feet long in S.E. pit

Rustproofing Clay land
first rate land

Between Ranges 49 and 50 W. 6th P.M.
T. 28 N.

North between Sections 19 and 24
Va 14° 48' E

1200	Dry Creek course East
2370	Gulch S.E.
4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for ¼ Sec Cor
4800	Ravine Course S.E.
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 13, 18, 19 and 24 drove marked pine stake 2 x 2 in x 2 feet high from pits 24 x 24 x 12 in in S.E. pit

S 50 chs broken 2nd Rate
North 30 chs undulating
Clay land first rate

Between Ranges 49 and 50 W 6th PM
T. 28 N.

North between Sections 13 and 18
Va 14° 48' E

1700	Drain Course S.E.
4000	Deposited Charred stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor
8000	Deposited Charred stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 7, 12, 13 and 18. drove Marked pine stake 2 x 2 in x 2 feet long in S.E. pit

Undulating Clay land
prairie Soil

Between Ranges 49 and 50 W 6th P.M.

North between Sections 7 and 12
Va 14° 50' E

3855	Ravine Course N.W.
4000	Deposited Charred stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for 1/4 Sec Cor
5700	Gulch Course N.W.
6245	Ravine Course N.W.
7125	Gulch Course N.W.
8000	Deposited Charred stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Corner to Sections 1. 6. 7 and 12 drove Marked pine stake 2 x 2 in x 2 feet long in S.E. pit

South 30 chs undulating
Clay firstrate
North 80 broken by gulches
secondrate land

Between Ranges 49 and 50 W 6th P.M.
T. 28 N.

North between Sections 1 and 6
Va 14° 50' E

4000 Deposited charred stake raised mound of earth 2½ feet high from pits 24 x

5000 Enter valley Ns E & W

8076 Intersected the 7th Standard Parallel North 61.15 chains East of the Standard Corner to 31 and 32 T 29 N - R 48 W.
Deposited charred stake raised mound of earth 2½ feet high from pits 24 x 24 x 12 in deep for Closing Corn to Townships 28 North
drove marked pine stake 2 x 2 in x 2 feet long in South pit.

South 50 chs Broken Secondary
North 50 undulating clay first rate

Stand Cor Mound & pits
Re-dug stakes C. Pit

This is a fair township a deep broad ravine crosses East - through the middle of the Township adjoining this the land is broken. There is however a large amount of smooth prairie that has deep rich dark clay loam

There is neither timber or living water in the Township

Between Ranges 49 and 50 W 6th P.M.
T. 29 N.

From the Standard Corner to Township 29 North of Ranges 49 and 50 West on the 7th Standard Parallel North
mound & pits Redrove stake in
Drum

North between Sections 31 and 36
Va 14° 42'

500 Drain Course N.E.
770 Same drain course N.W.
1025 Same drain Course N.E.
4000 Deposited Charred stake raised mound of earth 2½ feet high from pits 24 x 1½ in deep for 1/4 sec cor
8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 24 x 1½ in deep for Corner to Sections 25. 30. 31 and 36 drove marked pine stake 2 x 2 in x 2 feet long in S.E. pit

Between Ranges 49 and 50 W 6th P.M.
T. 29 N.

North between Sections 25 and 30
Va 14° 45' E

2750 Enter River Valley bns E & W.
3500 Niobrara River 35 lks wide runs S.E.
4000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for 1/4 sec cor
5340 Leave River valley bns N E & S W
7070 Wagon Road bns E & W.
8000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for Corner to Sections 19, 24, 25 and 30 drove marked pine stake 2 x 2 in x 2 feet long in S.E. pit

River valley Sandy Secondrate
Upland firstrate clay land

Between Ranges 49 and 50 W 6th P.M.
T. 29 N.

North between Sections 19 and
Va 14° 45'

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18x24 x 1½ in dep for ¼ Sec Cor

4500 Drain Course S.E.

4800 Same Drain Course S.W.

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18x24x1½ in dep for Corner to Sections 13, 18, 19 and 24 drove marked pine Stake 2x2 in x 2 feet in S.E. pit

Rolling Clay land
Sandy Soil
Firstrate

Between Ranges 49 and 50 W 6th P.M.
T. 29 N.

North between Sections 13 and 18
Va 14° 45' E

500 Drain Course S.E.

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18x24 x 1½ in dep for ¼ Sec Cor

7300 Leave gently rolling prairie and Enter broken land bns E & W

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18x24 x 1½ in dep for Corner to Sections 7, 12, 13 and 18 drove marked pine Stake 2x2 in x 2 feet long in S.E. pit

South 73 chs. good
Secondrate
balance Thirdrate

Between Ranges 49 and 50 W 6th P.M.
T. 29 N.

North between Sections 7 and 12
Va 14° 45' E

100	Ravine course S.W.
3000	Enter Ravine and run down same
3900	Leave ravine course N.E.
4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
4160	Ravine course N.E.
7300	Ravine course E
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for corner to Sections 1, 6, 7 and 12 drove marked pine stake 2 x 2 in x 2 feet long in SE pit

Rolling and Broken
This date

Between Ranges 49 and 50 W 6th P.M.
T. 29 N.

North between Sections 1 and 6
Va 14° 45' E

2800	Ravine course N.E.
4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
4820	Ravine course S.E.
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for corner to Townships 29 and 30 N. of Ranges 49 and 50 West drove marked Cottonwood stake 2 x 2 in x 2 feet long in SE pit

Rolling Clay land
Second date

From the Corner to Town Ships 29 and 30 North of Ranges 49 and 50 West I run the random line east between said Townships setting temporary half sect and Section Corners at every 40 and 80 Chains and at 6 Miles and 20 links I intersect the 6th Guide Meridian 96 links South of the Corner to Townships 29 and 30 North. In Mound found post 3 x 3 in x 5 feet long

Renewed mound.

7

The Correction for the true line will therefore be 20 links East and 16 links North per Mile

and the Course, S. 89° 53' W.

Between Townships 29 and 30 North
Range 49 W 6th PM

From the Corner to Townships 29 and 30 N. on the 6th Guide Meridian I run

South 89° 53' West on a true line between Sections 1 and 36

Va 15° E

330 Ravine Course N.E.

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 114 Sec Cor

6150 Ravine Course N.E.

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Secs. 1. 2. 35 and 36 drove marked pine Stake 2 x 2 in x 2 ft long in S.E pit -

Rolling Clay land
Secondrate

Aug 29th 1880

Between Townships 29 and 30 N. 1
Range 49 W. 6th PM

South 89° 53' West on a true line between Sections 2 and 35
Va 15° E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

4010 Ravine Co. N.W.

5825 Ravine Course S.E.

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 2, 3, 34 and 35 drove marked pine Stake ~~raised~~ 2 x 2 x 2 ft long in S E pit

Rolling broken Secondrate land

Between Townships 29 and ~~28~~ 30 North
Range 49 W 6 PM

South 89° 53' West on a true line between Sections 3 and 34
Va 15° E

2545 Ravine Course S.E.

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

4345 Ravine Course S.E.

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 3, 4, 33 and 34 drove marked pine Stake 2 x 2 in x 2 feet long in S.E. pit

Gently rolling Clay land
Secondrate

Between Townships 29 and 30 North
Range 49 West 6th P.M.

South 89° 53' West on a true line between Sections 4 and 33
Va 14° 55' E

250 Ravine Course S.E.
800 Same Ravine Course N.E.
2350 Same Ravine Course S.E.
4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7295 Ravine Course S.E.
7515 Same Ravine Course N.E.
7900 Same Ravine Course S.E.
8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 4. 5. 32 and 33 drove marked pine Stake 2 x 2 in x 2 feet long in SE pit

Rolling and broken
Third rate

Between Townships 29 and 30 North
Range 49 W 6th P.M.

South 89° 53' West on a true line between Sections 5 and 32
Va 15° E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
4985 Small Drain Course S.E.
7160 Drain Course S.E.
8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Secs 5. 6. 31 and 32 drove marked pine Stake 2 x 2 in x 2 feet long in SE pit

Rolling Clay Second rate

Between Townships 29 and 30 North
Range 49 West

S. 89° 03' West on a true line
between Sections 6 and 31
Va 15° E

200 Large Drain Course N.E.
985 Same Course S.E.
1480 Canyon Course N.E.
4000 Deposited Marked Stone
raised mound of earth 2½
feet high from pits 18 x 2
x 1½ in dep for 1/4 Sec Cor
8020 The Corner to Townships
29 and 30 North of Range
49 and 50 West

Rolling Clay land
Second rate

Aug 30th 1880

General Description

This Township is watered by the Niobrara from West to East through the South part. There are also holes of Spring water in Cottonwood Creek in the North East part. The Township is mostly high rolling prairie considerably broken Clay land most by second rate on account of being broken by ravines and Canyons There are a few Cottonwoods along the river and on the Creek in North East part.

Between Ranges ~~49~~ 50 and ~~50~~ 51 W 6th P.M.
T. 25 N.

From the Standard Corner
Township 25 North Ra
50 and 51 West on the 6th Sta
ard Parallel North Drum
North between Sections 31 and
va 14° 50' E

4000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24
x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake
raised mound of earth 2½ f
high from pits 18 x 24 x 12
in deep for Corner to Secs.
25. 30. 31 and 36 drove marke
pine Stake 2 x 2 in x 2 feet in
S.E. pit

Quitty rolling Clay land
Firstrate

Between Ranges 50 and 51 W. 6th P.M.
T. 25 N.

North between Sections 25 and 30
va 14° 47' E

4000 Deposited Charred Stake
raised mound of earth 2½ ft
high from pits 18 x 24 x 12 in
deep for 1/4 Sec Cor

8000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24
x 12 in deep for Corner to
Sections 19. 24. 25 and 30 drove
marked pine Stake 2 x 2 in x 2 ft
in S.E. pit

Quitty rolling good
Secondrate

Between Ranges 50 and 51 W 6th P.M.

North between Sections 19 and 24
Va 14° 50' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 in dep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 in dep for Corner to Sections 13. 18. 19 and 24 drove marked pine Stake 2 x 2 x 2 feet in SE pit

Sandy rolling Clay Soil
first rate Land

Between Ranges 50 and 51 W 6th P.M.
J. 25. N.

North between Sections 13 and 18
Va 14° 55' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for 1/4 Sec Cor

6025 Small Drain Course S.E.

6050 Drain Course S.E.

8000 Set Sandstone 16 x 5 x 4
Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for Corner to Sections 7. 12. 13 and 18 drove marked pine Stake 2 x 2 x 2 feet in SE pit

Sandy rolling Clay and Sandy Soil first rate

Between Ranges 50 and 51 W 6th P.M.

North between Sections 7 and 12

Va 14° 58' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for 1/4 Sec Cor

8000 Deposed Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 1½ in dep for Corner to Sec 1. 6. 7 and 12 drove marked pine Stake 2 x 2 in x 2 feet in S.E. pit

Gently rolling Clay Soil first rate

Between Ranges 50 and 51 W. 6th P.M.

T. 25 N.

North between Sections 1 and 6

Va 15° 05' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for 1/4 Sec Cor

7200 Small Drain Course N.E.

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for Corner to Sections 1. 6. 31 and 36. and Corner to Townships 25 and 26 North Ranges 50 and 51 W. drove Marked pine Stake 2 x 2 in x 2 feet in South pit

Gently rolling Clay Soil first rate

Aug 31st

From the Corner to Township
25 and 26 North Ranges 50 and
West Drum East on a random
line between said Townsh
Settling half Section and Sect
Corners at every 40 and 80 Chai
and at 5 Miles 79 Chains
and 95 links I intersect th
Range line between Range
49 and 50 west at a point
81 links North of the Corner
Townships 25 and 26 North

The Correction will there
fore be 5 links west and 13½
links South per mile and my
Course, N. 89° 54' W.

North

Between Townships 25 and 26 North
Range 50 W. 6th P.M.

North 89°54 West on a true line
between Sections 1 and 36
& a 14°24 E

3240 Ravine Course S.E.

4000 Deposited Charred Stake
raised mound of earth 2½ feet
high from pits 18×24×12 in
deep for 1/4 Sec Cor

8000 Deposited Charred Stake
raised mound of earth 2¼ feet
high from pits 18×24×12 in
deep for Corner to Sections 1, 2
35 and 36 drove marked pine
Stake 2×2 in×2 feet in S Epit

Rolling Clay Soil first ati

Between Townships 25 and 26 N.P.
Range 50 W. 6th P.M.

North 89°54 West on a true line
Va 14° 28' E

135 Dry Oak Corner S.E.

4000 Deposited charred stake raised mound of earth 2½ feet high from pits 18x24 x 12 in deep for 1/4 Sec Cor

8000 Deposited charred stake raised mound of earth 2½ feet high from pits 18x24 x 12 in deep for Corner to Sections 2. 3. 34 and 35 drove marked pine stake 2x2 in x 2 feet ~~high~~ in S.E. pit

Rolling Clay land
first rate Soil

Between Townships 25 and 26 North
Range 50 W. 6th P.M.

North 89°54' West on a true line between Sections 3 and 34
Va 14° 30' E.

4000 Deposited charred stake raised mound of earth 2½ feet high from pits 18x24 x 12 in deep for 1/4 Sec Cor

8000 Deposited charred stake raised mound of earth 2½ feet high from pits 18x24 x 12 in deep for Corner to Sections 3. 4. 33 and 34 drove marked pine stake 2x2 in x 2 feet in S.E. pit

Dusty rolling Clay Soil
first rate

Between Townships 25 and 26 N. 6th P.M.
Range 50 W. 6th P.M.

North 89° 54' West on a true line between Sections 4 and 33
Va 14° 36' E

750 Drain Course S.E.
3750 Short Drain Course S
4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7300 Large Drain Course S.E.
8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections ~~3.~~ 4. 5 ~~3~~ 2 ~~8~~ 3 2 and ~~3~~ 3 ~~4~~ 3 3 drove marked pine Stake 2 x 2 in x 2 ft in S E pit

Gently rolling Clay Soil
First Rate

Between Townships 25 and 26 N.
Range 50 W 6th P.M.

North 89° 54' West on a true line between Sections 5 and 32
Va 14° 35' E

3850 Short deep Drain Co. N.
4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
6300 Head of Drain Course N.E.
8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 5. 6. 31 and 32 drove marked pine Stake 2 x 2 in x 2 ft in S.E. pit

Gently rolling Clay Soil
fertrate land

Between Townships 25 and 26 N.
Range 50 W 6th P.M.

North 89° 54' West on a true line
between Sections 6 and 31
Va 15.0 0.6

3900 Head of Drain Course N.E.
4000 Deposited Charred Stake
raised mound of earth
2½ feet high from pits
18 x 24 x 12 in deep for 114
See Cor

6300 Drain Course N.E.
7995 The Corner to Township
25. 26. North of Ranges
50 and 51 West

Quite rolling Clay land
Fertile Soil

General Description

This is a good Township
The Surface is quite
rolling dark Clay loam
and will make good farm
Land
There are Springs of
Clear Cold water in the Creek
in the North East Corner
of the Township
There is no wood
The Sidney and Spotted
Tail Road runs North East
through the Township

There is also good Springs in
the Extreme South East Corner
of Section 34

Between Ranges 50 and 51 W 6th P.M.
Tp. 26 N.

Aug 31 Observation on Polaris
Time 8h 40' m
Azimuth 1° 48'
Angle of Range line in Tp 25 N
bet. Rs. 50 and 51 W with Mer. 1° E.

From the Corner to Townships
25 and 26 North Ranges 50 and 51
West Drum North between
Sections 31 and 36
Va 15° 08' E

2520 Drain Course South East-
4000 Deposited Charred Stake
raised mound of earth 2½ feet
high from pits 18 x 24 x 12 in
deep for 1/4 Sec Cor
6400
8420 Drain Course S.E.
8000 Deposited Charred Stake
raised mound of earth 2½ feet
high from pits 18 x 24 x 12 in
deep for Corner to Sections 25. 30.
31 and 36 drove marked pine Stake
2 x 2 in x 2 feet in S.E. pit
Pretty rolling Clay Soil first rate

Between Ranges 50 and 51 W 6th P.M.
Tp 26 North

North between Sections 25 and 30
Va 15° 08' E

830 Ravine Course East-
2130 Drain Course East-
3520 Dry Creek Course East-
4000 Deposited Charred Stake raised
mound of earth 2½ feet high
from pits 18 x 24 x 12 in deep for
1/4 Sec Cor
8000 Deposited Charred Stake
raised mound of earth 2½ feet
high from pits 18 x 24 x 12 in
deep for Corner to Sections
19. 24 25 and 30 drove marked
pine Stake 2 x 2 in x 2 ft in S.E.
pit

Pretty rolling Clay land
first rate

Between Ranges 50 and 51 W. 6th P.M.
T. 26 North

North between Sections 19 and 24
va 15° 08' E

2720 Drain course E
4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
6465 Drain course S.E.
8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 13. 18. 19 and 24 drove marked pine stake 2 x 2 in x 2 feet in S.E. pit

Gently rolling Clay Soil
first rate

Between Ranges 50 and 51 W. 6th P.M.

North between Sections 13 and 18
va 15° 08' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
4730 Drain course E
8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 7. 12. 13 and 18 drove marked pine stake 2 x 2 in x 2 ft in S.E. pit.

Gently rolling Clay Soil
first rate land

Between Ranges 50 and 51 W. 6th P.M.
Tp 26 N

North between Sections 7 and 12
va 14° 58' E

2315 Drain Course E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for 1/4 Sec Cor

6040 Drain Course E

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for Corner to Sections 1. 6. 7 and 12 drove marked pine Stake 2 x 2 in x 2 feet in S.E. pit

Gently rolling Clay Soil
Firstrate

Between Ranges 50 and 51 W 6th P.M.
Tp 26 North

North between Sections 1 and 6
va 14° 55' E

1700 Drain Course E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for Corner to ~~Town~~ Townships 26 and 27 North of Ranges 50 and 51 West. drove marked pine Stake 2 x 2 in x 2 ft in ~~South~~ East pit

Gently rolling Clay Soil
Firstrate land

Sept 1st 1880

From the Corner to Townships 26 and 27 North Ranges 50 and 51 West Drum East on a random line between said Townships Va 14°55' East setting temporary half Section and Section Corners at every 40 and 80 Chains and at 5 Miles 79 Chains and 40 links I intersect the line between Ranges 49 and 50 West at a point 168 links North of the Corner to Townships 26. and 27.

The Correction for the true line is therefore 60 links West and 28 links South per Mile and my Course N. 89°48' W

Between Townships 26 and 27 North Range 50 West 6th P.M.

From the Corner to Townships 26 and 27 North Ranges 49 and 50 West Drum North 89° 48' West on a true line between Sections 1 and 36 Va 14° 45' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

5730 Drain Course S.E.

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Secs. 1. 2. 35 and 36 drove marked pine Stake 2 x 2 in x 2 feet in S.E. pit

Undulating Clay Soil
Firstrate land

Between Townships 26 and 27 North
Range 50 W 6th P.M.

North 89° 48' West on a true line
between Sections 2 and 35
Va 14° 50' E

4000 Deposited Charred Stake
raised Mound of earth 2½
feet high from pits 18 x 24
x 1½ in dep for 1/4 Sec Co

5000 Drain Course SW

8000 Deposited Charred Stake
raised Mound of earth 2½
feet high from pits 18 x 24
x 1½ in dep for Corner to
Sections 2. 3. 34 and 35
drove marked pine Stake
2 x 2 in x 2 ft ~~high~~ in S E pit

Sandy rolling clay land
first rate land

Between Townships 26 and 27 North
Range 50 W 6th P.M.

North 89° 48' West on a true line
between Sections 3 and 34
Va 14° 50' E

4000 Deposited Charred Stake
raised Mound of earth 2½
feet high from pits 18 x 24
x 1½ in dep for 1/4 Sec Co

8000 Deposited Charred Stake
raised Mound of earth 2½
feet high from pits 18 x 24
x 1½ in dep for Corner to Sec
3. 4. 33 and 34 drove Marked
pine Stake 2 x 2 in x 2 ft
in S E pit

Sandy rolling
Clay loam

Between Townships 26 and 27 North
Range 50 W. 6th P.M.

North 89°48' West on a true line between Sections 4 and 33
Va 14° 30' E

3900	Drain Course S.E.
4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24x½ in dep for 1/4 Sec Cor
6470	Drain Course S
7450	Drain Course S.E.
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24x½ in dep for Corner to Sections 4, 5, 32 and 33 drove marked pine Stake 2x2 in x 2 ft in S.E. pit

Gutty rolling Clay loam
first rate land

Between Townships 26 and 27 North
Range 50 W 6th P.M.

North 89°48' West on a true line between Sections 5 and 32
Va 14° 30' E

4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24x½ in dep for 1/4 Sec Cor
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24x½ in dep for Corner to Sections 5, 6 31 and 32 drove marked pine Stake 2x2 in x 2 ft Char S.E. pit

Gutty rolling Clay loam
first rate land

Between Townships 26 and 27 North
Range 50 W 6th P.M.

North 89° 48' West on a true line
between Sections 6 and 31
Va 14° 5' E

4000 Deposited charred stake
raised mound of earth 2½
feet high from pits 18 x 24 x 2½
in deep for 14 sec cor

6560 Drain corner S.E.

7940 The corner to Townships 26
and 27 North Ranges 50 and 51
West

Quite rolling clay loam
first rate

Sept 1

General Description.

This is a good Township
The surface is quite
rolling or undulating and
has a dark clay soil and
will make good agri-
cultural land
There is no living water
or timber in the township
It should be subdivided

Between Ranges 50 and 51 West 6th
T. 27 N.

From the Corner to Townships 26 and 27 North Ranges 50 and 51 West Drum

North between Sections 31 and 36
Va 14° 50' E

1300 Small Drain Course S.E.
4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for 1/4 Sec Cor
6050 Drain Course S.E.
8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for Corner to Secs 25. 30. 31 and 36 drove marked pine Stake 2 x 2 in x 2 feet in S.E pit

Gently rolling Clay loam
first rate soil

Between Ranges 30 and 51 W 6th PM
T. 27 North

North between Sections 25 and 30
Va 14° 40' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for 1/4 Sec Cor
4100 Drain Course S.E.
7630 Drain Course S.E.
8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for Corner to Sections 19. 24 25 and 30 drove marked pine Stake 2 x 2 in x 2 ft in S.E pit

Gently rolling Clay Soil
first rate land

Between Ranges 50 and 51 West 6th P.M.
T. 27 N

North between Sections 19 and 24
Va 14° 36' E

4000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x ½ in deep for ¼ Sec Cor

6750 Drain Course S.E.

8000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x ½ in deep for Corner to Secs. 13, 18, 19 and 24 drove marked pine stake 2 x 2 in x 2 ft in S.E. pit

Gently rolling Clay loam
firstrate land

Between Ranges 50 and 51 W. 6th P.M.
T. 27 North

North between Sections 13 and 18
Va 14° 32' E

4000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x ½ in deep for ¼ Sec Cor

8000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x ½ in deep for Corner to Sections 7, 12, 13 and 18 drove marked pine stake 2 x 2 in x 2 ft in S E pit

Gently rolling Clay land
firstrate

Between Ranges 50 and 51 W 6th P.M.
T. 27 North

North between Sections 7 and 12
Va 14° 30' E

~~2320 Drain Course S.E.~~

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for to Sections 1, 6, 7 and 12 drove marked pine Stake 2 x 2 in x 2 ft in SE pit

Gently rolling Clay land first rate

Between Ranges 50 and 51 W 6th P.M.
T. 27 North

North between Sections 1 and 6
Va 14° 30' E

2320 Drain Course S.E.

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for Corner to ~~Sect~~ Townships 27 and 28 North Ranges 50 and 51 W drove marked pine Stake 2 x 2 in x 2 ft in South pit

Gently rolling Clay loam first rate

Sept 2nd 1880

From the Corner to Townships 27 and 28 North of Ranges 50 and 51 West I run East on a random line between said Townships. Setting temporary half section and section corners at every 40 and 80 chains and at 5 miles 79 chains and 28 links I intersect the Range line between 49 and 50 West at a point 112 links North of the Corner to Townships 27 and 28

Va. 14° 38' E

The Correction for the true line will therefore be 72 links west and 18 2/3 links South per mile and my course N. 89° 52' W.

Between Townships 27 and 28 N
Range 50 W 6th P.M.

From the Corner to Townships 26 and 27 North Ranges 49 and 50 West I run North 89° 52' West on a true line between Sections 1 and 36

Va 14° 48' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 1. 2. 35 and 36 drove marked pine stake 2 x 2 in x 2 ft in S. E. pit

Quite rolling Clay Soil for state land

Between Townships 27 and 28 N.
Range 50 W 6th P.M.

North 89° 52' West on a true line between Sections 2 and 35
Va 14° 48'

1550 Small Drain Course N

4000 Deposited Charred Stake 2 raised Mound of earth 2½ feet high from pits 18 x 24 x ½ in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x ½ in deep for Corner to Sections 2. 3. 34 and 35 drove marked pine Stake 2 x 2 in x 2 ft in S.E. pit

Quite rolling Clay Soil
forstrate

Between Townships 27 and 28 N
Range 50 W 6th P.M.

North 89° 52' West on a true line between Sections 3 and 34
Va 14° 45' E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x ½ in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x ½ in deep for Corner to Sections 3. 4. 33 and 34 drove marked pine Stake 2 x 2 in x 2 ft in S.E. pit

Undulating Clay land
forstrate Soil

Between Townships 27 and 28 N
Range 50 W. 6th P.M.

	North 89° 52' West on a true line between Sections 4 and 33 va 14° 45' E
4000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for ¼ Sec Cor
8000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for Corner to Sections 4, 5, 32 and 33 drove marked pine Stake 2 x 2 in x 2 ft in S.E. pit

Sandy rolling Clay land
first rate land

Between Townships 27 and 28 N
Range 50 W 6th P.M.

	North 89° 52' West on a true line between Sections 4 and 32 va 14° 38' E
4000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for ¼ Sec Cor
8000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 1½ in dep for Corner to Sections 5, 6, 31 and 32 drove marked pine Stake 2 x 2 in x 2 feet in S.E. pit

Sandy rolling Clay Soil
first rate

Between Townships 27 and 28 N
Range 50 W 6th PM

North 89°52 West on a true line
between Sections 6 and 31
Va 14° 38' E

4000 Deposited charred stake
raised mound of earth 2½
feet high from pits 18
x 24 x min deep for 1/4 Sec Cor

7928 The Corner to Townships
27 and 28 North of Ranges
50 and 51 West

Gently rolling Clay Soil
first rate

General Description

The Surface of this
Township is gently rolling
dark Clay Soil and will
make good farm land
There is neither timber
or living water in the
Township

Between Ranges 50 and 51 W 6th P.M.
Tp 28 N.

Sept 2th Observation on Polaris
Time 8h 27m. civil
Azimuth 1° 48' E
angle with Range line bet. 50 and 51 Tp
27 North — 0

From the Corner to Townships
27 and 28 North Ranges 50 and 51
West Drew
North between Sections 31 and 36
Va 14° 32' E
4000 Deposited Charred State
raised mound of earth 2½ feet
high from pits 18 x 24 x 12 in deep
for 1/4 Sec Cor
8000 Deposited Charred Stake raised
mound of earth 2½ feet high
from pits 18 x 24 x 12 in deep
for Corner to Sections 25. 30. 31 and 36
drove marked pine Stake 2 x 2 in
2 ft in S.E. pit

Quite rolling Clay loam
first rate

Between Ranges 50 and 51 W 6th P.M.
Tp 28 N

North between Sections 25 and 30
Va 14° 35' E
4000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24
x 12 in deep for 1/4 Sec Cor
8000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24 x
12 in deep for Corner to
Sections 19. 24. 25 and 30
drove marked pine Stake
2 x 2 in x 2 ft in S. E. pit

Quite rolling Clay loam
first rate land

Between Ranges 50 and 51 W 6th P.M.
Tp 28 N

North between Sections 19 and 24
Va 14° 35' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18×24×12 in dep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18×24×12 in dep for Corner to Sections 13, 18, 19 and 24 drove marked pine Stake 2×2 in × 2 ft - in S.E. pit.

Pretty rolling Clayloam first rate land

Between Ranges 50 and 51 W 6th P.M.
Tp 28 N.

North between Sections 13 and 18.
Va 14° 40' E

350 Small Drain to N.E.

3070 Dry Creek Course S.E.

4000 Deposited Charred Stake Charred Stake raised mound of earth 2½ feet high from pits 18×24×12 in dep for 1/4 Sec Cor

4500 Drain Course S.E.

8000 Deposited Charred Stake raised mound of earth 2½ ft high from pits 18×24×12 in dep for Corner to Sections 13, 18, 19 and 24 drove Charred Stake 2×2 in × 2 ft the S.E. pit

7×12

Rolling and broken Clay Soil Second rate

Between Ranges 50 and 51 W. 6th P.M.
Tp 28 N

North between Sections 7 and 12
Va 14° 45' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18×24×12 in deep for ¼ Sec Cor

6350 Enter broken prairie bns E & W

7300 Large Canyon Course N.E.

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18×24×12 in deep for Corner to Sections 1. 6 7 and 12 drove marked pine stake 2×2 in ×2 ft in S E pit

S. 40 Chs Secondrate land
N. 40 Chs. broken Thirdrate

Between Ranges 50 and 51 W 6th P.M.

North between Sections 1 and 6
Va 14° 45' E

2500 Enter rolling foot hills bns E & W.

4000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18×24×12 in deep for ¼ Sec Cor

7880 Intersected the 7th Standard Parallel North 62.40 Chains East of the Standard ~~Section~~ Corner to Sections 31 and 32 Township 29 N. Th 50 W

17.60

Deposited Charred stake raised mound of earth 2½ feet high from pits 18×24×12 in deep for Closing Corner to Townships 28 North of Ranges 50 and 51 West drove marked pine Stake 2×2 in ×2 ft in South pit.

(4 Mounds of Pits to Redrove stake) in Bail Pit

S. 25 chs Thirdrate land
balance Secondrate

Sept 3th 1880

General Description

A large deep dry creek or Canyon courses from East West through the Township. Near the North boundary the Table-land breaks off into the Niobrara River valley; along the face of the bluffs, the surface is broken by numerous ravines which are in general short and do not therefore extend any great distance back into the Township. This prevented by the formations. a slaty rock, a calcareous sandstone and a poor quality of limestone crops from the face of the these hills. More than half of the land is good undulating or gently rolling clay loam and good for farming. There is neither timber water or timber

Between Ranges 50 and 51 W. 6th P.M.

From the Standard Corner to Township 29 North on the 7th Standard Parallel North Ranges 50 and 51 W. True North on the Range line between Sections 31 and 36 va 14° 57' E

880	Ravine course N W.
4000	Set Limestone 20 x 6 x 6 in deposited charred stake raised mound of earth 2 1/2 feet high from pits 24 x 24 x 1/2 in deep for 1/4 sec Cor
4100	Gulch course N E
4550	Same Gulch course N E
5980	Broken Clay bank, and enter Niobrara River valley N 80 W
6650	Niobrara River 35 links wide runs East
8000	Deposited charred stake raised mound of earth 2 1/2 feet high from pits 24 x 24 x 1/2 in deep for Corner to Sections 25. 30. 31 & 36 drove marked pine stake 2 x 2 in x 2 ft in S E pit

S. 66 broken Sandy third rate balance 2 Rate

Between Ranges 50 and 51 W. 6th P.M.
Tp 29 N

North between Sections 25 and 30
Va 14° 48' E

1460 Road bears E. & W.
1750 Ravine Course S.E.
2100 Leave Valley and Enter Upland Ms E & W
4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24 x½ in deep for 1/4 Sec. Cor
8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24 x½ in deep for Corner to Sections 19. 24. 25 and 30 drove marked pine stake 2x2 in x 2 ft in S.E. pit

Clay land Second rate

Between Ranges 50 and 51 W 6th P.M.
Tp 29 N

North between Sections 19 and 24
Va 14° 45' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24 x½ in deep for 1/4 Sec. Cor
7920 Ravine Course S.E.
8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24 x½ in deep for Corner to Sections 13. 18. 19 and 24 drove marked pine stake 2x2 in x 2 ft in S.E. pit

Rolling Clay Soil
first rate

Between Ranges 50 and 51 W. 6th P.M.
T 29 N

North between Sections 13 and 18
Va 14° 48' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Co

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 7, 12, 13 and 18 drove marked pine Stake 2 x 2 in x 2 ft the S E pit -

Quitty Volley
Third rate land

Between Ranges 50 and 51 W. 6th P.M.
T. 29 N

North between Sections 7 and 12
Va 14° 48' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Co

5570 Ravine Course S.E.

6110 Ravine Course N.E. S.W.

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 1, 6, 7 and 12 drove marked pine Stake 2 x 2 in x 2 ft - the S E pit -

Quitty Volley Sandy
Third rate

Between Ranges 50 and 51 W 6th PM
T. 29 N.

North between Sections 1 and 6
Va 14° 48' E

1010 Ravine Course S.W.
4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 1.8 x 2 x 12 in deep for 1/4 Sec Cor
5800 Pine Gulch Course W.
8000 Set Sandstone 14 x 8 x 8 in Deposited charred stake raised mound of earth 2½ feet high from pits ~~24~~ x 2 x 12 in deep for Corner to Townships 29 and 30 North Ranges 50 and 51 West drove marked pine Stake 2 x 2 in x 2 ft in South pit

S 40 chs Gently rolling 2 Rat
A 40 chs Rolling & broken
: Thirdrate

From the Corner to Townships 29 and 30 North Ranges 50 and 51 West drove East on a random line between Townships 29 and 30 North Range 50 West setting temporary half Section and Section Corners at ~~5 miles~~ every 40 and 80 Chains and at 5 miles 79 Chains and 40 links I intersect the Range line between Ranges ~~50~~ 49 and ~~51~~ 50 at a point 36 links South of the Corner to Tps 29 and 30 North

Va 14° 48' East

The Correction for the true line will therefore be 60 links west and 6 links North per mile and my Course S. 89° 57' W.

Between Townships 29 and 30 N
Range 50 W 6th P.M.

	South 89° 57' West on a true line between Sections 1 and 36
	va 14° 42
3000	Ravine Course S.
4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7250	Drain Course S
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 12 in deep for Corner to Sections 1. 2. 35 and 36 dr marked pine stake 2 x 2 in 2 ft in S.E. Pit
	Rolling Clay land Pd broken Third rate

Between Townships 29 and 30 North
Range 50 W 6th P.M.

	South 89° 57' West on a true line between Sections 2 and 35
	va 14° 42' E
1900	Ravine Course S
2 P 30	Ravine Course SE
4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7450	Gulch Course S.W.
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 2. 3. 34 and 35 dr marked pine stake 2 x 2 in x 2 ft in S.E. pit
	Rolling and broken Clay land Second rate

Between Townships 29 and 30 North
Range 50 W 6th P.M.

South 89°57' West on a true line between Sections 3 and 34 va 14°42'E

1630 Gulch Course S.W.
2340 Ravine Course S.
4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24 x12 in deep for 1/4 Sec Cor
6340 Creek Water in large deep holes. Width of water on line 35 links Course S.E.
8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24 x12 in deep for Corner to Sections 3. 4. 33 and 34 drove marked pine Stake 2x2 in x2 ft in SE pit

Gently rolling Clay land
Thirdrate

Between Townships 29 and 30 North
Range 50 W. 6th P.M.

South 89°57 West on a true line between Sections 4 and 33 va 14°48'E

3190 Ravine Course S.E.
4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24 x12 in deep for 1/4 Sec Cor
4500 Gulch Course North
7750 Gulch Course S.E.
8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24x12 in deep for Corner to Sections 4. 5. 32 and 33 drove marked pine Stake 2x2 in x2 ft in SE pit. A pine tree 8 in dia. vrs. South, 135 links distant

Rolling and broken
Thirdrate

Between Townships 29 and 30 N
Range 50 W 6th PM

South 89°57' West on a true line between Sections 5 and 32
Va 14°48' E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18×24 ×1½ in deep for ¼ Sec Cor

5320 Ravine Course S

7930 Ravine Course SE

8000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18×24×1½ in deep for Corner to Sections 5. 6. 31 and 32
The S.E. pit being on very steep Hill side and will soon wash out I drive marked pine stake 2×2 in ×2 ft in N.W pit
A pine 16 in dia bns N 13½° E. 185 lks dist

Pine timber along the line mostly on next 40 chs. Surface broken Thirdrate

Between Townships 29 and 30 North

South 89°57' West on a true line between Sections 6 and 31
Va 14°48' E

1230 Gulch Course S.E.

1920 Gulch Course S.E.

2985 Gulch Course S

4000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18×24 ×1½ in deep for ¼ Sec Cor

4550 Pine gulch Course South

7940 The Corner to Tps. 29 and 30 North Ranges 50 and 51 West

Rolling and broken Thirdrate land

Sept 4th 1880

General Description

This Township is quite broken by deep Canyons along the North Side along the rivers the surface is generally undulatey or gently rolling Clay and Sand soil Meland is mostly second and Third rate. It is watered by the Niobrara on the South and on the north by a Creek which has large deep holes of good Clear water. There is probably running water in Tp 30 in this Creek. There is some pine in Sections 4, 5, and 6. also Cottonwood willows etc along the Creek.

List of Names

A list of the names of the individuals Employed to assist in running measuring or marking the Exterior boundary lines of Townships 25. 26. 27. and 28 North of Ranges 49 and 50 West of the 6th Principal Meridian in Nebraska Showing the respective Capacities in which they acted.

John L. Young	Chainman
Saml Peoples	Chainman
Max Amende	Cornerman
Edgar J. Seeley	Cornerman
Horace Tyrrell	Flagman

We hereby Certify that we assisted Robert Harvey Deputy Surveyor in Surveying the Exterior boundary lines of Township lines of Townships 25. 26. 27 ~~and~~ 28 and 29 North of the Base line, of Ranges 49 and 50 West of the 6th Principal Meridian in Nebraska and that said Township lines have been in all respects to the best of our knowledge and belief well and faithfully Surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General of dimensions, Character Construction and Marking and in the manner as Specifically described in the foregoing field notes

John Young Chainmen
Saml Peoples Chainman
Max Amende Cornerman
Horace Tyrrell Flagman
Edgar J Seely Corneman

Subscribed and Sworn to before me this 2th day of October a.d. 1880
A A Kendall
Clerk of Dist Court Protem
Howard County Nebr

I Robert Harvey United States deputy Surveyor, do solemnly swear that I have in my own proper person and with the necessary assistance well, truly, and faithfully Executed the Exterior boundary Surveys of Townships 25. 26 27. 28 and 29 all north of the Base line, of Ranges 49 and 50 West of the 6th Principal Meridian in Nebraska, under my first contract No. 178 with Geo. S. Smith United States Surveyor General for the district of Nebraska and Iowa bearing date the 13th day of August 1880; that in making the said Survey I have used only such instruments as were approved by the Surveyor General, exercising due care in the preservation of adjustments of the same; that in using the Solar Compass I have at no

time projected Established lines depending for alignment upon the Magnetic Needle; that I have in all respects Complied with the laws of the United States Governing public land Surveys the Surveying Manual and such additional instructions as have been furnished me by ~~the~~ through the Said Surveyor General relating to the aforesaid Survey that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned; that to the best of my knowledge and belief all my assistants so Employed have likewise obeyed the aforesaid laws and instructions, and that the annexed field notes are the ~~true~~ and original true and Correct returns of the Said Survey.

Robert Harvey
Deputy Surveyor

Subscribed and sworn to before me this 11 day of January A. D. 1881

A E Robinson.
Clerk Dist Court
Howard Co Neb

Surveyor General's Office
Plattsmouth Neb. March 8th 1881

The foregoing field notes of the Survey of the Exterior boundary lines of Townships No 25. 26. & 27. 28 & 29 North of the Base line of Ranges No 49 & 50 West of the 6th Principal Meridian in Nebraska. Executed by Robt Harry. Deputy Surveyor under Contract No 118 dated Aug. 13th 1880. in the months of August & Sept. 1880. having been Critically Examined, the Necessary Corrections & Explanations made the said Field Notes and the Surveys they describe are hereby approved.

Surveyor General

Field note

of

the Survey of the exterior lines of Townships No 25. 26. 27. 28 & 27 of Ranges No 51 & 52 and Townships No 25, 26, 27 & 28 of Ranges No 53 & 54 all North of the base line and West of the 6th Principal Meridian in Nebraska

Executed by Stephen C. McCleary
U S Deputy Surveyor
Under joint contract No 116 dated August 5th 1880

Survey commenced
October 5th 1880

Survey completed
October 25th 1880

List of names of Assistants

E. J. Combs Chainman
H. O. Bailey Chainman
C. F. Lamberton Mounted man
Charles Harrison Flagman

The Survey of the exterior lines of Townships No 25, 26, 27, 28 & 29 of Ranges No 51 & 52 and Townships No 25, 26, 27 & 28 of Ranges No 53 & 54 all North of the base line and West of the 6th Principal Meridian was executed with a Solar Compass of Burts Pattern made by Wm L. Gurley Troy N.Y. was thoroughly tested found to be correct and approved by the Surveyor General before entering the field

Oct 5th 1880 Instrument tested by observation of Polaris at its upper meridian passage Station cor to Secs 19, 24, 25 & 30 Township No 25 R Range No 51 & 52 West time 0 20 A.M. Instrument used Burts Solar Compass in good adjustment variation 15° 1' E

Instrument agreeing with meridian obtained

Bet Ranges No 51 & 52 West Township No 25 North

chs	
	From the centre of the mound the established cor to Township No 25 North Ranges No 51 & 52 West of the 6th P M (cor a mound and pit with post in pit in good condition) I run North on a true line bet Secs 31 & 36
	Va 15°1' E
19.00	Drain course East
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 25. 30. 31 & 36
	Land rolling
	Soil 2nd rate

chs	
	North bet Secs 25 & 30
	Va 15°1' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 19. 24. 25 & 30
	Land level
	Soil 1st rate

Between Ranges No 51 & 52 West Township No 25 North

ch	North bet Secs 19 & 24 Var 15° 1' E
9.00	Foot of hill bears N W & S E
10.00	Snake creek 40 lks wide course S E
32.00	Leave Bottom enter upland bears N W & S E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
40.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 13. 18. 19 & 24
	Land rolling Soil 1st rate

ch	North bet Secs 13 & 18 Var 15° 1' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 7. 12. 13 & 18
	Land ascending to the north Soil 1st rate

Between Ranges No 5 & 52 West — Township No 25 North

chs	North bet Secs 7 & 12. Var 15° 1' E	chs	North bet Secs 1 & 6 Var 15° 1' E
40.00	Built mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec Cor	40.00	Built mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18x24x12 in deep drove pine post 2x2 in 2 ft long in S E pit for Cor to Secs 1. 6. 7 & 12	80.00	Set Sand Stone 24x13x8 marked with six notches on each side built mound of Earth 2½ ft high from pits 24x24x12 in deep for Cor to Townships No 25 & 26 North of Ranges No 5 & 52 West
	Land ascending to the north Soil 1st rate		Land level Soil 1st rate

Bet Townships No 25 & 26 North

chs	From the cor to Townships No 25 & 26 North Ranges No 51 & 52 West of 6th P M I run East on a random line bet Townships No 25 & 26 North of Range No 51 West (Vee 15°1'E) I set temporary cors at every 40 & 80 chs and 5 miles 79.00 chs intersected the Range line bet Ranges 50 & 51 West at a point 1.68 chs North of the cor to Townships No 25 & 26 North Therefore my correction will be 1.00 ch West & ~~40~~ 28 lks South per mile and my course will be N 89° 48' W

Range No 51 West of 6th P M

chs	From the cor to Townships No 25 & 26 North of Ranges No 50 & 51 West I run North 89° 48' West bet secs 1 & 36 Vee 15°1'E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to secs 1.2.35 & 36 Land level Soil 1st rate

Bet Townships No 25 & 26 North

chs	
	North 89°48' West bet Secs 2 & 35
	Var 15°1' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 2, 3, 34 & 35
	Land level
	Soil 1st rate

Range No 57 West of 6th P M

chs	
	North 89°48' West bet Secs 3 & 34
	Var 15°1' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
50.00	Sidney and Black Hills Stage Road bears N & S
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 3, 4, 33 & 34
	Land level
	Soil 1st rate

Between Townships No 24 & 26 North of Range No 51 West of 6th P M

chs	
	North 89° 48' West bet secs 4 & 5
	Vee 15° 1' E
40.00	Built mound of Earth 2 1/2 ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
80.00	Deposited charcoal built mound of Earth 2 1/2 ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to secs 4.5.32 & 33
	Land level
	Soil 1st rate

chs.	
	North 89° 48' West bet secs 5 & 32
	Vee 15° 1' E
40.00	Built mound of Earth 2 1/2 ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
80.00	Deposited charcoal Built mound of Earth 2 1/2 ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to secs 5.6.31 & 32
	Land level
	Soil 1st rate

bet Townships no 25 & 26 North

chs	North 89° 48' West bet Secs 6 & 31 Var 15° 1' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
79.00	The established cor to Townships no 25 & 26 North of Ranges no 51 & 52 West of 6th P M

Land rolling
Soil 1st rate

October 5th 1880

Range No 51 West of 6th P M

chs	General Description of Township no 25 North of Range No 51 West of 6th P M

This Township is nearly all high rolling Pararie covered with good grammar grass the soil is 1st rate the snake creek in the South West part is all the liveing water there is in it the Sidney and Black Hills Stage Road runs through it nearly straight from North to South

Between Ranges No 51 & 52 West

chs

Oct 6th 1880 Instrument tested by observation of Polaris at its upper meridian passage. Station cor to Township No 25 & 26 N Ranges No 51 & 52 West Instrument used Burts Solar Compass in good adjustment time 0 16 a m 0h 12 am variation shown 15° 2' East

Instrumen agreeing with meridian obtained

From the established cor to Township No 25 & 26 North of Ranges No 51 & 52 West of the 6th P M

I run north on a true line but Secs 31 & 36

Var 15° 2' E

40.00 Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor

80.00 Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 25, 30, 31 & 36

Land rolling

Soil 1st rate

Township No 26 North

chs

North bet Secs 25 & 30

Var 15° 2' E

40.00 Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor

40.00 Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 19, 24, 25 & 30

Land rolling

Soil 1st rate

Between Ranges No 51 & 52 W.M.

chs	
	North bet Secs 19 & 24 Cor 15° 2' C
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SC pit for Cor to Secs 19, 18, 13 & 24 Fund rolling Coil 1st note

Township No 26 North

chs	
	North bet Secs 13 & 18 Cor 15° 2' C
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SC pit for Cor to Secs 7, 12, 13 & 18 Fund rolling Coil 1st note

Between Ranges No 51 & 52 West Township No 26 North

Chs	North bet Secs 7 & 12 Var 15° 2' E	Chs	North bet Secs 1 & 6 Var 15° 2' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor	40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for Cor to Secs 1. 6. 7 & 12	48.00	Drain course S E
		80.00	Deposited charcoal Built mound of Earth 3 ft high from pits 24 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in East pit for Cor to Townships No 26 & 27 Ranges No 51 & 52 West of 6th P M
	Land rolling soil 1st rate		Land rolling soil 1st rate

Between Townships No 26 & 27 North of Range No 51 West of 6th P M

chs		chs	
	From the established cor to Townships No 26 & 27 North Range No 51 & 52 West I run East on a random line bet Townships No 26 & 27 North of Range No 51 West Var 15° 2' E		From the cor to Townships No 26 & 27 North Ranges No 50 & 51 West I run North 89° 47' West on a true line bet Secs 1 & 36 Var 15° 2' E
	I set temporary cors at every 40 & 80 chs and at 5 miles 78.43 chs intersected the Range line bet Ranges No 50 & 51 West at a point 1.82 chs North of the cor to Townships No 26 & 27 North	40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 14 in cor
	My correction will be 1.57 chs West and 30⅓ lks South per mile and my course will be N 89° 47' West	80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in 22 pit for cor to Secs 1, 2, 35 & 36
			Level rolling Soil 1st rate

Between Township lines No. 26 & 27 N

chs	
	North 89° 47' West bet Secs 27 & 34
	Cor 15° 2' E
1.00	Drain course SE
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
48.00	Drain course SE
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 2. 3. 34 & 35

Land rolling
Soil 1st rate

Range No 4 West of 6th P M

chs	
	North 89° 47' West bet Secs 3 & 34
	Cor 15° 2' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
61.00	Drain course SE
63.50	Sidney & Black Hills Stage Road bears N & S Station about 20.00 chs north
77.00	Drain course NE
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 3. 4. 33 & 34

Land rolling
Soil 1st rate

Between Townships No 26 & 27 North

chs	
	North 89° 47' West bet Secs 4 & 5 Var 15° 2' E
8.00	Drain course N E
37.00	Drain course N E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 4. 5. 32 & 33.

Land rolling
Soil 1st rate

Range No 51 West of 6th P. M.

chs	
	North 89° 47' West bet Secs 5 & 32 Var 15° 2' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 5. 6. 31 & 32

Land rolling
Soil 1st rate

Between Townships No 26 & 27 North

chs	
	North 89°47' West bet Secs 6 & 31
	Va 15°2' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
61.00	Drain course SE
78.43	To the established cor to Townsh No 26 & 27 North Ranges No 51 & 52 West

Land rolling
Soil 1st rate

October 6th 1880

Range No 51 West of 6th P M

chs	
	General Description of Township No 26 North of Range No 51 West
	This Township is all high rolling Pararie with a No 1 soil well covered with good grass there is neither water or timber and very little stone to be found in it

Between Ranges No 51 & 52 West

chs	
	Oct 7th 1880 night being Cloudy no observation taken Instrument showing a variation of 15° E
	From the established cor to Townships No 26 & 27 north Ranges No 51 & 52 West I run North on a true line bet secs 31 & 36 Va 15° E
18.00	Drain course S E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 25, 30, 31 & 36 Land rolling Soil 1st rate

Township No 27 North

chs	
	North bet secs 25 & 30 Va 15° E
5.00	Drain course East
20.00	Drain course East
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 19, 24, 25 & 30 Land rolling Soil 1st rate

Between Ranges 51 & 52 West

chs	North bet Secs 19 & 24 Var 15° E
21.00	Drain course East
40.00	Built mound of Earth 2½ ft. high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pit 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 13, 18, 19 & 24

Turned rolling
Said 1st rate

Township No 27 North

chs	North bet Secs 13 & 18 Var 15° E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
72.00	Drain course East
80.00	Deposited charcoal built mound of Earth 2½ ft high from pit 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 7, 12, 13 & 18

Turned rolling
Said 1st rate

Between Ranges No 51 & 52 West

chs	
	North bet Secs 7 & 12 Var 15° E
18.00	Drain course S E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deck for 1/4 Sec Cor
40.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deck drove Pine post 2×2 in 2 ft long in S E pit for Cor to Secs 1. 6. 7 & 12 Turned rolling Soil 1st rate

Township No 27 North

chs	
	North bet Secs 1 & 6 Var 15° E
29.00	Drain course N E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deck for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 24×24×12 in deck drove Pine post 2×2 in 2 ft long in East pit for Cor to Townships No 27 & 28 North Ranges No 51 & 52 West Turned rolling Soil 1st rate

Between Townships No 27 & 28 North

chs

From the cor to Townships No 27 & 28 North Ranges No 51 & 52 West I run East on a random line bet Townships No 27 & 28 North of Range No 51 West

Var 15° E

I set temporary cors at every 40 & 80 chs and at 6 miles and 53 lks intersected the Range line bet Ranges No 50 & 51 West at a point 252 chs north of the cor to Townships No 27 & 28 North my correction will be 53 lks East and 42 lks South per mile and my course will be

N 89°42' West

Range No 51 West of 6th P M

chs

From the established cor to Townships No 27 & 28 North Ranges No 50 & 51 West I run North 89°42' West on a true line bet Secs 1 & 36

Var 15° E

40.00 Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor

80.00 Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 1, 2, 35 & 36

Jamd rolling
Civil 1st rate

Between Townships No. 27 & 28 North of Range No 51 West of 6th P M

chs	North 89°42' West bet secs 2 & 3 Vee 15° E	chs	North 89°42' West bet secs 3 & 34 Vee 15° ~~West~~ East
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 sec cor	40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to secs 2.3.34 & 35	80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to secs 3.4.33 & 34
	Land rolling soil 1st rate		Land rolling soil 1st rate

Between Townships No 27 & 28 North

chs	
	North 89° 42' West bet sec 4 & 33 Var 15° E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 4, 5, 32 & 33
	Land rolling Soil 1st rate

Range No 51 West of 6th P M

chs	
	North 89° 42' West bet Secs 5 & 32 Var 15° E
3.00	Sidney & Black Hills Stage Road bears N W & S E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 5, 6, 31 & 32
	Land rolling Soil 1st rate

Between Townships No 27 & 28 North Range No 51 West of 6th P M

chs		chs	
	North 89°42' West bet Sec 6 & 7 No 15° E		General Description of Township No 27 North of Range No 51 West
3.00	Drain course S E		This Township is all high rolling Prairie with a good 1st rate Soil and good grass
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor		there is neither timber or living water in the Township the Sidney and Black Hills Stage Road runs through it north and South at the Stage Station in the South part of the Township there is a well 160 feet deep
52.00	Drain course N E		
80.53	To the established cor to Town-ships No 27 & 28 North Range No 51 & 52 West		

Land rolling
Soil 1st rate
October 7th 1860

Between Ranges No 51 & 52 West

chs	
	October 8th 1880 Instrument tested by observation of Polaris at its upper meridian passage Instrument used Burts Solar Compass in good adjustment station Cor to Townships No 27 & 28 N Ranges 51 & 52 W
0 05	time 0 05 / 0 08 A M Var 15°1' E Instrument agreeing with meridian obtained
	From the established cor to Townships No 27 & 28 North Range No 51 & 52 West I run North on a true line bet secs 31 & 36 15°1' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
50.00	Drain course East
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to secs 25. 30. 31 & 36
	Land rolling
	Soil 1st rate

Township No 28 North

chs	
	North bet secs 25 & 30 Var 15°1' E
30.00	Deep Drain course NW
39.50	Deep Drain course NE
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
59.00	Drain course SE
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to secs 19. 24. 25 & 30
	Land rough
	Soil 1st rate

Between Ranges No 51 & 52 West

chs	
	North bet Secs 19 & 24 Var 15°1' E
40.00	Built mound of Earth 2½ ft high from pit 18×24×12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pit 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to Secs 13, 18, 19 & 24
	Land rolling Soil 1st rate

Township No 28 North

chs	
	North bet Secs 13 & 18 Var 15°1' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
59.00	Drain course N E
75.00	Drain course N W
74.00	Drain course N W
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to Secs 7, 12, 13 & 18
	Land rolling Soil 1st rate

Between Ranges No 51 & 52 West

Chs	
	North bet Secs 7 & 12 Va 15° 1' E
2.00	Drain course N W
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 1. 6. 7 & 12
	Land rolling Soil 1st rate

Township No 28 North

Chs	
	North bet Secs 1 & 6 Va 15° 1' E
5.00	Enter Bottom bears East & West about 20 chs East a creek (Clifford's or Hughes'o)
19.50	Running water on Niobrara River course East 50 lks wide
23.50	Centre of corrall belonging to the Sidney & B H Stage Co
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec cor
42.00	Leave Bottom bears E & W
60.00	Sidney & B H Stage Road bears N W & S E
77.20	Intersected the 7th Standard Parallel North at a point 18.18 chs West of the cor to Secs 32 & 33 Township No 29 North Range No 51 West (Corner a mound and pits with post in pit in good condition) Deposited charcoal built mound of Earth 2½ ft high from pits 24 x 24 x 12 in deep drove Pine post 2 x 2 x 2 in 2 ft long in East pit for closing cor to Township No 28 North Ranges No 51 & 52 West October 5th 1880 Land rolling Soil 1st rate

General Description of Township
No 28 North of Range No 57 West
This Township is nearly all high
rolling land with a first rate soil
and good grass
with the exception of the Running
water or Niobrara which runs
through the North West part there
is no water in the Township
No timber the Sidney & B H Stage
road runs from N W to S E

Oct 10th Instrument tested by
observation of Polaris at its upper meridian
passage Instrument used Burts Solar
Compass in good adjustment
Station cor to Township no 25 N
Ranges No 52 & 53 West on 6th
Standard Parallell N time 11 54 AM Oclock M
Va 15° 51' E Instrument agreeing with
Meridian obtained

Between Ranges No 52 & 53 West

chs	
	From the cor to Township No 25 North Ranges No 52 & 53 West on the 6th Standard Parallel N (cor a mound and pits with post in pit in good condition) I run North on a true line between Secs 31 & 36
	Var 15°05' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in in SE pit for cor to Secs 25, 30, 31 & 36
	Land rolling Soil 1st rate

Township No 25 North

chs	
	North bet Secs 25 & 30
	Var 15°05' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 19, 24, 25 & 30
	Land rolling Soil 1st rate

Between Ranges No 52 & 53 W.

Ch	
	North bet Secs 13 & 24 Va 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for Cor to Secs 13. 18. 19 & 24
	Tunet rolling Soil 1st rate

Township No 25 North

Ch	
	North bet Secs 13 & 18 Va 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for Cor to Secs 7. 12. 13 & 18
	Tunet rolling Soil 1st rate

Between Ranges No 52 & 53 West

chs	
	North bet Secs 7 & 12 Va 15° 51' E
30.00	Enter Bottom bears East & West
38.00	Snake creek runs SE
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
52.00	Enter upland bears West & SE
80.00	Deposited char coal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 11, 6, 7 & 12

Land rolling
Soil 1st rate

Township No 25 North

chs	
	North bet Sec 1 & 6 Va 15° 51' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
80.00	Deposited char coal built mound of Earth 2½ ft high from pits 24×24×12 in deep drove Pine post 2×2 in 2 ft long in East pits for Cor to Townships No 25 & 26 North Ranges No 52 & 53 West

Land rolling
Soil 1st rate

Between Townships No 25 & 26 North of Range No 52 West of 6th P M

chs

From the established cor to Townships No 25 & 26 North Ranges No 52 & 53 West I run East on a random line bet Townships No 25 & 26 North of Range No 52 West.

Var 15° 5' E

I set temporary cors at every 40 & 80 chs and 6 miles 2.84 chs intersected the Range line between Ranges No 51 & 52 West at a point 1.83 chs South of the cor to Townships No 25 & 26 North my correction will be 2.84 chs East and 30½ lks North per mile and my course will be

South 89° 47' West

chs

From the established cor to Townships No 25 & 26 North Ranges No 51 & 52 West I run

S 89° 47' West on a true line bet Secs 1 & 36

Var 15° 5' E

40.00 Built mound of Earth 2½ ft high from pit 18 x 24 x 12 in deep for 14 Sec cor

80.00 Deposited charcoal built mound of Earth 2½ ft high from pit 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 1, 2, 35 & 36

Land rolling
Soil 1st rate

Between Townships no 25 & 26 N Range no 52 West of 6th PM

chs

South 89° 47' West bet Secs 2 & 35

Var 15° 5' E

40.00 Built mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec Cor

80.00 Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for Cor to Secs 2, 3, 34 & 35

Level level
Soil 1st rate

chs

South 89° 47' West bet Secs 3 & 34

Var 15° 5' E

40.00 Built mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec Cor

80.00 Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for Cor to Secs 3, 4, 33 & 34

Level level
Soil 1st rate

Between Townships No 25 & 26 N

chs	
	South 89° 47' West bet secs 4 & 33 Va 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cer
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cer to secs 4.5.32 & 33

Land level
Soil 1st rate

Range No 52 West of 6th P M

chs	
	South 89° 47' West bet secs 5 & 32 Va 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cer
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cer to secs 5.6.31 & 32

Land rolling
Soil 1st rate

Between Townships No 25 & 26 N

chs	
	S 89° 47' West bet Secs 6 & 31 Run 15° 5' E
11.00	Drain course S E
31.00	Drain course S E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for '14 Sec cor
82.84	To the established cor to Townships No 25 & 26 North Ranges No 52 & 53 West

Land rolling
Soil 1st rate
October 11th 1880

Range No 52 West of 6th PM

chs	
	General Description of Township No 25 North of Range No 52 West

The Northern and Southern portions of this Township are high rolling lands there some Bottom lands along Snake Creek in the Central part all bearing a good soil and good grass there is no timber and the only water is in Snake Creek and a small Spring Creek that enters it from the north side

Between Ranges No 52 & 53 West

chs	
	Oct 11th 1880 Instrument tested by observation of Polaris at its upper meridian passage Instrument used Burts Solar Compass in good adjustment Station cor to Township no 25 & 26 Ranges no 52 & 53 W time 11 50 PM Var 15°5' E Instrument agreeing with meridian obtained
	From the established cor to Township No 25 & 26 North Ranges No 52 & 53 West I run North on a true line bet Secs 31 & 36 Var 15°5' E
40,00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
60,00	Drain course S E
80,00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 25, 30, 31 & 36
	Land rolling Soil and rate

Township No 26 North

chs	
	North bet Secs 25 & 30 Var 15°5' E
20,00	Road bears N E & S W
40,00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80,00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 17, 24, 25 & 30
	Land rolling Soil and rate

Between Ranges 52 & 53 West

chs	
	North bet Secs 19 & 24 Var 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 13, 18, 19 & 24
	Land rolling Soil 2nd rate

Township No 26 North

chs	
	North bet Secs 13 & 18 Var 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 7, 12, 13 & 18
	Land rolling Soil 2nd rate

Between Range No 52 & 53 West

chs	
	North bet Secs 7 & 12 Var 15° 5' E
23.50	Road bears NE & SW
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 ins 2 ft long in SE pit for Cor to Secs 1, 6, 7 & 12
	Land rolling Soil 1st rate

Township No 26 North

chs	
	North bet Secs 1 & 6 Var 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 24 x 24 x 12 in deep drove Pine Post 2 x 2 ins 2 ft long in SE pit for Cor to Townships No 26 & 27 North Range No 52 & 53 West
	Land rolling Soil 1st rate

Between Townships No 26 & 27 N

chs

From the established cor to Townships No 26 & 27 North Ranges No 52 & 53 West I run East on a random line bet Townships No 26 & 27 North Range No 52 West
Ave 15° 5' E

I set temporary cors at every 40 & 80 chs and at 6 miles and 100 chs intersected the Range line between Ranges No 51 & 52 at a point 1,26 chs North of the cor to Townships No 26 & 27 North

my correction will be 1,00 chs East and 21 lks South per mile and my course will be
N 89° 57' West

Range No 52 W. of 6th P M

chs

From the cor to Townships No 26 & 27 North Ranges No 51 & 52 West
I run North 89° 51' West on a true line bet Sec 1 & 36
Ave 15° 5' E

40,00 Built mound of Earth 2½ ft high from pits 18 X 24 X 12 in deep for 1/4 Sec cor

40,00 Deposited charcoal built mound of Earth 2½ ft high from pits 18 X 24 X 12 in deep drove Pine post 2 X 2 in 2 ft long in S E pit for cor to Sec 1, 2, 35 & 36

Found level
Soil 1st rate

Between Townships No 26 & 27 N

chs	
	North 89° 51' West bet secs 2 & 35 Va 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposited Charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to secs 2, 3, 34 & 35
	Land level Soil 1st rate

Range No 52 West of 6th P M

chs	
	North 89° 51' West bet sec 3 & 34 Va 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine Post 2 x 2 in 2 ft long in SE pit for cor to secs 3, 4, 33 & 34
	Land level Soil 1st rate

Between Townships No 26 & 27 N

chs	
	North 89°51' West bet Secs 4 & 33 Vac 15°5' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in d ft long in SE pit for cor to Secs 4.5.32 & 33

Land level
Soil 1st rate

Range No 52 West of 6th P M

chs	
	North 89°51' West bet Secs 5 & 32 Vac 15°5' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 5.6.31 & 32

Land level
Soil 1st rate

Between Townships No 26 & 27 N.

chs	
	North 89°51' West bet Sec 4 & 9 No 15°5' E
18,00	Road bears N E & S W
140,00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for 114 Sec Cor
81,00	To the established cor to Townships No 26 & 27 N Ranges No 52 & 53 West
	Land rolling Soil 1st rate
	October 12th 1880

Range No 52 West of 6th P M

chs	
	General Description of Township No 26 North of Range No 52 West
	This Township is all high rolling land with good soil and good grass but neither timber or water

Between Ranges No 52 & 53 West

chs

Oct 12th 1880 Instrument tested by observation of Polaris at its upper meridian passage Instrument used Burts Solar compass in good adjustment station cor to Townships No 26 & 27 North Ranges No 52 & 53 West time 11.46 11.50 P.M. Dec 15°5'0 Instrument showing Dec 15° 4' 8 angle of difference 0°1'

From the established cor to Townships No 26 & 27 North Ranges No 52 & 53 West I run North on a true line bet Secs 31 & 36

Dec 15° 4' 8

40.00 Built mound of Earth 2½ ft high from pits 18x24x12 in deep for 1/4 Sec cor

40.00 Deposited charcoal built mound of Earth 2½ ft high from pits 18x24x12 in deep drove Pine post 2x2 in 2 ft long in S.E. pit for cor to Secs 25.30.31 & 36

Land level
Soil 1st rate

Township No 27 North

chs

North bet Secs 25 & 30

Dec 15° 4' 8

40.00 Built mound of Earth 2½ ft high from pits 18x24x12 in deep for 1/4 Sec cor

40.00 Deposited charcoal built mound of Earth 2½ ft high from pits 18x24x12 in deep drove Pine post 2x2 in 2 ft long in S.E. pit for cor to Secs 19.24.25 & 30

Land level
Soil 1st rate

Between Ranges No 52 & 53 West

chs	
	North bet Secs 19 & 24 Var 15° 4' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited char coal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 13, 18, 19 & 24
	Land level Soil 1st rate

Township No 27 North

chs	
	North bet Secs 13 & 18 Var 15° 4' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 7, 12, 13 & 18
	Land level Soil 1st rate

Between Ranges No 52 & 53 West

chs	
	North bet Sec 7 & 12 Var 15° 41' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in 2 ft pit for Cor to Secs 1, 6, 7 & 12 Land level Soil 1st rate

Township No 27 North

chs	
	North bet Secs 1 & 6 Var 15° 41' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 24 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in East pit for Cor to Townships No 27 & 28 North Ranges No 52 & 53 West Land level Soil 1st rate

Between Townships No 27 & 28 N.

chs

From the established cor to Town-ships No 27 & 28 North Ranges No 52 & 53 West I run East on a random line bet Townships No 27 & 28 North of Range No 52 West

Ran 15° 4' E

I set temporary cors at every 40 & 80 chs and at 5 miles 79.92 chs intersected the Range line bet Ranges No 51 & 52 at a point 3.36 chs North of the cor to Town-ships No 27 & 28 North

My correction will be 8 lks West and 56 lks South per mile and my course will be

N 89° 36' West

Range No 52 West of 6th P M

chs

From the established cor to Townships No 27 & 28 North Ranges No 51 & 52 West I run North 89° 36' West on a true line bet Secs 1 & 36

Ran 15° 4' E

40.00 Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec cor

80.00 Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 4 in 2 ft long in 2 ft pit for cor to Secs 1, 2, 35 & 36

Land level
Soil 1st rate

Between Townships No 27 & 28 N

chs	
	North 89° 36' West bet secs 27 & 35
	Va 15° 4' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to secs 2, 3, 34 & 35
	Tuned level
	Soil 1st rate

Range No 52 West of 6th P M

chs	
	North 89° 36' West bet secs 3 & 34
	Va 15° 4' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to secs 3, 4, 33 & 34
	Tuned level
	Soil 1st rate

Between Townships No 27 & 28 N

chs	
	North 89° 36' West bet Secs 4 & 33
	Va 15° 4' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 114 Ac Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep above Pine post 2 x 2 in 2 ft long in S E pit for Cor to Secs 4, 5, 32 & 33
	Land level Soil 1st rate

Range No 52 West of 6th P M

chs	
	North 89° 36' West bet Secs 5 & 32
	Va 15° 4' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 114 Ac Cor
60.00	Road bears N E & S W
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep above Pine post 2 x 2 in 2 ft long in S E pit for Cor to Secs 5, 6, 31 & 32
	Land level Soil 1st rate

Between Townships 27 & 28 N

chs	
	North 89°36' West bet secs 6 & 31
	Var 15°4' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
79.92 ~~80.00~~	~~Deposited charcoal built mound of Earth 2½ ft high from pits 24×24×12 in deep drove Pine post 2×2 in 2 ft long in East pit for co~~
	To the established cor to Townships No 27 & 28 North Ranges No 52 & 53 West
	Land level
	Soil 1st rate
	October 13th 1880

Range No 52 West of 6th P M

chs	
	General Description of Township No 27 North of Range No 52 West
	This Township is all high Pararée with a 1st rate soil and good grass. With neither timber or liveing water

Between Ranges No 52 & 53 West

chs	
	Oct 19th 1880 weather being Cloudy no observation was taken
	From the established cor to Township No 27 & 28 North of Ranges No 52 & 53 West I run north on a true line bet Secs 31 & 36
	Va 15° 4' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 25, 30, 31 & 36
	Land rolling Soil 2nd rate

Township No 28 North

chs	
	North bet Secs 25 & 30
	Va 15° 4' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
60.00	Drain course N W
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 19, 24, 25 & 30
	Land rough Soil 2nd rate

Between Ranges No 52 & 53 West

chs	chs	
		North bet Secs 19 & 24 Var 15° 4' E
	40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
	75.00	Drain course NE
	80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for Cor to Secs 13, 18, 19 & 24
40.		
		Land rolling Soil and rate
80.		

Town bet No 28 North

chs	
	North bet Secs 13 & 18 Var 15° 4' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for Cor to Secs 7, 12, 13 & 18
	Land rolling Soil and rate

Between Ranges No 52 & 53 West

chs	chs	North bet Secs 7 & 12 Az 15° 4' E
	40.00	Built mound of Earth 2½ ft high from pits 18x24x12 in deep for 1/4 Sec cor
	61.00	Enter bottom bears E & W
	80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18x24x12 in deep drove Pine post 2x2 in 2 ft long in 2 ft for cor to Secs 1, 6, 7 & 12
40.		
8.		

Turned rolling & level
Soil 1st rate

Township No 28 North

chs	North bet Secs 1 & 6 Az 15° 4' E
9.00	Running water or Niobrara River 50 lks wide runs East
37.00	Enter opposite bears East & West
40.00	Benefit mound of Earth 2½ ft high from pits 18x24x12 in deep for 1/4 Sec cor
77.00	Intersected 7th Standard Parallel North at a point 16.00 chs West of the Standard cor to Secs 32 & 33 Township No 29 North of Range No 52 West Corner a mound with pits & post in good condition
	Deposited charcoal built mound of Earth 2½ ft high from 3 pits 24x24x12 in deep drove Pine post 2x2x4 in 2 ft long marked CC in East pit for closing cor to Townships No 28 of Ranges No 52 & 53 West

Turned rolling
Soil 1st rate
October 14th 1880

General Description of Township No 28 North of Range No 52 West
This Township consists of rolling and rough land in the South with good Bottom lands along the runing water in the north the soil generaly is very good the grass is good
the runing water runs through the entire length of the Township from West to East
No timber

Oct 14th 1880 Instrument tested by observation of Polaris at its upper meridian passage Instrument used Burts Solar compass in good adjustment Station cor to Township No 28 N Ranges No 52 & 53 West on 7th Standard Parallel N
11h. 37m time ~~11 42~~ 11 37 PM va 15° ~~15'~~ 05' E making an angle with line last run of 0°1'

Oct 16th 1880 weather being windy with light clouds no observation could be taken

Between Ranges No 53 & 54 West

Township No 25 North

chs		chs	
	From the cor to Township No 25 Ranges No 53 & 54 West on the 6th Standard Parallel North (cor a mound and pits with post in pit in good condition) I run North on a true line bet Secs 31 & 36 Var 15° 9' E		North bet Secs 25 & 30 Var 15° 9' E
		23,50	Road bears NE & SW
		40,00	Built mound of Earth 2½ ft high from pits 18 X 24 X 12 in deep for ¼ Sec cor
40,00	Built mound of Earth 2½ ft high from pits 18 X 24 X 12 in deep for ¼ Sec cor	80,00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 X 24 X 12 in deep drove Pine post 2 X 2 in 2 ft long in 18 ft for cor to Secs 19, 24, 25 & 30
40	Deposited charcoal built mound of Earth 2½ ft high from pits 18 X 24 X 12 in deep drove Pine post 2 X 2 in 2 ft long in 18 ft for cor to Secs 25, 30, 31 & 36		Land rolling Soil 1st rate
4	Land rolling Soil 2nd rate		

Between Ranges No 53 & 54 West

chs	North bet Secs 19 & 24 Var 15° 9' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 13, 18, 19 & 24
	Tand rolling Soil 1st rate

Township No 25 North

chs	North bet Secs 13 & 18 Var 15° 9' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 7, 12, 13 & 18
	Tand rolling Soil 1st rate

Between Ranges No 53 & 54 West

chs	North bet Secs 7 & 12 Na 15°9' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for Cor to Secs 1. 6. 7 & 12

Land rolling
Soil 1st rate

Township No 25 North

chs	North bet Secs 1 & 6 Na 15°9' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
70.00	Drain course SE
80.00	Deposited Charcoal built mound of Earth 2½ ft high from pits 24 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in East pit for Cor to Townships No 25 & 26 North of Ranges No 53 & 54 West

Land rolling
Soil 1st rate

Between Townships No 25 & 26 N

chs	From the established cor to Town-ships No 25 & 26 North Ranges No 53 & 54. West I run East on a random line bet Towns hips No 25 & 26 N Range No 53 W Na 15°9' E
	I set temporary cors at every 40 & 80 chs and at 6 miles Intersected the Range line bet Ranges 52 & 53 West at a point 14 lks North of the cor to Townships No 25 & 26 North
	My correction will be 2 1/3 lks South per mile and my course will be N 89°59' West

Range No 53 West of 6th P M

chs	From the established cor to Town-ships No 25 & 26 North Ranges No 52 & 53 West I run North 89°59' West on a true line bet Secs 1 & 36 Na 15°9' E
40.00	Built mound of Earth 2 1/2 ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
48.00	Road bears N E & S W
80.00	Deposited charcoal built mound of Earth 2 1/2 ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 1, 2, 35 x 36
	Land rolling Soil 1st rate

Between Townships No 25 & 26 North

chs	
	North 89°59' West bet Sec 28 & 35 Var 15°09' E.
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor
54.50	Drain course SE
79.80	Drain course SE
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for Cor to Sec 23, 34 & 35
	Level rolling Soil 1st rate

Range No 53 West of 6th PM

chs	
	North 89°59' West bet Sec 33 & 34 Var 15°9' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for Cor to Sec 3, 4, 33 & 34
	Level level Soil 1st rate

Between Townships No 25 & 26 N

chs	North 89°59' West bet Secs 4 & 33 Rec 15°9'E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 4.5.32 & 33
	Found level Drill 1st rate

Range No 53 West of 6th P M

chs	North 89°59' West bet Secs 5 & 32 Rec 15°7'E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 5.6.31 & 32
	Found rolling Drill 2nd rate

Between Townships No 25 & 26 N

chs	
	North 89°59' West bet Sec 6 & 31 Na 15°9' E
9.00	High round sand hill
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
59.00	Leave high round sand hill
80.00	To the established cor to Townships No 25 & 26 N Ranges No 53 & 54 West

Land rough
Soil 3rd rate

October ~~17~~ 16th 1880

Range No 53 West of 6th P M

chs	
	General Description of Township No 25 North of Range No 53 West
	This Township is high rolling Pararie in the South part with a narrow strip of valley land near the North boundary the soil generaly is very good there is no water in the Township except at the head of water in snake creek. (on the eastern side)

Between Ranges No 53 & 54 West

chs	Oct 17th 1880 Weather being Cloudy no observation was taken
	From the established cor to Township No 25 & 26 North Range No 53 & 54 West I run North on a true line bet Secs 31 & 36 Var 15° 9' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep above Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 25, 30, 31 & 36
	Land rolling Soil Second rate

Township No 26 North

chs	North bet Secs 25 & 30 Var 15° 9' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
41.00	Drain course SE
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep above Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 19, 24, 25 & 30
	Land rolling Soil 1st rate

Between Ranges No 53 & 54 West

chs	chs	
		North bet Secs 19 & 24 Var 15° 9' E
	40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor
	80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to Secs 13, 18, 19 & 24
40.		
80.		Land rolling Soil 1st rate

Township No 26 North

chs	
	North bet Secs 13 & 18 Var 15° 9' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor
43.00	Drain course S E
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to Secs 7, 12, 13 & 18
	Land rolling Soil 1st rate

Between Ranges No 53 & 54 West

chs	
	North bet Sec 7 & 12 Var 15° 9' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 1. 6. 7 & 12
	Land rolling Soil 1st rate

Range No 26 North

chs	
	North bet Secs 1 & 6 Var 15° 9' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pit 24 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in East pit for cor to Townships No 26 & 27 North Ranges No 53 & 54 West
	Land rolling Soil 1st rate

Between Townships No 26 & 27 N

chs	From the established cor to Townships No 26 & 27 North Ranges No 53 & 54 West I run East on a random line bet Townships No 26 & 27 North of Range No 53 West
	Ver 15° 9' E
	I set temporary cors at every 40 & 80 chs and at 6 miles 2.50 chs intersected the Range line bet Ranges No 52 & 53 West at a point 42 lks north of the cor to Townships No 26 & 27 North
	My correction will be 2.50 chs East and 7 lks south per mile and my course will be
	N 89° 57' West

Range No 53 West of 6th P M

chs	From the established cor to Townships No 26 & 27 North Ranges No 52 & 53 West I run North 89° 57' West on a true line bet Secs 1 & 36
	Ver 15° 9' E
40,00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80,00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 1, 2, 35 & 36
	Land rolling
	Soil 1st rate

Between Townships No 26 & 27 North

chs	
	North 89°57' West bet Sec 2 & 35 Ran 15°9'E
40.00	Built mound of Earth 2½ ft high from pits 18+24×12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 2, 3, 34 & 35
	Land rolling Soil 2nd rate

Range No 5 West of 6th P M

chs	
	North 89°57' West bet Secs 3 & 34 Ran 15°9'E
40.00	Built mound of Earth 2½ ft high from pits, 18×24×12 in deep for 1/4 Sec Cor
61.00	Drain course South
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 3, 4, 33 & 34
	Land rolling Soil 1st rate

Between Townships No 26 & 27 N

chs	
	North 89° 57' West bet Secs 4 & 33 Va 15° 9' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for Cor to Secs 4, 5, 32 & 33

Land rolling
Soil 1st rate

Range No 53 West of 6th P M

chs	
	North 89° 57' West bet Secs 5 & 32 Va 15° 9' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for Cor to Secs 5, 6, 31 & 32

Land rolling
Soil 1st rate

Between Townships No 26 & 27 North

chs	
	North 89°57' West bet Secs 6 & 31 Var 15°9' E
16.00	Drain course S E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	To the established Cor to Townships No 26 & 27 North Ranges No 53 & 54 West

Land rolling
Soil 1st rate

October 18th 1890

Range No 53 West of 6th P M

chs	
	General Description of Township No 26 North of Range No 53 West
	This Township is all high rolling Prairie with a good soil and good grass no timber or water

Between Ranges No 53 & 54 West

chs	
	Oct 18th 1880 Instrument tested by observation of Polaris at its upper meridian passage Instrument used Burts Solar Compass in good adjustment Station cor to Townships no 26 & 27 N Ranges no 53 & 54 W. time ~~11.26~~ 11h22m Pm Va 15°10' E Angle made with line last run 0°1'
	From the established cor to Township No 26 & 27 North Ranges No 53 & 54 West I run North on a true line bet Secs 31 & 36 Va 15°10' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
68.00	Drain course S E
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to Secs 25, 30, 31 & 36 Land rolling Soil 1st rate

Township No 27 North

chs	
	North bet Secs 25 & 30 Va 15°10' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to Secs 19, 24, 25 & 30 Land rolling Soil 1st rate

Between Ranges No 53 & 54 West

chs	
	North bet Secs 19 & 24 Var 15° 10' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 27 x 12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 13, 18, 19 & 24
	Turned rolling Soil 2nd rate

Township No 27 North

chs	
	North bet Secs 13 & 18 Var 15° 10' E
32.00	Drain course NE
40.00	Built mound of Earth 2½ ft high from pits 18 x 27 x 12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 7, 12, 13 & 18
	Turned rolling Soil 1st rate

Between Ranges No 53 & 54 West

chs	
	North bet Secs 7 & 12 Var 15° 10' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 4 in 2 ft long in S E pit for Cor to Secs 1. 6. 7 & 12

Land rolling
Soil 1st rate

Township No 27 North

chs	
	North bet Secs 1 & 6 Var 15° 10' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
40.00	Deposited charcoal built mound of Earth 2½ ft high from pits 24 x 24 x 12 in deep drove Pine post 2 x 4 in 2 ft long in East pit for Cor to Townships No 27 & 28 North Ranges No 53 & 54 West

Land rolling
Soil 1st rate

Between Townships No 27 & 28 North

chs	From the established cor to Townships No 27 & 28 North Ranges No 53 & 54 West I run East on a random line bet Townships No 27 & 28 of Range No 53 West Va 15°10' E I set temporary cors at every 40 & 80 chs and 6 miles and 1,00 chs intersected the Range line bet. Ranges No 52 & 53 West at a point 2,92 chs North of the cor to Townships No 27 & 28 ~~North~~ my correction will be 1,00 ch East and 48 2/3 lks North per mile and my course will be North 89°39' West

48 2/3

Range No 53 West of 6th P M

chs	From the established cor to Townsh-ips No 27 & 28 North Ranges No 52 & 53 West I run North 89°39' West on a true line bet Secs 1 & 36 Va 15°10' E
40,00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
58,00	Drain course N E
80,00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 1, 2, 35 & 36 Land rolling Soil 1st rate

Between Townships No. 27 & 28 N

chs	
	North 89° 39' West bet Secs 2 & 35
	Run 15° 10' E
21.00	Drain course NE
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for Cor to Secs 2, 3, 34 & 35
	Land rolling Soil 1st rate

Range No. 53 West of 6th P M

chs	
	North 89° 39' West bet Secs 3 & 34
	Run 15° 10' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for Cor to Secs 3, 4, 33 & 34
	Land rolling Soil 2nd rate

Between Townships No 27 & 28 N

ch	N. 89° 39' West bet Secs 4 & 33 Var 15° 10' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for Cor to Secs 4.5.32 & 33

Jared Rolling
Civil Engr

Range No 53 West of 6th P M

ch	North 89° 39' West bet Secs 5 & 32 Var 15° 10' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec cor
51.00	Drain course North
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 5.6.31 & 32

Jared Rolling
Civil Engr

Between Townships No 27 & 28 N

chs	N. 89° 39' West bet Sec 6 & 31 Cor 15° 10' E
40.00	Built mound of Earth 2' x 6' high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
81.00	To the established cor to Townships No 27 & 28 North Range No 53 & 54 West

Land rolling
Soil 1st rate

October 19th 1880

Range No 53 West of 6th PM

chs	General Description of Township No 27 North of Range No 53 West This Township is all high rolling Prairie with a good soil and good grass but neither water or timber

Between Ranges No 53 & 54 West

chs	
	Oct 19th 1880 on account of light Clouds and high wind no observation was made
	From the established cor to Township No 27 & 28 North Ranges No 53 & 54 West I run North ak a true line bet Secs 31 & 36 Vee 15° 10' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deck for ¼ sec cor
80.00	Deposited Charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deck drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 25, 30, 31 & 36
	Land rolling Soil 1st rate

Township No 28 North

	North bet Secs 25 & 30 Vee 15° 10' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deck for ¼ sec cor
60.00	Drain course N W
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deck drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 19, 24 & 25 & 30
	Land rolling Soil 1st rate

Between Ranges No 53 & 54 West

chs	
	North bet Secs 19 & 24 Var 15°10' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep above Pine post 2 x 2 in 2 ft long in S E pit for Cor to Secs 13, 18, 19 & 24 Found rolling Soil pit rate

Township No 28 North

chs	
	North bet Secs 13 x 18 Var 15°18' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep above Pine post 2 x 2 in 2 ft long in S E pit for Cor to Secs 7, 12, 13 & 18 Found rolling Soil pit rate

Between Ranges No 53 & 54 West

chs	North bet secs 7 & 12 Vee 15° 10' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
62.00	Enter bottom bears East & West
70.00	Running water or Niobrara River 50 lks wide runs East
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to secs 1.6.7 & 12 about 30 chs S W Brunsons Ranche Tuned rolling Soil 1st rate

Township No 28 North

chs	North bet secs 1 & 6, Vee 15° 10' E
5.00	Enter upland bears East & West
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
78.30	Intersected 7th Standard Parallel North at a point 13.24 chs West of the Slenderd cor to secs 32 & 33 Township No 29 North of Range No 53 West (Corner - a mound with pits & post in pit in good condition) Deposited charcoal built mound of Earth 2½ ft high from 3 pits 24 x 24 x 12 in deep drove Pine post 2 x 2 x 2 in 2 ft long marked CC in East pit for closing cor to Townships No 28 North of Ranges No 53 & 54 West

Tuned rolling
Soil 2nd rate
Oct 20th 1880

General Description of Town-
-ship No 28 North of Range No
5 West

The South part of this Township
is very rolling but has a good
Soil there is a great strip
of Bottom land along the running
water which runs nearly East
through the entire Township
there is no timber and no water
except the running water

Between Ranges No 54 & 55 West

chs	
	From the cor to Township No 25 North Ranges No 54 & 55 West on the 6th Standard Parallel N (cor a mound and pits with post in pit in good condition) I run North on a true line bet Secs 31 & 36 Var 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep chose Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 25, 30, 31 & 36

Land rolling
Soil 1st rate

Township No 25 North

chs	
	North bet Secs 25 & 30 Var 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep chose Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 19, 24, 25 & 30

Land rolling
Soil 1st rate

Between Ranges No 54 & 55 West

chs	
	North bet Secs 19 & 24 Var 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18 X 24 X 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 X 24 X 12 in deep drove Pine post 2 X 2 in 2 ft long in SE pit for cor to Secs 13, 18, 19 & 24
	Land rolling Soil 2nd rate

Township No 25 North

chs	
	North bet Secs 13 & 18 Var 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18 X 24 X 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 X 24 X 12 in deep drove Pine post 2 X 2 in 2 ft long in SE pit for cor to Secs 7, 12, 13 & 18
	Land rolling Soil 1st rate

Between Ranges No 54 & 55 West

chs	
	North bet Secs 7 & 12 Var 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 114 Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 1, 6, 7 & 12
	Land rolling Soil Med rate

Township No 25 North

chs	
	North bet Secs 1 & 6 Var 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 114 Sec cor
63.00	Drain course East
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 24 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in East pit for Cor to Township No 25 & 26 North Ranges No 54 & 55 West
	Land rolling Soil Med rate

Between Townships No 25 & 26 N

chs

From the established cor to Townships No 25 & 26 North Ranges No 54 & 55 West

I run East on a random line bet Townships No 25 & 26 North of Range No 54 West

Var 15°15' E

I set temporary cors at every 40.00 chs and at 6 miles 1.85 chs intersected the Range line bet Ranges No 53 & 54 West at a point 1.20 chs South of the cor to Townships No 25 & 26 North

my correction will be 1.85 chs East and 21 lks north per mile and my course will be

South 89°51' West

Range No 54 West of 6th P M

chs

From the established cor to Townships No 25 & 26 North Ranges No 53 & 54 West

I run S 89°51' West on a true line bet Secs 1 & 36

Var 15°15' E

40.00 Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec cor

80.00 Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep above Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 1, 2, 35 & 36

Land level
soil 1st rate

Between Townships No 25 & 26 N

chs	S 89°51' West bet Secs 2 & 35 Var 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 4 Rec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for Cor to Secs 2. 3. 34 & 35
	Tunnel rolling Soil Sandy and rate

Range No 54 West of 6th P M

chs	S 89°51' West bet Secs 3 & 34 Var 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for Cor to Secs 3. 4. 33 & 34
	Tunnel rolling Soil Sandy and rate

Between Townships No 25 & 26

chs	
	S 89°51' West bet Secs 4 & 33 Var 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 4, 5, 32 & 33
	Land rolling Soil sandy 2nd rate

Range No 54 West of 6th P M

chs	
	South 89°51' West bet Secs 5 & 32 Var 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 5, 6, 31 & 32
	Land rolling Soil sandy 2nd rate

Between Townships No 25 & 26 N

chs	S 89°51' West bet Sec 6 & 31 Na 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
81.85	To the established cor to Townships No 25 & 26 Ranges No 54 & 55
	Land rolling soil 1st rate
	Oct 22nd 1880

Range No 54 West of 6th P M

chs	General Description of Township No 25 North of Range No 54 West
	The land in the South part of this Township is high rolling Pararie with a good soil the North part is rough and sandy poor soil the grass is good there is neither water or timber in the Township

Between Ranges No 54 & 55 West

chs	
	Oct 22nd 1880 Instrument tested by observation of Polaris at its upper meridian passage Instrument used Burts Solar Compass in good adjustment Station cor to Townships No 25 & 26 N Ranges No 54 & 55 W time 11 10 11,06 P.M. Va 15°15' E Instrument agreeing with meridian obtained
	From the established cor to Townships No 25 & 26 North Ranges No 54 & 55 West I run North on a true line bet Secs 31 & 36
	Va 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
72.00	Drain course East
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 25, 30, 31 & 36
	Land level
	Soil 1st rate

Township No 26 North

chs	
	North bet Secs 25 & 30
	Va 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
43.00	Drain course SE
51.00	Drain course SW
71.00	Drain course East
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 19, 24, 25 & 30
	Land rolling
	Soil 2nd rate

Between Ranges No 54 & 55 West

Chs	
	North bet Secs 19 & 24 Var 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for Cor to Secs 13, 18, 19 & 24
	Tunel rolling Soil 1st rate

Township No 26 North

Chs	
	North bet Secs 13 & 18 Var 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for Cor to Secs 7, 12, 13 & 18
	Tunel rolling Soil 1st rate

Between Ranges No 54 & 55 West

chs	North bet Secs 7 & 12 Va 15° 15' E
23,50	Drain course East
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80,00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to Secs 1.6.7 & 12

Land rolling
Soil 1st rate

Township No 26 North

chs	North bet Secs 1 & 6 Va 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 24×24×12 in deep drove Pine post 2×2 in 2 ft long in East pit for cor to Townships No 26 & 27 North Ranges No 54 & 55 West

Land rolling
Soil 1st rate

Between Townships No 26 & 27 North

chs

From the established cor to Townships No 26 & 27 Ranges No 54 & 55 West I run East on a random line bet Townships No 26 & 27 North Range No 54 West

Var 15° 15' E

I set temporary cors at every 40 & 80 chs and at 6 miles 1.36 chs intersected the Range line bet Ranges No 53 & 54 West at a point 2.36 chs North of the cor to Townships No 26 & 27 North my correction will be 1.36 chs East and 99⅓ chs South and my course will be

N 89° 43' West

Range No 54 West of 6th P M

chs

From the established cor to Townships No 26 & 27 North Ranges No 53 & 54 West I run North 89° 43' West on a true line bet Secs 1 & 36

Var 15° 15' E

22.50 Drain course N W

40.00 Built mound of Earth 2½ ft high from pits 18 x 14 x 12 in deep for 1/4 Sec cor

80.00 Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep above Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 1, 2, 35 & 36

Land rolling
Soil 1st rate

Between Townships No 26 & 27 North

chs	
	North 89° 43' West bet secs 2 & 35 Va 15°15' East
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to secs 2, 3, 34 & 35

Tunnel rolling
Soil 1st rate

Range No 54 West of 6th P.M.

chs	
	North 89° 43' West bet secs 3 & 34 Va 15°15' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to secs 3, 4, 33 & 34

Tunnel level
Soil 1st rate

Between Townships No 26 & 27 North

chs	North 89° 48' West bet Secs 4 & 33 Var 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for Cor to Secs 4. 5. 32 & 33
	Tested level Soil 1st rate

Range No 54 West of 6th P M

chs	North 89° 48' West bet Secs 5 & 32 Var 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
58.50	Down course S E
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for Cor to Secs 5. 6. 31 & 32
	Tested level Soil 1st rate

Between Townships 26 and 27 N. Range No 54 ~~& 55~~ West

chs	
	North 89° 43' West on a true line bet secs 6 & 31 Vee 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
81.36	To the established cor to Townships No 26 & 27 North Range No 54 & 55 West

Land level
Soil 1st rate
Oct 23rd 1880

Range No 54 West of 6th P M

chs	
	General Description of Township No 26 North of Range No 54 West The land in the south part of this Township is rolling and sandy 2nd rate land The north part is level Pararie with good soil there is neither timber or water in the Township

Between Ranges No 54 & 55 West

chs	
	Oct 23rd 1880 Instrument tested by observation of Palaris at its upper meridian passage Instrument used Burts Solar Compass in good adjustment Station cor to Townships no 26 & 27 N Ranges No 54 & 55 West time 11.02 11.02 PM va 15°14'E angle made with line last run 0°1'
	From the established cor to Townships no 26 & 27 North Ranges No 54 & 55 West I run North on a true line bet secs 31 & 36
	va 15°14'E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
62.50	Drain course West
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 25. 30. 31 & 36
	Fund level
	Soil 1st rate

Township No 27 North

chs	
	North bet secs 25 & 30
	va 15°14'E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 19. 24. 25 & 30
	Fund level
	Soil 1st rate

Between Ranges No 54 & 55 West

chs	
	North bet Secs 19 & 24 Var 15° 14' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for Cor to Secs 19, 18, 13 & 24
	Turned level Soil 1st rate

Township No 27 North

chs	
	North bet Secs 13 & 18 Var 15° 14' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for Cor to Secs 7, 12, 13 & 18
	Turned level Soil 1st rate

Between Ranges No 54 & 55 West

chs	
	North bet Secs 7 & 12 Var 15° 14' E
19.00	Drain course East
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deck for 14 Sec Cor
80.00	Deposited chars coal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deck drove pine post 2 x 2 in 2 ft long in S.E. pit for Cor to Secs 1, 6, 7 & 12
	Land rolling Soil 1st rate

Township No 27 North

chs	
	North bet Secs 1 & 6 Var 15° 14' E
28.00	Enter valley bears E & W
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deck for 14 Sec Cor
50.50	Drain course East a marsh with water in it about 60 chs East
64.00	Enter upland bears East & West
80.00	Deposited chars coal built mound of Earth 2½ ft high from pits 24 x 24 x 12 in deck drove Pine post 2 x 2 in 2 ft long in S.W. pit for Cor to Townships No 27 & 28 N Ranges No 54 & 55 West
	Land rolling Soil 1st rate

Between Townships No 27 & 28 North

chs

From the established cor to Townships No 27 & 28 North Ranges No 54 & 55 West I run East on a random line bet Townships No 27 & 28 Range No 54 West

Var 15° 14' E

I set temporary cors at every 40 & 80 chs and at 6 miles and 237 chs intersected the Range line bet Ranges No 53 & 54 West at a point 252 chs South of the cor to Townships No 27 & 28 North my correction will be 237 chs East and 42 lks North per mile and my course will be

S 89° 42' West

Range No 54 West of 6th P M

chs

From the established cor to Townships No 27 & 28 North Ranges No 53 & 54 West I run South 89° 42' West on a true line bet Secs 1 & 36

Var 15° 14' E

40,00 Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 4 sec cor

59,00 Drain course N W

80,00 Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep stone Pine post 2 x 2 in 2 ft long in SE pit for cor to Secs 1, 2, 35 & 36

Land rolling.
Soil sand rule

Between Townships No 27 & 28 North

chs	
	South 89° 42' West bet secs 2 & 35
	Va 15° 14' E
8.00	Enter valley bears N & S
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
42.00	Drain course N E
79.00	Enter upland bears N & S
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 2, 3, 34 & 35

Land level
Soil 1st rate

Range No 54 West of 6th P M

chs	
	South 89° 42' West bet secs 3 & 34
	Va 15° 14' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 3, 4, 33 & 34

Land rolling
Soil 1st rate

Between Townships No 27 & 28 North

chs	
	South 89°42' West bet secs 4 & 33
	Var 15°14' E
39.50	Drain course S W
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
58.00	Drain course S W
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 4.5.32 & 33
	Tunnel rolling Soil 1st rate

Range No 54 West of 6th P M

chs	
	South 89°42' West bet secs 5 & 32
	Var 15°14' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 5.6.31 & 32
	Tunnel rolling Soil 1st rate

Between Townships No 27 & 28 North

chs	
	South 89°42' West bet Secs 6 & 31 Va 15°14' E
40.00	Built mound of Earth 2½ ft high from pits 18 & 24 x 12 in deep for ¼ Sec cor
61.50	Drain course S W
82.37	To the established cor to Townships No 27 & 28 North Ranges No 54 & 55 West

Land rolling
Soil 1st rate
Oct 24th 1880

Range No 54 West of 6th P M

chs	
	General Description of Township No 27 North of Range No 54 West The land in the South part of this Township is level Pararie with 1st rate soil the North part is rolling good soil there is a small valley runs nearly the entire length of the Township from west to East (with springs in it) No timber

Between Ranges No 54 & 55 West

ch	Oct 24th 1880 night being cloudy no observation was made
	Oct 25th 1880 8 o'clock a.m. Needle shows var of 15° 15' E
	From the established cor to Township No 27 & 28 North Ranges No 54 & 55 West I run North on a true line bet Secs 31 & 36
	Var 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 25, 30, 31 & 36
	Land rolling Soil 1st rate

Township No 28 North

ch	North bet Secs 25 & 30
	Var 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
59.00	Drain course N W
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 19, 24, 25 & 30
	Land rolling Soil 1st rate

Between Ranges No 54 & 55 West

chs	North bet Secs 19 & 24 Var 15° 15' E
12.00	Drain course N W
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for "4 to Cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pit 18 x 24 x 12 in deep above Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 13, 18, 19 & 24

Land rolling
Soil 1st rate

Township No 28 North

chs	North bet Secs 19 & 18 Var 15° 15' E
40.00	Inscribed Sand Stone 3½ x 4 x 4 ft at point for "4 to Cor
66.00	Drain course N W
71.00	Drain course N W
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep above Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 7, 12, 13 & 18

Land rough and rate soil

Between Ranges No 54 & 55 West

chs	North bet secs 7 & 12 Vee 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
41.00	Drain course N W
48.00	Drain course N W
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 1, 6, 7 & 12

Land rough 2nd rate
Oct 25th 1880

Township No 28 North

chs	North bet secs 1 & 6 Vee 15° 15' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
62.00	Drain course N W
65.00	Enter Bottom bears E & W
69.00	Runing water or Niobrara River 30 lks wide runs East
77.58	Intersected 7th Standard Paralell North at a point 11.00 chs West of the cor to secs ~~31 & 32~~ 32 & 33 Township No 29 North Range No 54 West (Corner, — a mound with pits and post down which I reset.) Deposited charcoal built mound of Earth 2½ ft high from 3 pits 24×24×12 in deep drove Pine post 2×2 in 2 ft long marked CC in East pit for closing cor to Township No 28 North Ranges No 54 & 55 West

Land rolling soil 1st rate

General Description of Township No 28 North of Range No 54 West
The land in the South parts of this Township is high rolling Prarie with good soil
the Runing Water runs through the entire length of the North part from West to East
there is a small creek dry at present except spring runs from South to North through the Eastern part the grass is good
there is no timber in the Township

Between Ranges No 51 & 52 W Township No 29 N

chs

Oct 9th 1880 Instrument tested by observation of Polaris at its upper meridian passage Instrument used Burts Solar Compass in good adjustment Station cor to Te Townships no 29 N Ranges No 51 & 52 W on 7 S P Mid Time 0 01 A M vs 15° 02' making an angle with line last run of 0° 1'

From the cor to Townships No 29 North Ranges No 51 & 52 on the 7th Standard Parallel North (cor a mound and pits with post in pit in good condition) I run North on a true line bet secs 31 & 36
vs 15° 2' E

40.00 Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor

80.00 Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in SE pit for cor to secs 25. 30. 31 & 36
Land rolling
Soil 2nd rate

Between Ranges No 51 & 52 West

chs	North bet Secs 25 & 30 Ver 15° 2' E
40.00	Built mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ sec cor
40.50	Drain course SE
52.00	Drain course SE
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18x24x12 in deep drove Pine post 2x2 in 2 ft long in SE pit for cor to Secs 19.24.25 & 30

Land rolling
Soil Quad rate

Township No 29 North

chs	North bet Secs 19 & 24 Ver 15° 2' E
11.00	Drain course East
19.00	Drain course East
33.00	Drain course East
40.00	Built mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ sec cor
76.00	Drain with Pine timber in it course East
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18x24x12 in deep drove Pine post 2x2 in 2 ft long in SE pit for cor to Secs 19.18.19 & 24

Land rolling
Soil Quad rate

Between Ranges No 51 & 52 West

chs	North bet Secs 13 & 18 Va 15° 2' E
6.00	Drain with Pine timber in it course East
12.00	Drain with Pine timber in it course East
19.00	Drain with Pine timber course East
29.00	Drain with Pine timber course East
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 7.12.13 & 18 Land rolling Soil 2nd rate

Township No 29 North

chs	North bet Secs 7 & 12 Va 15° 2' E
9.00	Drain with Pine timber course East
16.00	Drain course East Pine timber
19.00	Drain with Pine timber course East
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
76.00	Sidney and B H Stage Road bears N 15 & R E
80.00	Drain with scattering Pine timber in it course East Marked a Pine tree 11 in dia at point for cor to Secs 1.6.7 & 12 A Pine tree 4 in dia bears N 17° E 36 lks dist A Pine tree 8 in dia bears N 26½° W 85 lks dist Land rolling Soil 2nd rate

Between Ranges No 51 & 52 West Township No 29 North

chs	
	North bet Secs 1 & 6
	Var 15° 2' E
6.00	Drain with Pine timber course East
12.00	Drain with Pine timber course East
16.00	Drain with Pine timber course East
39.00	Drain with Pine timber course E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
42.00	Drain with scattering Pine course East
80.00	Drain with scattering Pine course East Marked a Pine tree 13 in dia at point for cor to Townships No 29 & 30 with Ranges No 51 & 52 West a Pine 12 in dia bears N 1° East 8 lks dist
	Land rolling
	Soil good

Between Townships No 29 & 30 N Range No 51 West of 6th P.M.

chs	
	From the established cor to Townships No 29 & 30 North Ranges No 51 & 52 West I run East on a random line bet Townships No 29 & 30 North Range No 51 West
	Var 15° 2' E
	I set temporary cors at every 40 & 80 chs and at 6 miles 1.58 chs intersected the Range line bet Ranges No 50 & 51 West at a point 1.68 chs South of the cor to Town-ships No 29 & 30 North
	My correction will be 1.58 chs East and 28 lks North per mile and my course will be
	S 89° 48' West

Between Townships No 29 & 30 North

chs	
	From the established cor to Townships No 29 & 30 North Ranges No 50 & 51 West I run South 89°48' West on a true line bet Secs 1 & 36 Va 15°2'E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 1.2.35 & 36

Land rolling
Soil 2nd rate

Range No 51 West of 6th P M

chs	
	South 89°48' West bet Secs 2 & 35 Va 15°2'E
19.00	Drain with Pine timber course S E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
64.00	Drain with Pine timber course North
75.00	Drain with Pine timber course North Deposited charcoal
80.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to Secs 2.3.34 & 35

Land rolling
Soil 2nd rate

Between Townships No 29 & 30 North

chs	
	South 89°48' West bet secs 3 & 34
	Ver 15°2'E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
73.00	Drain with Pine timber course South
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 3, 4, 33 & 34

Tund rolling
Soil 2nd rate

Range No 51 West of 6th P M

chs	
	South 89°48' West bet secs 4 & 33
	Ver 15°2'E
18.00	Drain with Pine timber course South
26.00	Drain with Pine timber course South
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 4, 5, 32 & 33

Tund rolling
Soil 2nd rate

Between Townships No 29 & 30 North

chs	South 89°48' West bet secs 5 & 32 Va 15°2' E
16.50	Drain with Pine timber course S E
40,00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
76.00	Drain with Pine timber course N E
80,00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 5, 6, 31 & 32

Land rolling
Soil 2nd rate

Range No 51 West of 6th P M

chs	South 89°48' West bet secs 6 & 31 Va 15°2' E
28,00	Drain with Pine timber course S E
36,00	Same Drain course N E
40,00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
50,00	Drain with Pine timber course N E
81,58	To the established cor to Townships No 29 & 30 Ranges No 51 & 52

Land rolling
Soil 2nd rate

October 9th 1880

General Description of Township No 29 North of Range No 51 West The land in this Township is all high and rolling there is considerable Pine timber scattered through the Ravines which are very deep and steep the ridges between them are nice rolling land with a good and rate soil there is no water in the Township the grass is good

Between Ranges No 52 & 53 West Township No 29

chs	
	From the cor to Townships No 29 North Ranges No 52 & 53 West on the 7th Standard Parallel North (cor in mound and pits with post in pit in good condition) I run north on a true line bet secs 31 & 36 Va
	Va 15°5' E
35.00	Drain course S W
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
40.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to secs 25, 30, 31 & 36
	Land rough
	Soil and rate

chs	North bet Sec 25 & 30 Var 15° 5' E
9.00	Drain course S W
23.00	Drain course S W
40.00	Built mound of Earth 2½ ft high from pits 18 x 27 x 12 in deep for ¼ Sec Cor
60.00	Drain course S W
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 17, 24, 25 & 30

Timed rough
Soil 2nd rate

chs	North bet Sec 17 & 24 Var 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 27 x 12 in deep for ¼ Sec Cor
47.00	Drain course S E
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 13, 18, 17 & 24

Timed rolling
Soil 2nd rate

Between Ranges No 52 & 53 West

chs	North bet Secs 13 & 18 Va 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
45.00	Drain with Pine timber course N E
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 7, 12, 13 & 18

Land rolling
Soil 2nd rate

Township No 27 North

chs	North bet Secs 7 & 12 Va 15° 5' E.
16.00	Drain with Pine timber course S E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
57.00	Drain with Pine timber course S E
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in S E pit for cor to Secs 1, 6, 7 & 12

Land rolling
Soil 2nd rate

Between Ranges No 52 & 53 West Township No 29 North

chs	North bet Sec 1 & 6 Va 15°5' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
48.00	Drain with Pine timber course SE
59.00	Drain with Pine timber course SE
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 24 x 24 x 12 in deep drove Pine post 2 x 2 in 2 ft long in East pit for cor to Townships No 29 & 30 North Ranges No 52 & 53 West

Land rolling
Soil 2nd rule

Between Townships No 29 & 30 N Range No 52 West

chs	From the established cor to Townships No 29 & 30 North Ranges No 52 & 53 West I run East on a random line bet Townships No 29 & 30 North Ranges No 52 West Va 15°5' E I set temporary cors at every 40 & 80 chs and at 5 miles 79.42 chs intersected the Range line bet Ranges No 51 & 52 West at a point 84 lks North of the cor to Townships No 29 & 30 North My correction will be 58 lks West and 14 lks South per mile and my course will be N 89°54' West

Between Townships No 29 & 30 North

chs	
	From the established cor to Township No 29 & 30 Range No 51 & 52 Then North 89°54' West on a true line bet Secs 1 & 36
	Va 15° 5' E
19,00	Sidney & B Hills Stage Road bears North & South
22,00	Drain with Pine timber course South E
32,00	Drain with Pine timber course South
40,00	Built mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ sec cor
48,50	Drain with Pine timber course South
79,50	Drain course South
80,00	Deposited charcoal built mound of Earth 2½ ft high from pit 18x24x12 in deep drove Pine post 2x2 in 2 ft long in SE pit for cor to Secs 1.2.35 & 36

Land rolling soil 1st rate

Range No 52 West of 6th P M

chs	
	North 89°54' West bet Secs 2 & 35
	Va 15° 5' E
35,00	Drain with pine timber course SE
40,00	Built mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ sec cor
56,00	Drain with Pine timber course SE
63,00	Drain with Pine timber course SE
80,00	Deposited charcoal built mound of Earth 2½ ft high from pits 18x24x12 in deep drove Pine post 2x2 in 2 ft long in SE pit for cor to Secs 2.3. 34 & 35

Land rolling

Soil 2nd rate

Between Townships No 29 & 30 North

chs	North 89° 54' West bet secs 3 & 34 Var 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 sec cor
44.00	Drain with timber course South
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 3.4.33 & 34

Tunnel rolling
Soil 2nd rate

Range No 52 West of 6th P M

chs	North 89° 54' West bet secs 4 & 33 Var 15° 5' E
40.00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 sec cor
51.00	Drain course N E
59.00	Drain course N E
80.00	Deposited charcoal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in S E pit for cor to secs 4.5.32 & 33

Tunnel rolling
Soil 1st rate

Between Townships No 29 & 30 North

chs	
	North 89° 54' West bet secs 5 & 32 Va 15° 5' E
40,00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
80,00	Deposited chers coal built mound of Earth 2½ ft high from pits 18×24×12 in deep drove Pine post 2×2 in 2 ft long in SE pit for cor to secs 5.6.31 & 32

Tunel rolling
Soil 1st rate

Range No 52 West of 6th P M

chs	
	North 89° 54' West bet secs 6 & 31 Va 15° 5' E
40,00	Built mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec cor
79,42	To the established cor to Townships No 29 & 30 North Ranges No 52 & 53 West

Tunel rolling
Soil 1st rate
October 15th 1880

General Description of Town-
-ship No 29 North of Range No
52 West of the 6th P M
The land in the South part of
this Township is rough 2nd rate
land The North half is rolling
lang with a good soil and
considerable Pine timber in the
Ravines there is good grass all
over the Township but no
water that I know of

List of Names

A list of the names of the individuals employed to assist in runing Mesureing or marking the lines and corners described in the foregoing field notes of Townships no 25.26.27.28 & 29 of Ranges No 51 & 52 and Townships no 25.26.27 & 28 of Ranges no 53 & 54 all North of the base line and West of the 6th Principal meridian in Nebraska showing the respective capacities in whitch they acted

E. J. Combs Chainman
H. O. Bailey Chainman
O. F. Lambertson Moundman
Charles Harrison Flagman

We hereby certify that we assisted Stephen C McCloy U S Deputy Surveyor in Surveying the exterior boundaries of Townships No 25.26.27 & 28 & 29 of Ranges No 51 & 52 and Townships No 25.26.27 & 28 of Ranges No 53 & 54 all North of the base line and West of the 6th Principal meridian in Nebraska 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, of dimensions character and construction and marking and in the manner as specifically described in the foregoing field notes

E. J. Combs Chainman
H. O. Bailey Chainman
O. F. Lambertson Moundman
Charles Harrison Flagman

Subscribed and sworn to before me this day AD 1880

[illegible]
Notary Public

I Stephen C McElroy United States Deputy Surveyor do solemnly swear that I have in my own proper person and with the necessary assistance well truly and faithfully executed the Exterior Surveys of Townships No 25, 26, 27, 28 & 29 of Ranges No 51 & 52 and Townships No 25, 26, 27 & 28 of Ranges No 53 & 54 all North of the Base line and west of the 6th Principal Meridian in Nebraska under my contract with George J Smith United States Surveyor General for the district of Nebraska and Iowa bearing date August 5th 1880 that in making the said Surveys I have used only such Instruments as were approved by the said Surveyor General exercising due care in the preservation of the adjustments of the same that in using the Solar compass I have at no time projected establishing lines depending for alignment upon the magnetic needle that I have ~~that~~ I have in all respects complied with

The laws of the United States governing public land surveys the surveying manual and such additional instructions as have been furnished me by and through the said Surveyor General relating to the aforesaid Survey that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned that to the best of my knowledge and belief all assistants so employed have likewise obeyed the aforesaid laws and instructions and that the annexed field notes are the original true and correct returns of the said surveys

Stephen C McElroy
Deputy Surveyor

Sworn to before me and subscribed in my presence this 16th day of December A.D. 1880

Geo S Smith
U S Surveyor Genl

Surveyor General's Office
Plattsmouth Neb. Feb. 28th 1881

The foregoing field notes of of the Survey of the Exterior lines of Townships No 25.26.27 28 & 29 in Ranges 51 & 52 & Townships 25.26.27 & 28 in Ranges 53 & 54 all North of Base Line & West of the 6th P.M. in Nebraska. Executed by Stephen C McElroy Deputy Surveyor under Local Contract No 116 dated Aug. 5th 1880 in the Month of October 1880 having been critically examined the necessary corrections & explanations made, the said field notes & the surveys they describe are hereby approved

Geo S Smith
Surveyor General

General Land Office • Original Field Notes

Book Number

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

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