General Land Office • Original Field Notes

Book Number

378

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

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

Index Diagram

Town 29 N. R 12 W.

6	60	5	44	4	33	3	22	2	11	1	
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50		49		37		26		15		4	
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Field Notes
of the
Survey and Sub-divisions
of Township 29 North of the
Base Line of Range No 12
West of the 6th Principal
Meridian in the State
of Nebraska.

Executed by
William H. Richards

Survey commenced July 18. 1871.
Survey completed July 22. 1871

A list of the names of the persons employed to assist in surveying and sub-dividing this Township showing the respective capacities in which they acted.

Mountaineer and Axemen { H. S. Gardner
L. A. Tannehill

Chainmen { E. L. Watteweyre
A. C. Richards.

To determine the proper adjustment of of my compass for subdividing this Township, I commence at the corner to Townships ~~28 and~~ 29 N. R. 11 and 12 W. and run.

North on blank line along the East Boundary of Section 36

Va. 13.15 East

40.08 To a point 5 linke east of corner to 1/4 sections

80.12 To a point 12 linke east of corner to sections 25 and 36.

To retrace this line or run parallel thereto my compass must be adjusted to a variation of 13° 20' E

Township 29 North. Range 12 West

chains	
	North Betw Secs. 35 and 36 Va. 13°20' E
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
66.50	Elkhorn River 50 links wide runs East. Scattering cottonwood tree along banks.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 25 26 35 + 36
	Surface level Soil 1st rate

Township 29 North. Range 12 West

chains	
Va. 13°20'	East on Random line Bet. Secs. 25 and 36
7.30	Elk Horn River 50 links wide. N. E.
14.00	" " " " " " S. E.
40.00	Set post for temporary 1/4 Sec. corner.
79.80	Intersect East Boundary of Township at a point 20 links North of corner to Secs. 25 and 36 from which corner I run N. 89° 5' W. on true line Bet Secs. 25 and 36 Va. 13°20' E
39.90	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.80	The corner to Secs 25 26 35 + 36
	Surface level Soil 1st rate.

Township 29 North. Range 12 West

chains	
	North bet Secs 25 and 26
	Var 13° 20' E.
25.00	Leave bottom bearing E. and W.
40.00	Set Post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner.
80.00	Set Post. deposite charred stake raise mound of earth with pits as per instructions for Cor to Secs 23, 24, 25 & 26
	Surface — Level
	Soil — 1st rate

Township 29 North. Range 13 West

chains	
	East on random line
	bet. Secs 24 and 25
	Var 13°20' E
40.00	Set a post for temporary 1/4 Sec Corner
79.68	Intersect the East boundary of Township at a point 30 links North of Corner to Secs 24 and 25 from which corner I run N 89° 47' W on true line bet Secs 24 & 25
	Var 13°20' E.
39.84	Set Post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
79.68	The corner to Secs 23, 24, 25 & 26
	Surface. Gently rolling
	Soil 1st rate

Township 29 North. Range 12 West

chains	
	North bet Secs 23 and 24 Variation 13° 20' E
40.00	Set Post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.00	Set Post deposite charred stake raise mound of earth with pits as per instructions for Corner to Secs 14. 13. 23 & 24
	Surface – Gently rolling Soil – 1st Rate

Township 29 North. Range 12 West

chains	
	East on Random line bet Secs 13 and 24 Var 13° 20' E
40.00	Set a post for temporary 1/4 Sec Corner
79.78	Intersect the East Boundary of Township at the Corner to Secs 13 and 24 From which corner Run West on true line bet Secs 13 & 24 Var 13° 20' E
39.89	Set Post, deposite charred stake raise mound of Earth with pits as per instructions for 1/4 Sec Corner
79.78	The corner to Secs 14. 13 23 and 24 Surface – Gently rolling Soil – 1st rate

chains

North bet Secs 13 and 14
Var 13° 20' E.

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

80.00 Set post deposite charred stake raise mound of earth with pits as per instructions for Corner to Secs 11. 12. 14 and 13

Surface — Level
Soil — 1st rate

chains

East on random line bet Secs 12 & 13
Var 13° 20' E.

40.00 Set a post for temporary 1/4 Sec Cor.

0.20 Intersect the E boundary of township at a point 18 links N of Corner to Secs 12 & 13 From which Corner I run N 89° 56' W on true line bet Secs 12 & 13
Var 13° 20' E.

40.10 Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner

80.20 The Corner to Secs 11. 12 14 and 13

Surface — Gently rolling
Soil 2d Rate

Township 29 North. Range 12 West

Chains	
	North bet Secs 11 and 12 Var 13° 20' E
40.00	Set post deposite Charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.00	Set post deposite Charred stake raise mound of earth with pits as per instruction for Corner to Secs 2. 1. 11 & 12
	Surface — Level Soil — 2d Rate

Township 29 North. Range 12 West

Chains	
	East on random line bet Secs 1 and 12 Var 13° 20'
40.00	Set a post for temporary 1/4 Sec Corner
80.27	Intersect the E boundary of township at a pt 30 links N of corner to Secs 1 and 12 From which Corner I run N 89° 47' W. on true line bet Secs 1 and 12 Var 13° 20'
40.13½	Set post. deposite Charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.27	The Corner to Secs 2. 1 11 and 12
	Surface — Level Soil — 2d Rate

Township 29 North, Range 12 West

chains	
	North on Random line bet Secs 1 and 2 Var 13° 20' E.
40.00	Set a post for temporary 1/4 Sec Corner
79.90	Intersected the N. boundary of the township 38 links W of Cor to Secs 1 & 2 From which corner I run S 16' W on true line bet Secs 1 and 2 Var 13° 20'
39.90	Set a post deposite Charred stake raised mound of earth with pits as per instructions for 1/4 Sec Cor
79.90	The corner to Secs 1, 2, 11 and 12
	Surface Level Soil 2d Rate
	July 18. 1871

Township 29 North, Range 12 West

chains	
	North bet Secs 34 & 35 Var 13° 20'
40.00	Set post deposite Charred stake raise mound of earth with pits as per instructions for 1/4 Sec Cor
76.00	Elk Horn 40 lks. E
80.00	Set post deposite Charred stake raise mound of earth with pits as per instructions for Corner to Sections 26 & 27, 34 and 35
	Surface — Level Bottom Soil — 1st Rate

Township 29 North. Range 12 West

chains	
Va 13°20	East on random line bet Secs 26 & 35
24.00	Elk Horn River 49 links. runs N.E.
37.00	" " " 55 " " S.E.
40.00	Set a post for temporary 1/4 Sec Corner
80.08	Intersected the N. & S. line at the Corner to Secs 25., 26. 35 and 36 from which Corner I run W on a true line bet Secs 26 & 35 Var 13°20'E
40.04	Set post deposite Charred stake raise mound of Earth with pits as per instructions for 1/4 Sec Cor
[illegible]	[illegible]
[illegible]	[illegible]
80.08	The Corner to Secs 26 & 27 34 & 35

Surface — Level
Soil — 1st rate

Township 29 North. Range 12 West

chains	
	North bet Secs 26 & 27 Var 13°20'E.
40.00	Set post deposite Charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
64.00	Leave Bottom E. & W.
80.00	Set post deposite Charred stake raise mound of earth with pits as per instructions for corner to Secs 22, 23. 26 and 27

Surface — Upland
Soil — 1st Rate

Township 29 North. Range 12 West

chains	
	East on random line bet Secs 26 & 23 Var 13° 20' E
40.00	Set post for temporary 1/4 Sec Corner
79.72	Intersect A & S Line 28 lks S of corner to Secs 23. 24. 25 & 26 From which Corner I run S 89° 48' W on a true line bet Secs 26 & 23 Var 13° 20' E
39.86	Set post deposite Charred stake raise mound of earth with pits as per instruction for 1/4 Sec Corner
79.72	The corner to Secs 22. 23 26 & 27
	Surface Gently rolling Soil 1st Rate

Township 29 North. Range 12 West

chains	
	North bet Secs 22 & 23 Var 13° 20'
40.00	Set post deposite Charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.00	Set post deposite Charred stake raise mound of earth with pits as per instructions for Corner to Secs 14. 15. 22 & 23
	Surface Level Upland Soil 2d Rate

Township 29 North. Range 12 West

chains	
	East on a random line bet Secs 14 & 23
	Var 13° 20'
40.00	Set post for temporary 1/4 Sec Corner
79.80	Intersect N & S Line 15 links S. of Corner to Secs 13. 14. 23 & 24 From which corner I run S 89° 54' W on a true line bet Secs 14 & 23
	Var 13° 20' E
39.90	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
79.80	The Corner to Secs 14. 15. 22 & 23

Surface Level
Soil 2d Rate

Township 29 North. Range 12 West

chains	
	North bet Secs 14 and 15
	Var 13° 20'
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for Corner to Secs 10. 11. 14 and 15

Surface Level Upland
Soil 2d Rate

Township 29 North, Range 12 West

chains	
	East on pari dom line bet Secs 11 & 14
~~[illegible]~~	Variation 13° 20' E
40.00	Set post for temporary 1/4 Sec Corner
7 ~~4~~.70	Intersected N & S Line 8 lks S of the corner to Secs 11.12.13 & 14 From which corner I run S 89° 57' W on a true line bet Secs 11 & 14
	Var 13° 20' E
37.85	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
77.70	The Corner to Secs 10.11.14 & 15
	Surface Level
	Soil — Upland 2d Rate

Township 29 North, Range 12 West

chains	
	North bet Secs 10 & 11
	Var 13° 20'
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for Corner to Secs 2.3.10 and 11
	Surface — Level
	Soil 2d Rate Upland

Township 29 North, Range 12 West

chains	
	East on Random line bet Secs 7 & 11 Var 13° 20' E
40.00	Set a post for a temporary 1/4 Sec Corner
79.64	Intersected on N & S Line 5 lks. n. of ~~at~~ the Cor to Secs 1. 2. 11 & 12 From which Corner I run N 89° 58' W on a true line bet Secs 2 & 11 Var 13° 20' E
39.82	Set a post deposite charred stake raise a mound of earth with pits as per instructions for 1/4 Sec Cor
79.64	The Corner to Secs 2. 3. 10 & 11.

Surface Level
Soil No 2 Upland

Township 29 North, Range 12 West

chains	
	North on a Random line bet Secs 2 & 3 Var 13° 20' E
40.00	Set a post for a temporary 1/4 Sec Corner
80.50	Intersected the N. boundary of the township 30 lks. W of the Corner to Secs 2 & 3 From which corner I run S 13' W on a true line bet Secs 2 & 3 Var 13° 20' E
40.50	Set post deposite charred stake raise mound with pits as per instructions for 1/4 Sec corner
80.50	The corner to Secs 2. 3. 10 & 11

Surface — Level
Soil 2° Rate

July 19 1871

Township 29 North, Range 12 West

chains	
	North bet Secs 33 & 34 Var 13° 20' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for Corner to Secs 27. 28. 33 & 34
	Surface Soil — Level bottom 1st rate

Township 29 North, Range 12 West

chains	
Va. 13° 20' E	East on a random line between Secs 27 & 34
27.00	Elk Horn River. 40 links. S. E. corner
40.00	Set post for temporary 1/4 Sec
40.20	Elk Horn River 40 links, runs N. E.
73.00	Elk Horn River 40 links, runs S. E.
80.10	Intersected N & S Line 8 links N of the corner to Secs 26. 27 34 & 35 From which corner Drum N 89° 57' W on a true line bet Secs 27 & 34 Var 13° 20' E
40.~~10~~ 05	Set post deposite charred stake raise mound of earth with pits as per instructions as Witness Cor for 1/4 Sec Corner
80.10	The Corner to Secs 27. 28 33 & 34
	Surface Soil — Level bottom 1st Rate

Township 29 North. Range 12 West

chains

North bet Secs 27 & 28
Var 13° 20' E

7.00 Elk Horn river 4 links E

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

73.00 ~~Cream Bottom~~ E and W

80.00 Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Secs 21, 22, 27 & 28

Surface gently rolling
Soil 2d Rate Upland

Township 29 North. Range 12 West

chains

East on random line bet Secs 27 & 22.
Var 13° 20'

40.00 Set a post for temporary 1/4 Sec Corner

80.40 Intersect N & S line at the Corner to Secs 22, 23, 26 & 27
From which corner Drum West a true line bet Secs 27 and 22.
Var 13° 20'

40.20 Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner

80.40 The Corner to Secs 21, 22, 27 & 28

Surface Gently rolling
Soil 2d Rate Upland

Township 29 North. Range 12 West

chains	
	North bet Secs 21 & 22
	Var 13° 20'
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for the Corner to Secs 15.16.21 & 22
	Surface Level Upland
	Soil 2° Rate

Township 29 North. Range 12 West

chains	
	East on a random line bet Secs 22 & 15
	Var 13° 20'
40.00	Set a post for a temporary 1/4 Sec Corner
80.30	Intersect on N & S line 5 lks S of the Corner to Secs 14.15.22 & 23 From which corner I run S 89° 58' W on a true line bet Secs 22 & 15
	Var 13° 20'
40.15	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.30	The Corner to Secs 15.16 21 & 22
	Surface Level Upland
	Soil 2° rate

Township 29 North. Range 12 West

chains	
	North bet Sec 15 & 16 Var 13° 20'
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for Corner to Secs 9.10.15 & 16
	Surface Level Upland Soil 2° Rate

Township 29 North. Range 12 West

chains	
	East on random line bet Secs 10 & 15 Var 13° 20'
40.00	Set a post for the temporary 1/4 Sec Corner
80.46	Intersect the N & S line 15 lks N of the Corner to Secs 10.11.14 & 15 From which corner d rum N 89° 54' W on a true line bet Secs 10 & 15 Var 13° 20'
40.23	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.46	The Corner to Secs 9.10 15 & 16
	Surface level Upland Soil 2° Rate

Township 29 North, Range 12 West

chains

North bet Secs 9 & 10
Var 13° 20' E

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

80.00 Set post deposite charred stake raise mound of earth with pits as per instruction for Corner to Secs 3, 4, 9 & 10

Surface Level upland
Soil 2° Rate

Township 29 North, Range 12 West

chains

East on a random line bet Secs 3 & 10 E
Var 13° 20

40.00 Set a post for the temporary 1/4 Sec Corner

80.04 Intersect the N & S Line 3 links S of the Corner to Secs 2, 3, 10 & 11 From which corner I run S 89° 59' W on a true line bet Secs 3 & 10
Var 13° 20' E

40.02 Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec Corner

80.04 The Corner to Secs 3, 4, 9 & 10

Surface Level upland
Soil 2° Rate

Township 29 North. Range 12 West

chains	
	North on a random line bet sees 3 & 4
	Var 13° 20' E
40.00	Set a post for the temporary 1/4 Sec Corner
80.10	Intersect the 1st boundary of the township 30 links W of the Cor to sees 3 & 4 from which corner I run S 13' W on a true line bet sees 3 & 4
	Var 13° 20'
40.10	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.10	The corner to secs 3. 4. 9 & 10
	Surface level
	Soil 2d rate
	July 20. 1871

Township 29 North. Range 12 West

chains	
	North bet sees 32 & 33
	Var 13° 25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for Corner to secs 28. 29. 32 & 33
	Surface Level
	Soil 1st rate

Township 29 North. Range 12 West

chains	
Va.	East on a random line
13°25'	bet. Secs 28 & 33
40.00	Set post for temporary 1/4 Sec. corner
58.80	Elk Horn River. 40 links. S. sometimes E.
79.00	" " " 80 " course N.
	Scattering cottonwood trees along river. None convenient for marking.
79.90	Intersect the N & S line at the corner to Secs 27.28.33 & 34 From which corner I run West on a true line between Secs 28 & 33
	Var 13°25' E
39.95	set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
79.90	The Corner to Secs 28.29 32 & 33
	Surface Level
	Soil 1st rate (good grass)
	not subject to overflow

Township 29 North. Range 12 West

chains	
	North between Secs 28 & 29
	Var 13°25' E
40.00	set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner
57.50	Elk Horn river S.E. 75 lks scattering timber on banks
70.00	Leave bottom, bears E. & W.
80.00	set post deposite charred stake raise mound of earth with pits as per instructions for the Corner to Secs 20.21.28 & 29
	Surface Bottom — Level Upland Gently rolling
	Soil 1st rate

Township 29 North. Range 12 West

chains	
	East on a random line bet secs 21 & 28
	Var 13°25' E.
40.00	Set post for the temporary 1/4 sec Corner
79.50	Intersect on ct & s line 20 links ct of the Corner to secs 21.22.27 & 28 From which corner I run ct 89°51' W on a true line bet secs 21 & 28
	Var 13°25' E
39.75	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec Corner
79.50	The Corner to secs 20.21.28 & 29
	Surface Gently rolling
	Soil 1st rate

Township 29 North. Range 12 West

chains	
	North bet secs 20 & 21
	Var 13°25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec Corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for the Corner to secs 16.17.20 & 21
	Surface Gently rolling
	Soil Sandy 2d rate

Township 29 North. Range 12 West

chains	
	East on a random line bet secs 16 & 21 Var 13°25' E
40.00	set a post for the temporary 1/4 sec Corner
79.90	Intersection the N & S line 10 links N of the Corner to secs 15.16.21 & 22 from which corner I run N 89°56' W on a true line bet the secs 16 & 21 Var 13°25' E
39.95	set post deposite Charred stake raise mound of earth with the pits as per instructions for 1/4 sec Corner
79.90	The Corner to secs 16.17.20 & 21
	Surface Gently rolling Soil 2° Rate

Township 29 North. Range 12 West

chains	
	North bet secs 16 & 17 Var 13°25' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec Corner
80.00	set post deposite charred stake raise mound of earth with pits as per instructions for the Corner to secs 8.9.16 & 17
	Surface Level Soil 2° rate no sand

Township 29 North. Range 12 West

chains

East on a random line
bet Secs 9 & 16
Var 13°25' E

40.00 Set post for the temporary
1/4 Sec Corner

80.00 Intersect the N & S line at
the corner to Secs 9.10.15 &
16 from which corner I
run W on a true line bet
Secs 9 & 16
Var 13°25' E

40.00 Set post deposite Charred
stake raise mound of
earth with pits as per in-
structions for 1/4 Sec Corner

80.00 The corner to Secs 8.9.16 & 17

Surface Level
Soil 2d rate

Township North. Range 12 West

chains

North bet Secs 8 & 9
Var 13°25' E

40.00 Set post deposite Charred
stake raise mound of
earth with pits as per
instructions for 1/4 Sec Corner

80.00 Set post deposite Charred
stake raise mound of
earth with pits as per
instructions for the Corner
to Sec 4.5.8 & 9

Surface Level
Soil 2d rate

Township 29 North. Range 12 West

chains

East on a random line bet
sec 4 & 9
Var 13°25' E
40.00 Set a post for the temporary
1/4 Sec Corner
80.25 Intersected the ct & S line
20 links ct of the corner
to sec 3. 4. 9 & 10 from
which corner I run ct 89°51'
W on a true line bet secs
4 & 9
Var 13°25' E
40.12½ Set post deposite Charred
stake raise mound of
earth with pits as per in-
structions for 1/4 Sec Corner
80.25 The Corner to secs 4. 5. 8 & 9

Surface Level
Soil 2d rate

Township 29 North. Range 12 West

chains

North on a random line
bet secs 4 & 5
Var 13°25' E
40.00 Set a post for the temporary
1/4 Sec Corner
79.90 Intersect the ct boundary
of the township 30' chains W
of the Corner to secs 4 & 5
from which corner I run
S 13' W on a true line bet
Secs 4 & 5
Var 13°25' E
39.90 Set post deposite Charred
stake raise mound of
earth with pits as per
instructions for 1/4 Sec
Corner
79.90 The corner to sec 4. 5. 8 & 9

Surface Level
Soil 2d rate

Township 29 North. Range 12 West

chains

North bet Secs 31 & 32
Var 13°25' E

40.00 set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner

80.00 set post deposite charred stake raise mound of earth with pits as per instructions for the Corner to Secs 29.30 31 & 32.

Surface level
Soil 1st rate bottom

Township 29 North. Range 12 West

chains

East on a random line bet Secs 29 & 32
Var 13°25' E

40.00 set a post for the temporary 1/4 Sec Corner

80.16 Intersect on N & S line at the Corner to Secs 28.29.32 & 33 from which corner I run W on a true line bet Secs 29 & 32
Var 13°25' E

40.08 set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner

80.16 The Corner to Sec 29.30.31 & 32

Surface level
Soil 1st rate bottom

Township 29 North. Range 12 West.

chains	
	West on a random line bet sec 30 & 31 Var 13°29' E
40.00	set a post for the temporary 1/4 sec Corner
79.94	Intersect the N boundary of the township 3 links N of the Corner to secs 30 & 31 from which Corner I run N 89°59' E on a true line bet secs 30 & 31 Var 13°25' E
39.94	set post deposite charred stake raise mound of earth with pit as per instructions for the 1/4 sec Corner
79.94	The Corner to secs 29. 30. 31 & 32
	Surface level Soil 1st rate bottom
	July. 21. 1871

Township 29 North. Range 12 West

chains	
	North bet secs 29 & 30 Var 13°25' E
40.00	set post deposite charred stake raise mound of earth with pit as per instructions for 1/4 sec Corner
63.00	Elk Horn river 45 lks S.E.
80.00	set post deposite charred stake raise mound of earth with pit as per instructions for the Corner to secs 19. 20. 29 & 30
	Surface level Soil 1st rate

Township 29 North. Range 12 West

chains	
Var 13°25'	East on random line bet
	Secs 20 & 29
8.00	Bears bottom. bearing N. and S.E.
40.00	Set a post for the temporary
	1/4 Sec Corner
80.10	Intersect the ct & s line 2 links
	S of the Corner to secs 20.21
	28. & 29 from which
	corner I run S 89° 59' W on
	a true line bet secs 20 & 29
	Var 13°25' E
40.05	Set post deposite Charred
	stake raise mound of
	earth with pits as per in-
	structions for the 1/4 Sec Corner
80.10	The corner to Secs 19.20.29 &
	30
	Surface Gently rolling
	Soil 1st rate

Township 29 North, Range 12 West

chains	
	West on a random line
	bet secs 19 & 30
	Var 13° 25' E
40.00	Set a post for the temporary
	1/4 sec Corner
79.98	Intersect the W boundary
	of the township at the
	Corner to Secs 19 & 30 from
	which corner I run E. on
	a true line bet Secs 19 & 30
	Var 13°25' E
39.98	Set a post deposite Charred
	stake raise mound of
	earth with pits as per in-
	structions for the 1/4 Sec Corner
79.98	The corner to Secs 19.20.29
	& 30
	Surface level
	Soil 2d rate bottom

Township 29 North. Range 12 West

chains	
	North bet Secs 19 & 20
	Var 13°25' E
37.00	Leave bottom S.E. & N.W
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for the 1/4 sec Corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for the Corner to secs 17.18.19 & 20
	Surface & soil
	Bottom land level 2d rate
	Upland rolling 3d rate

Township 29 North. Range 12 West

chains	
	East on a random line bet Secs 17 & 20
	Var 13°25' E
40.00	Set a post for the temporary 1/4 sec Corner
80.20	Intersect on the N & S line 30 links S of the Corner to secs 16.17.20 & 21 from which Corner I run S 89°47' W on a true line bet secs 17 & 20
	Var 13°25' E
40.10	Set post deposite charred stake raise mound of earth with pits as per instructions for the 1/4 sec Corner
80.20	The Corner to secs 17.18.19 & 20
	Surface Gently rolling
	Soil 2d rate

Township 29 North. Range 12 West

chains	
	West on a random line bet Secs 18 & 19
	Var 13°25' E
40.00	set post for the temporary 1/4 sec Corner
79.88	Intersect the W boundary of the township 20 links S of the Corner to Secs 18 & 19 from which corner drum S 89°51' E on a true line bet Secs 18 & 19
	Var 13°25' E
39.88	set post deposite charred stake raise mound of earth with pits as per instructions for the 1/4 sec Corner
79.88	The Corner to Secs 17.18.19 & 20

Surface rolling
Soil 3d rate dry & hard on

Township 29 North. Range 12 West

chains	
	North bet Secs 17 & 18
	Var 13°25' E
40.00	Set a post deposite charred stake raise mound of earth with pits as per instructions for the 1/4 sec Corner
80.00	Set a post deposite Charred stake raise mound of earth with pits as per instructions for the Corner to Secs 7.8.17 & 18

Surface rolling
Soil 3d rate

Township 29 North. Range 12 West

chains	
	East on a random line bet Secs 8 & 17
	Var 13° 25' E
40.00	Set a post for the temporary 1/4 Sec Corner
80.12	Intersect the ct & S line at the Corner to Secs 8.9.16 & 17 from which corner I run W on a true line bet Secs 8 & 17
	Var 13° 25' E
40.06	Set post deposite charred stake raise mound of earth with pits as per instructions for the 1/4 Sec Corner
80.12	The Corner to Secs 7.8.17 & 18
	Surface Valley
	Soil 3d rate dry & hard

Township 29 North. Range 12 West

chains	
	West on a random line bet Secs 7 & 18
	Var 13° 25' E
40.00	Set a post for the temporary 1/4 Sec Corner
79.78	Intersected the W boundary of the township 30 links S of the Corner to Secs 7 & 18 from which Corner I run S 89° 47/54' E on a true line bet Secs 7 & 18
	Var 13° 25' E
39.78	Set post deposite charred stake raise mound of earth with pits as per instructions for the 1/4 Sec Corner
79.78	The Corner to Secs 7.8.17 & 18
	Surface Valley
	Soil 3d rate dry & hard

Township 29 North. Range 12 West

chains	
	North bet Secs 7 & 8
	Var 13°25' E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for the 1/4 sec stake
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for the Corner to secs 5.6.7 & 8
	Surface Valley
	Soil 3d rate dry & hard

Township 29 North. Range 12 West

chains	
	East on a random line bet Secs 5 & 8
	Var 13°25' E
40.00	Set a post for the temporary 1/4 sec Corner
79.90	Intersect the ct & s line 3 links S of the Corner to secs 4.5.8 & 9 from which corner I run S 89°59' W on a true line bet secs 5 & 8
	Var 13° 25' E
39.95	Set post deposite charred stake raise mound of earth with pits as per instructions for the 1/4 sec Corner
79.90	The Corner to secs 5.6.7 & 8
	Surface level
	Soil 2d rate

Township 29 North Range 12 West

chains	
	West on a random line bet sec 6 & 7
	Var 13°25' E
40.00	Set a post for the temporary 1/4 sec Corner
79.86	Intersect on the W boundary of the township 24 links S of the Corner to secs 6 & 7 from which corner I run S89°50' E on a true line bet secs 6 & 7
	Var 13°25' E
39.86	Set post deposite charred stake raise mound of earth with pits as per instructions for the 1/4 sec Corner
79.86	The Corner to secs 5.6.7 & 8

Surface rolling
Soil 3d rate

Township 29 North Range 12 West

chains	
	North on a random line bet secs 6 & 5
	Var 13°25' E
40.00	Set a post for the temporary 1/4 sec Corner
80.47	Intersect the N boundary of the township 2 links W of the corner to secs 5 & 6 from which corner I run S1' W on a true line bet secs 5 & 6
	Var 13°25' E
40.47	Set post deposite charred stake raise mound of earth with pits as per instructions for the 1/4 sec Corner
80.47	The Corner to secs 5.6.7 & 8

Surface Gently rolling
Soil 3d rate dry land

July 22 1871

Township 29 North. Range 12 West

General Description.

The Elkhorn river runs through the Southern part of this Township, is a fine clear stream of water about 40 links wide but has no timber on its banks. The bottom land is level and 1st rate. The upland is rolling, soil 2nd rate.

We hereby certify that we assisted William A. Richards Deputy Surveyor, in surveying and subdividing Township 29 North of the Base Line of Range 12 West of the 6th Principal Meridian, and that said Township has been, in all respects, to the best of our knowledge and belief, well and faithfully surveyed and the boundary monuments planted according to the instructions of the Surveyor General.

Mounderer and Axemen { H. S. Gardner
L. A. Tannehill

Chainmen { E. S. Waltemyre
A. C. Richards

Subscribed and sworn to by the above named Persons, before me a Notary Public for the county of Douglas State of Nebraska, this 22 day of September, 1871.

Rollin le Smith
Notary Public

I, William A. Richards, deputy Surveyor, do solemnly swear that, in pursuance of a joint contract wherein William A. Richards, and Joseph W. Gay, are joint Contractors with E. E. Cunningham, Gen. S. Surveyor General for Iowa and Nebraska, bearing date June 15th, 1871. I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor General, the Surveying Manual, and the laws of the United States, surveyed all those parts or portions of Township No. 29 North, of the Base Line of Range 12 West of the

6th Principal Meridian, as are represented in the foregoing field-notes as having been surveyed under my directions, and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions and that the foregoing are the true, and original field-notes of such surveys.

W. A. Richards
Deputy Surveyor

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

Rollin le Smith
Notary Public

Surveyor General's Office
Plattsmouth January 12th 1872

The foregoing field notes of the survey and subdivision of Township No. 29. North of the Base line Range No 12. West of the 6th P.M. in the State of Nebraska Executed by Wm A. Richards under joint Contract No. 46. dated June 15. 1871. wherein William A Richards and Joseph W Gray are joint Contractors ~~with~~ in the month of July 1871 having been critically examined the necessary corrections and explanations made the said field notes and the surveys they describe are hereby approved.

E. E. Cunningham
Surveyor General

T 30 N., R 12 W

6	60	5	44	4	33	3	22	2	11	1	
59		58		43		32		21		10	
7	57	8	42	9	31	10	20	11	9	12	
56		55		41		30		19		8	
18	54	17	40	16	29	15	18	14	7	13	
53		52		39		28		17		6	
19	51	20	38	21	27	22	16	23	5	24	
50		49		37		26		15		4	
30	48	29	36	28	25	27	14	26	3	25	
47		46		35		24		13		2	
31	45	32	34	33	23	34	12	35	1	36	

Field Notes of the Survey and Sub-divisions of Township No 30 North of the Base Line of Range No 12 West of the 6th Principal Meridian in the State of Nebraska

Executed by
William A. Richards
Deputy Surveyor

Survey commenced July. 23. 1871.
Survey completed July. 27. 1871.

A list of the names of the persons employed to assist in surveying and sub-dividing this Township showing the respective capacities in which they acted.

H. T. Gardner } Moundman &
L. A. Tannehill } Axeman.
E. V. Wattemyre } Chainmen.
A. L. Richards }

To determine the proper adjustment of my compass for sub-dividing this Township I commence at the corner to Townships 29 and 30 N Ranges 41 and 42 W and run North on a blank line along the East boundary of Section 36.

Va. 13° 15' E

39.95 To a point 5 links East of the ¼ Sec. corner

79.90 To a point 14 links East of the corner to Sections 25 and 36.

To retrace this line or run parallel thereto my compass must be adjusted to variation of 13° 21' E.

Township 30 North Range 12 West

chains	
	North btwn. Secs. 35 and 36 Va 13° 21' E
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
77.00	Ravine bearing N.E.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 25. 26. 35 and 36.
	Surface gently rolling Soil 1st rate.

Township 30 North Range 12 West.

chains	
	East on a Random line btwn. Secs. 25 and 36. Va. 13° 21' E.
16.00	Ravine bearing N.E.
40.00	Set post for temporary 1/4 Sec. corner,
72.00	Ravine bearing N.W.
80.18	Intersect East boundary of Township at a point 30 links North of the corner to Secs. 25 and 36 from which corner Pines, North 89° 47' W. on true line btwn. Secs. 25 and 36 Va. 13° 21' E.
40.09	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.18	Corner to Secs. 25. 26. 35 and 36.
	Surface gently rolling. Soil 1st rate.

Township 30 North Range 12 West.

chains	
	North btwn. Secs. 25 & 26
	Va. 13° 20' E.
17.00	Ravine bearing East.
38.00	Ravine bearing East.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 23.24.25 & 26.
	Surface rolling.
	Soil 1st rate.

Township 30 North Range 12 West.

chains	
	East on a Random line btwn. Secs. 24 and 25
	Va 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner.
79.90	Intersect East boundary of Township at the corner to Secs. 24 and 25 from which corner I run, N. on a true line btwn. Secs. 24 and 25.
	Va 13° 20' E.
39.95	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.90	Corner to Secs. 23.24.25 & 26
	Surface rolling.
	Soil 1st rate.

Chains	
	North btwn Secs. 23 and 24 Va. 13° 20' E
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 13.14.23 & 24.
	Surface level Soil 2nd rate.

Chains	
	East on a Random line btwn. Secs. 13 and 24 Va 13° 20' E.
41.00	Set post for temporary 1/4 Sec. corner.
79.80	Intersect East boundary of Township (at a point 10 links North of the corner to Secs. 13 and 24 from which corner I run N. 89° 56' W. on true line btwn. Secs. 13 and 24 Va. 13° 20' E.
39.90	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.80	Corner to Secs. 13.14. 23 and 24 Surface level. Soil 1st rate.

Township 30 North Range 12 West.

Chains	
	North btwn. Secs. 13 and 14 Va 13° 22' E
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 11, 12, 13 and 14
	Surface level. Soil 2nd rate.

Township 30 North Range 12 West.

Chains	
	East on a Random line btwn. Secs. 12 and 13 Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner.
50.00	Ranis bearing S.
70.00	Ranis bearing S.
79.90	Intersect East boundary of Township at the established corner to Secs. 12 and 13. from which corner I run W. on a true line btwn. Secs. 12 and 13 Va. 13° 20' E.
39.95	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.90	The corner to Secs. 11, 12, 13 & 14
	Surface rolling. Soil 2nd rate.

Township 30 North Range 12 West

Chains	
	North btwn. Secs. 11 & 12 Va. 13° 21' E.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.00	Ravine bearing N.W.
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to Secs. 1, 2, 11 and 12.
	Surface gently rolling. Soil 1st Rate.

Township 30 North Range 12 West

Chains	
	East on a Random line btwn. Secs. 1 and 12 Va. 13° 20' E.
1.20	Leave ravine bearing N.W.
40.00	Set post for temporary 1/4 Sec. corner.
79.88	Intersect East boundary of Township at a point 5 link N. of the corner to Secs. 1 and 12, from which corner I run, N. 89° 58' W. on true line btwn. Secs. 1 and 12 Va. 13° 20' E.
39.94	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.88	Corner to Secs. 1. 2. 11 and 12
	Surface rolling. Soil 1st rate.

Township 30 N. R. 12. W.

chains	
	North on a Random line btwn. Secs. 1 and 2 Va. 13° 20' E.
1.00	Leave ravine bearing N.W.
40.00	Set post for temporary 1/4 Sec. corner
79.90	Intersect North boundary of Township at the corner to Secs. 1 and 2 from which corner I run S. on true line btwn. Secs. 1 and 2. Va. 13° 20' E.
39.90	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.90	Corner to Secs. 1-2-11 + 12
	Surface rolling. Soil 1st rate. July. 23rd 1871.

Township 30 North Range 12 West

chains	
	North btwn. Secs 34 and 35 Va. 13° 20' E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 26. 27. 34 and 35
	Surface level Soil 1st rate.

Chains	
	East on a Random line btwn. Secs. 26 and 35 Va. 13° 20' East
40.00	Set post for temporary 1/4 Sec. corner.
79.62	Intersect N. and S. line at a point 7 links North of the corner to secs 25 26 and 35 36 from which corner I run N. 89° 57' W. on the line btwn. secs. 26 & 35 Va. 13° 20' East
39.81	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.62	Corner to Secs. 26. 27. 34 and 35. Surface level. Soil 1st rate.

Chains	
	North btwn. Secs. 26 and 27 Va. 13° 22' East
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Sections 22. 23. 26 and 27 Surface level Soil 2nd rate upland

Township 30 North Range 12 West

chains	
	East on a Random line btwn. Secs. 23 and 26 Va 13° 20' E
40.00	Set post for temporary 1/4 Sec corner.
79.80	Intersect N. and S. line at a point 23 links N. of the corner to Secs. 23. 24. 25 and 26. from which corner I run N. 89° 50' W. on true line btwn. Secs. 23 & 26 Va 13° 20' E.
39.90	Set post. deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.80	The corner to Secs 22. 23. 26 and 27
	Surface level Soil 2nd Rate.

Township 30 North Range 12 West

chains	
	North btwn. Secs. 22 & 23 Va 13° 25' E.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	Set post. deposite charred stake raise mound of earth with pits as per instructions for corner to Secs. 14. 15. 22 and 23.
	Surface gently Rolling. Soil 2nd Rate Upland

Township 30 North Range 12 West

Chains	
	East on a Random line betwn. Secs. 14 and 23 Va. 13°25' E
40.00	Set post for temporary 1/4 Sec. corner.
79.90	Intersect N. and S. line at a point 9 link North of the corner to Secs. 13 14 23 and 24, from which corner I run, N. 89.56' W. on true line betwn. Secs. 14 and 23 Va. 13°25' E.
39.95	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.90	Corner to Secs. 14. 15. 22 and 23.
	Surface Level.
	Soil 2nd Rate.

Township 30 North Range 12 West

Chains	
	North betwn. Secs. 14 and 15 Va 13° 20' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Sections 10. 11. 14 and 15.
	Surface Rolling.
	Soil 2nd rate Upland

Township 38 North Range 12 W.

Chains	
	East on a Random line btwn. Secs. 11 and 14 Va 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner.
80.00	Intersect N and S line at a point 10 links North of the corner to Secs. 11 and 14 from which corner I find N. 89° 56' W. on true line btwn. Secs. 11 & 14 Va 13° 20' E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	The corner to Secs. 10. 11. 14 and 15
	Surface rolling. Soil 2nd rate.

Township 30 North Range 12 West.

Chains	
	North btwn. Secs. 10 and 11 Va 13° 20' E.
15.00	Ravine bearing N.W.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
43.00	Ravine bearing West.
79.50	Enter Ravine bearing N.E.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to Sections 2.3.10 and 11 in a ravine
	Surface rolling. Soil 2nd rate.

Township 30 North Range 12 West.

Chains	
	East on a Random line btwn. Secs. 2 and 11.
1.00	Va. 13° 20' E
	Leave ravine bearing N.E.
40.00	Set post for temporary 1/4 Sec. corner.
79.20	Enter ravine bearing N.W.
79.90	Intersect N. and S. at a point 10 links North of the corner to Secs. 2 and 11 from which corner I run
	N. 89° 56' W. on true line btwn. Secs. 2 & 11
	Va. 13° 20' E
39.95	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.90	Corner to Sec 2.3.10 & 11. Surface rolling. Soil 2nd rate.

Township 30 North Range 12 West.

Chains	
	North on a Random line btwn. Secs. 2 & 3
	Va. 13° 20' E
.60	Leave Ravine bearing N.E.
40.00	Set post for temporary 1/4 Sec. corner.
79.90	Intersect North boundary of Township at a point 13 links East of the corner to Secs. 2 and 3. from which corner I run,
	S. 6' E. on true line btwn. Secs. 2 and 3
	Va. 13° 20' E
39.90	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.90	The corner to Secs. 2.3.10 and 11 Surface rolling. Soil 2nd rate. July. 24th 1871

Chains	
	North btwn. Secs. 33 & 34 Va. 13° 20' E
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to Sections 27, 28, 33 and 34
	Surface Level
	Soil 2nd rate upland

Chains	
	East on a Random line btwn. Secs. 27 and 34 Va. 13° 20' E
40.00	Set post for temporary 1/4 Sec. corner.
79.92	Intersect N. and S. line at a point 10 links South of the corner to Secs. 26 27 and 34 & 35 from which corner Spruce S. 89° 56' W. on true line btwn. Secs. 27 & 34 Va. 13° 20' E.
39.96	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.92	The corner to Sections 27, 28, 33 and 34
	Surface — Level.
	Soil 2nd rate.

Township 30 North, Range 12, West

chains	
	North bet secs 27 & 28 Va 13° 20' E
40.00	Set post deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
80.00	Set post deposit charred stake, raise mound of earth with pits as per instructions for the corner to secs 21, 22, 27, and 28
	Surface level
	Soil 2nd rate upland

Township 30 North, Range 12 West

chains	
	East on a meandow line bet secs 22 & 27 Va 13° 20' E
40.00	Set post for temporary 1/4 sec corner
79.78	Intersect N. & S. line at a point 15 links South of the corner to secs 22, 23, 26, & 27, from which corner I run S 89° 54' W. on true line bet secs 22 & 27 Va 13° 20' E.
39.89	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
79.78	The corner to secs 21, 22, 27, & 28
	Surface level
	Soil 2nd rate upland

Township 30 North, Range 12 West

chains	
	North bet. sec's 21 & 22 Va 13° 20' E.
40.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
80.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for the corner to sec's 15, 16, 21, & 22
	Surface level
	Soil 2nd rate

Township 30 North, Range 12 West

chains	
	East on a random line bet. sec's 15 & 22 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner
79.85	Intersect N. & S. line at a point 9 links South of the corner to sec's 14, 15, 22, & 23, from which corner I run S. 89° 56' W. on true line bet. sec's 15 & 22 Va 13° 20' E.
39.92 1/2	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
79.85	The corner to sec's 15, 16, 21, & 22
	Surface level Soil 2nd rate upland

Township 30 North. Range 12. West

chains	
	North bet secs 15 & 16 Va 13° 20' E.
40.00	Set post deposit charred stake raise mound of earth. with pits as per instructions for 1/4 sec corner
80.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for the corner to secs 9, 10, 15, & 16.
	Surface level
	Soil 2nd rate upland

Township 30 North. Range 12 West

chains	
	East on a random line between secs 10, & 15 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner
79.90	Intersect N. & S. line at a point 15 links South of the corner to secs 10, 11, 14, & 15 from which corner I run S. 89° 54' W. on true line bet secs 10, & 15 Va 13° 20' E.
39.95	Set post deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
79.90	The corner to secs 9, 10, 15, & 16 Surface level Soil 2nd rate

Township 30 North. Range 12 West

chains	
	North bet secs 9, & 10 Va 13° 20' E.
40.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
80.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for the corner to secs 3, 4, 9, & 10,
	Surface rolling
	Soil 2nd rate upland.

Township 30 North, Range 12. West

chains	
	East on a random line bet secs 3 & 10 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner
79.78	Ravine bearing N. E.
80.18	Intersect N. & S. line at a point 9 links North of the corner to secs 2, 3, 10, & 11, from which corner I run N. 89° 56' W. on true line bet secs 3 & 10 Va 13° 20' E.
40.09	Set post, deposit charred stake raise mound of earth with pits & as per instructions for 1/4 sec corner
80.18	Corner to secs 3, 4, 9, & 10
	Surface rolling Soil 2nd rate

chains

North on a random line
Set sec's 3 and 4
Va 13° 20' E.

40.00 Set post for temporary
1/4 sec corner

79.60 Intersect North boundary
of Township at a
point 9 links West
of corner to sec's 3 & 4
from which corner a line
S. 4' W. — on true line
Set sec's 3, & 4
Va 13° 20' E.

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

79.60 Corner to sec's 3, 4, 9, & 10

Surface rolling
Soil 2nd rate.
July-25- 1871

chains

North Set sec's 32 and 33
Va 13° 20' E.

20.00 Ravine bearing N. W.

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

80.00 Set post, deposit charred
stake, raise mound of
earth with pits as
per instructions for
the corner to sec's
28, 29, 32 and 33

Surface level
Soil 1st rate

Township 30 North, Range 12 West

chains	
	East on a random line bet. sec's 28 and 33 Va 13° 20' E
40.00	Set post for temporary 1/4 sec corner
80.06	Intersect N. & S. line at the corner to sec's 27, 28, 33, and 34, from which corner I run W. on true line bet sec's 28 and 33. Va 13° 20' E.
40.03	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
80.06	Corner to sec's 28, 29, 32, & 33
	Surface level Soil 1st rate

Township 30 North Range 12 West

chains	
	North bet sec's 28 & 29 Va 13° 20' E.
40.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
80.00	Set post deposit charred stake, raise mound of earth with pits as per instructions for the corner to sec's 20, 21, 28 and 29.
	Surface level
	Soil 1st rate

Township 30 North, Range 12 West

chains	
	East on a random line Set sec's 21 and 28 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner
80.10	Intersect N. & S. line at a point 8 links South of the corner to sec's 21, 22, 27, and 28, from which corner I run S. 89° 57' W. on true line Set sec's 21, & 28, Va 13° 20 E.
40.05	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 Sec corner
80.10	Corner to sec's 20, 21, 28, & 29
	Surface level Soil 2nd rate

Township 30 North Range 12 West

chains	
	North btwn Secs. 20 & 21 Va 13° 22' E.
35.00	Ravine bearing N.W.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Section corner
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 16 17, 20 and 21
	Surface rolling Soil 2nd rate.

Township 30 North, Range 12 West

chains	
	East on a Random line btwn. Secs. 16 and 21 Va. 13° 20' E.
40.00	Set post ~~for temporary~~ 1/4 Sec. corner.
80.15	Intersect N. and S. line at the corner to Sections 15. 16. 21 and 22 from which corner I run N. on this line btwn. Secs. 16 and 21 Va 13° 20' E.
40.07½	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.15	The corner to Secs 16. 17. 20 and 21 Surface level Soil 2nd rate.

Township 30. North. Range 12 West

chains	
	North btwn. Secs. 16 and 17 Va. 13° 20' E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
65.00	Ravine bearing N.W.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for the corner to Secs. 8. 9. 16 and 17. Surface broken. Soil 2nd rate.

Township 30 North. Range 12. West

chains	
	East on a Random line btwn. Secs. 9 and 16. Va. 13° 20' E
40.00	Set post for temporary 1/4 Sec. corner.
80.08	Intersect N. and S. line at a point 8 links North of the corner to Secs. 9.10.15 and 16 from which corner I run N. 89° 55' W. on true line btwn. Secs. 9 and 16 Va 13° 20' E.
40.04	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.08	The corner to Secs. 8.9.16 and 17 Surface level. Soil 2nd rate.

Township 30 North. Range 12. West

chains	
	North btwn. Secs. 8 and 9 Va. 13° 24' E.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
70.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Secs. 4.5.8 and 9.
	Surface Gently rolling Soil 2nd rate.

Township 30 North Range 12 West

chains	
	East on a Random line btwn. Secs. 4 and 9 Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner.
80.10	Intersect N. and S. line at a point 5 links North of the corner to Secs. 3, 4, 9 and 10 from which corner I run N. 89° 58' W. on true line betwn. Secs. 4 and 9 Va 13° 20' E.
40.05	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.10	The corner to Secs. 4. 5. 8 and 9 surface rolling. Soil 2nd rate.

Township 30 North Range 12 West

chains	
	North on a Random line btwn. Secs. 4 and 5 Va. 13° 20' E.
35.00	Enter bottom bearing E. & W.
37.00	Bed of dry stream, water in holes, course W.
40.00	Set post for temporary 1/4 Sec. corner
45.00	Leave bottom bearing E. & W.
79.90	Intersect North boundary of Township at a point 14 links West of the corner to Secs. 4 and 5 from which corner I run, S 6' W on true line btwn. Secs. 4 and 5 Va. 13° 20' E.
39.90	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.90	Corner to Secs. 4. 5. 8 & 9. Surface broken. Soil 2nd rate.

Township 30 North Range 12 West

chains	
	North btwn. Secs. 31 and 32 Va. 13° 22' E.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
75.00	Enter bottom bearing N.W. and S.E.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Sections 29. 30. 31 and 32
	Surface gently rolling. Soil 1st rate.

Township 30. North. Range 12 West

chains	
	East on a Random line between Secs. 29 and 32 Va. 13° 23' E
23.92	Drain bearing N.W.
25.30	Leave bottom bearing N.W.
40.00	Set post for temporary 1/4 sec. corner
79.92	Intersect N. and S. line at the corner to Sections 28. 29. 32 and 33 from which corner I run W. on a true line btwn. Secs. 29 and 32 Va 13° 23' E
39.96	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.92	Corner to Secs. 29. 30. 31 + 32
	Surface rolling. Soil 2nd rate.

Township 30 North Range 12. West

chains	
	West on a Random line btwn. Secs. 30 and 31 Va. 13° 24' E
11.00	Leave bottom bearing N. and S. E.
40.00	Set post for temporary 1/4 Section corner.
80.20	Intersect Western boundary of Township 5 links south of corner to sections 30 and 31 from which corner I run, S. 89° 58' E. on true line btwn. Secs. 30 and 31 Va. 13° 24' E
40.20	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.20	Corner to Secs. 29 30 31 and 32 Surface gently rolling Soil 2nd rate. Aug. 26. 1871

Township 30 North. Range 12 West

chains	
	North btwn. Secs. 29 and 32. Va. 13° 23' E.
24.00	Drain bearing N. W.
30.00	Slough 10 links wide course N. E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
41.00	Slough 10 links course N.W.
46.20	" " " " N.E.
58.00	" " " " N. W.
77.70	" " " " N.E.
80.00	Set post deposite charred stake, raise mound of earth, with pits as per instructions for corner to Secs. 19. 20. 29 and 30. Surface gently rolling. Soil 1st rate.

Township 30. North, Range 12 West

chains	
	East on a Random line btwn. Secs. 20 and 29 Va. 13°23' E
3.83	Stream 10 links course N.
14.85	Creek bottom bearing N. and S.
29.85	Ravine bearing N.W.
40.00	Set post for temporary 1/4 Sec. corner.
42.00	Ravine bearing N.W.
79.85	Intersect N. and S. line at the corner to Sections 20.21. 28 and 29 from which corner Sun N. on true line btwn Secs. 20 and 29 Va. 13° 23' E.
39.92	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec corner.
79.85	Corner to Secs. 19. 20. 29 and 30. Surface broken. Soil 1st rate.

Township 30 North. Range 12. West

chains	
	West on a Random line btwn. Secs. 19. and 30 Va. 13° 26 E.
10.00	Creek bottom bearing N. & S.
40.00	Set post for temporary 1/4 Sec. corner.
80.25	Intersect West boundary of Township abg point 10 links N. of the corner to Secs. 19 and 30, from which corner Sun N. 89.56 E. on true line btwn. Secs. 19 & 30 Va 13° 26' E.
40.25	Set post, deposite charred stake, raise mound of earth, with pits as per instructions for 1/4 Sec corner.
80.25	Corner to Secs. 19.20.29 & 30
	Surface Rolling. Soil 1st rate.

Township 30 North Range 12 West

chains	
	North btwn. Secs. 19 and 20
	Va. 13° 24' E
4.20	Stream 10 links runs N. W.
15.10	" 12 " " N. E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for ¼ Sec. corner.
41.10	Stream 12 links wide course N. W. (skirted with timber)
49.95	Stream 12 links " " N. E. (skirted with timber)
57.30	Stream 3 links wide course E. (skirted with timber)
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 17. 18. 19 and 20
	Surface gently rolling. Soil 1st rate.

Township 30 North. Range 12. West

chains	
	East on a Random line btwn. Secs. 17 and 20
	Va. 13° 21' E
38.90	Stream 20 links wide course N. W.
40.00	Set post for temporary ¼ Sec. corner
46.20	Leave bottom bearing N. W.
79.90	Intersect N. and S. line at a point 8 links N. of the corner to sections 16. 17. 20 and 21 from which corner I run, N. 89° 57' W. on true line btwn. Secs. 17 and 20 Va 13° 21' E.
39.95	Set post, deposite charred stake, raise mound of earth with pits as per instructions for ¼ Sec. corner
79.90	Corner to Secs. 17. 18. 19 and 20
	Surface Rolling. Soil 2nd rate.

Township 30 North Range 12 West

chains	
	West on a Random line btwn. Secs 18 and 19 Va. 13° 22' E
15.00	Leave bottom bearing N. and S.
40.00	Set post for temporary 1/4 Sec. corner
80.36	Intersect Western boundary of Township at a point 20 links South of the corner to Secs. 18 and 19 from which corner S. run S. 89°51' E on true line btwn. Secs. 18 and 19 Va. 13° 22' E.
40.36	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.36	The corner to Secs. 17, 18, 19 and 20
	Surface Rolling
	Soil 2nd rate.

Township 30 North Range 12. West

chains	
	North btwn. Secs. 17 + 18 Va. 13° 25' E
39.00	Stream 20 links wide running N. W.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
51.00	Leave bottom bearing N.W. and S.E.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 7, 8, 17 and 18.
	Surface Rolling
	Soil 1st to 2nd rate

Township 30 North. Range 12 West

chains	
	East on a Random line btwn. Secs. 8 and 17. Va. 13° 23' E
4.00	Set post for temporary 1/4 Sec. corner.
5.70	Ravine bearing N
60.70	Ravine bearing N.W.
74.20	Ravine bearing S.
77.00	Ravine bearing S.
80.20	Intersect N. and S. line at the corner to Secs. 8 and 17 from which corner I run W. on a true line btwn. Secs. 8 and 17 Var. 13° 23' E
40.10	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.20	Corner to Secs. 7. 8. 17 and 18. Surface Broken. Soil 2nd rate.

Township 30 North Range 12. West

chains	
	West on a Random line btwn. Secs 7 and 18 Va. 13° 24' E.
13.62	Enter bottom bearing N. & S.E.
17.49	Stream 20 lks. bearing N.
20.62	Leave bottom bearing N. and S.
40.00	Set post for temporary 1/4 Sec. corner.
80.62	Intersect West boundary of Township at a point 9 links N. of the corner to Secs. 7 and 18 from which corner I run N. 89° 56' E on true line btwn. Secs. 7 and 18 Va. 13° 24' E
40.62	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.62	Corner to Secs. 7. 8. 17 & 18 Surface Rolling. Soil 1st rate.

chains	
	North btwn. Secs. 7 and 8 Va. 13° 25 E.
12.00	Bed of dry stream skirted with Cottonwood bearing N.W.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 5. 6. 7 and 8. Surface broken. Soil 3rd rate.

chains	
	East on a Random line btwn. Secs. 5 and 8 Va. 13° 20 E.
30.00	Ravine bearing N.
40.00	Set post for temporary 1/4 Sec. corner
43.00	Ravine bearing N.
79.90	~~Intersect Sh. and S line~~ at a point 10 links S. of of the corner to Secs. 4. 5. 8 and 9 from which corner I run S. 89° 56' W. on true line btwn. Secs. 5 & 8 Va. 13° 20' E.
39.95	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.90	The corner to Secs. 5. 6. 7 and 8. Surface broken. Soil 2nd rate.

Township 30 North, Range 12 West

chains	
	West on a Random line btwn. Secs. 6 and 7 Va. 13° 20' E
2.10	Enter bottom bearing N. and S.
2.40	Stream, 20 links wide, runs N.
28.00	Leave bottom bearing N. & S.
40.00	Set post for temporary 1/4 Sec. corner
80.68	Intersect Western boundary of Township at a point 21 links South of the corner to Secs. 6 and 7 from which corner S. run S. 89° 51' E. on true line btwn. Secs 6 and 7. Va. 13° 20' E
40.68	Set post, deposite, charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.68	Corner to Secs. 5. 6. 7 and 8. Surface rolling Soil 2nd rate.

Township 30 North, Range 12 West

chains	
	North on a Random line btwn. Secs. 5 and 6 Va. 13° 23' E
40.00	Set post for temporary 1/4 Sec. corner
61.90	Enter bottom bearing E. & W.
65.12	Stream 20 links skirted with plum and Willow bushes, runs N.E.
67.42	Stream 20 links skirted with plum & willow course N.W.
80.58	Intersect N. boundary of Township at a point 14 links East of corner to Secs. 5 & 6 from which corner S. run S. 6' E. on true line btwn. Secs. 5 and 6. Va. 13° 23' E
40.58	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.58	Corner to Secs. 5. 6. 7 and 8.
7 miles	Upland broken 3rd rate
July 27th 1871	Bottom level 2nd rate soil

July 27th 1871

Township 30 North Range 12 West

General Description

The surface of this Township is mostly gently rolling and the Southern and Eastern portions contain much 1st rate land. A stream of water from 10 to 20 link wide runs through the Western portion. There is ~~little~~ or ~~no~~ timber ~~within the Township~~. skirting the above mentioned stream varying in width from 1/2 to 1 and 1/2 chains wide

We hereby certify that we assisted William A. Richards, deputy Surveyor, in surveying and Sub-dividing, Town. 30 North. Range 12 West of the 6th Principal Meridian, and that said Township has been, in all respects, to the best of our knowledge and belief, well and faithfully surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General.

Monument + Axemen { H. S. Gardner
L. A. Tannehill

Chainmen { E. J. Waldemyre
A. C. Richards

Subscribed and sworn to by the above mentioned Persons, before me a Notary Public for the County of Douglas, State of Nebraska, this 22 day of September, 1871.

Rollin la Smith
Notary Pub

I, Wm A. Richards, deputy Surveyor, do solemnly swear that, in pursuance of a joint contract wherein William A. Richards and Joseph W. Gay are joint contractors with E. E. Cunningham, U. S. Surveyor General for Iowa and Nebraska, bearing date June 15th 1871. I have well, faithfully and truly

in my own proper person surveyed and sub-divided — in strict conformity with the instructions furnished by the Surveyor General, the Surveying Manual, and the laws of the United States, — all those parts or portions of Town. 30 North, Range 12 West, as are represented in the foregoing field-notes, as having been surveyed under my direction; and I further solemnly swear that all the corners of such surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and that the foregoing are the true and

original field-notes of each survey.

W. A. Richards
Deputy Surveyor

Subscribed by said Wm. A. Richards, deputy surveyor, and sworn to before me a Notary Public for the county of Douglas, State of Nebraska. this 23 day of September, 1871.

Rollin le Smith
Notary Public

Surveyor General's Office
Plattsmouth January 12th

The foregoing Field Notes of the Survey and Subdivision of Township No. 30 North of Range No. 12 West of the 6th P.M. in the State of Nebraska, Executed by Wm. A. Richards, under joint contract No. 46. dated June 15th 1871, Wherein Wm. A. Richards and Joseph W. Gay are joint contractors, - in the month of July, having been critically examined, the necessary corrections and explanations made the said Field Notes and the surveys they describe are hereby approved

E. E. Cunningham
Surveyor General

T 31 N., R 12 W.

6	60	5	44	4	33	3	22	2	11	1
59		58		43		32		21		10
7	57	8	42	9	31	10	20	11	9	12
56		55		41		30		19		8
18	54	17	40	16	29	15	18	14	7	13
53		52		39		28		17		6
19	51	20	38	21	27	22	16	23	5	24
50		49		37		26		15		4
30	48	29	36	28	25	27	14	26	3	25
47		46		35		24		13		2
31	45	32	34	33	23	34	12	35	1	36

Field Notes
of the
Survey and Sub-divisions
of Township No. 31 North
of the Base line of Range
No. 12 West of the 6th
Principal Meridian in
the State of Nebraska

Executed by William A. Richards
Deputy Surveyor

Survey commenced July 28 1871
Survey completed Aug 11. 1871

A list of the names of those persons employed to assist in surveying and sub-dividing this Township, showing the respective capacities in which they acted

H. S. Gardner } Mound men
L. A. Tannehill } and Axemen
E. L. Waltemeyer } chainmen
A. C. Richards }

To determine the proper variation of my compass for sub-dividing this Township I begin at the corner to Townships 30 and 31 North, Ranges 11 and 12 W. and run,

North on a blank line along the east ~~ern~~ boundary of section 36

Va 13° 15' E.

40.09 To a point 7 links East of the 1/4 Sec. corner.

80.14 To a point 12 links East of the corner to Secs. 25 and 36.

To retrace this line or run parallel thereto my compass must be adjusted to a variation of 13° 20' East

Township 31 North Range 12 West

chains	
	North betwn. Secs. 35 & 36
	Va. 13° 20' E
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
40.50	Ravine bearing N.W.
44.40	Ravine bearing West.
80.00	Set post deposite charred stake. raise mound of earth with pits as per instructions for corner to sections 25. 26. 35 & 36
	Surface rolling.
	Soil 1st rate.

Township 31 North Range 12 West

	East on a Random line betwnn Secs. 25 and 36
	Va. 13° 20' E.
30.00	Ravine bearing N.E.
40.00	Set post for temporary 1/4 Sec. corner.
80.00	Intersect East boundary of Township at a point 20 links south of the corner to secs. 25 and 36 from which corner I run S. 89° 51' W. on true line betwn. Secs. 25 & 36
	Va 13° 20' E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner.
80.00	The corner to secs. 25 26 35 and 36
	Surface level, excepting single ravine.
	Soil 1st rate.

Township 31 North Range 12 West

chains	
	North betwn. Secs. 25 & 26 Va. 13° 20' E.
11.00	Ravine bearing West
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
78.00	Enter ravine bearing N.W.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Sections 23.24.25 & 26
	Surface rolling. Soil 1st rate.

Township 31 North Range 12 West

	East on a Random line betwn Secs 24 and 25 Va. 13° 20' E.
01.32	Leave ravine bearing N.W.
40.00	Set post for temporary 1/4 Sec. corner.
69.82	Bed of dry stream course N. Water in holes.
79.82	Intersect East boundary of Township at a point 35 links South of the corner to Secs. 24 & 25 from which corner Bears S. 89° 45' W. on true line betwn. Secs. 24 and 25 Va. 13° 20' E
39.91	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.82	The corner to Secs. 23.24. 25 and 26.
	Surface rolling – Soil 1st rate.

Township 31 North Range 12 West

North betwn. Secs. 23 & 24
Va 13° 20' E.

1.50 Leave ravine bearing N.W.
40.00 Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00 Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 13. 14. 23 and 24

Surface rolling.
Soil 1st rate.

Township 31 North Range 12 West

East on a Random line betwn. Secs. 13 and 24
Va. 13° 20' E.

34.00 Ravine bearing N.
40.00 Set post for temporary 1/4 Sec. corner.
42.00 Ravine bearing N.E.
79.90 Intersect East boundary of Township at the corner to Sections 13 & 24 from which corner I run West on a true line betwn. Secs. 13 and 24
Va 13° 20' E.
39.95 Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec corner.
79.90 The corner to Secs. 13. 14. 23 and 24

Surface broken.
Soil 2nd rate.

Township 31 North Range 12 West

chains	
	North betwn. Secs. 13 & 14 Va 13° 20' E.
9.00	Ravine bearing N. W.
16.00	Ravine bearing N. W.
32.00	Bed of dry stream course N. W.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
47.00	Ravine bearing N. W.
80.00	Set post. deposite charred stake, raise mound of earth with pits as per instructions 11, 12, 13 and 14
	Surface rolling.
	Soil 2nd rate.

Township 31 North Range 12 West.

chains	
	East on a Random line betwn. Secs. 12 and 13 Va 13° 20' E.
37.80	Ravine bearing S. E.
40.00	Set post for temporary 1/4 Sec. corner
67.80	Drain bearing N.
79.80	Intersect East boundary of Township at a point 30 links North of the corner to Secs. 12 and 13 from which corner I run N. 89° 47' W. on true line betwn. Secs. 12 & 13 Va. 13° 20' E
39.90	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.80	The corner to Secs. 11. 12. 13 and 14
	Surface broken.
	Soil 2nd rate.

Township 31 North Range 12 West

	North betwn. Secs. 11 & 12 Va. 13° 20' E.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post deposite, charred stake, raise mound of earth with pits as per instructions for corner to sections 1. 2. 11 and 12.
	Surface rolling. Soil 1st rate.

Township 31 North Range 12 West

Chains	
	East on a Random line Betwn. Secs. 1 and 12 Va 13° 20' E.
14.70	Foot of hills bearing N. & S.
40.00	Set post for temporary 1/4 Sec. corner.
69.70	To opposite foot of hills bearing N. and S.
79.70	Intersect East boundary of Township at a point 30 links North of the corner to Secs. 1 and 12 from which corner I run N. 89° 47' W. on true line betwn. Secs. 1 and 12 Va. 13° 20' E
39.85	Set post deposite charred stake. raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.70	Corner to Secs. 1. 2. 11 & 12 Surface rolling. Soil 2nd rate.

Township 31 North Range 13 West

North on a Random line betwn. Secs. 1 & 2
Va 13° 20' E.

40.00 Set post for temporary 1/4 Sec. corner.

65.00 Bed of dry stream, course W.

79.50 Intersect North boundary of Township at a point 21 links West of the corner to sections 1 and 2, from which corner I run S. 9' W. on true line betwn. Secs. 1 and 2
Va. 13° 20' E

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

79.50 The corner to Secs. 1. 2. 11. and 12.
Surface level—Soil 1st rate
July 28. — 1871.

Township 31 North. Range 13 West

chains North betwn. Secs. 34 & 35
Va. 13° 20' E.

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

80.00 Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 26. 27. 34 and 35

Surface rolling.
Soil 2nd rate upland

chains	
	East on a Random line betwn. Secs. 26 and 35 Va 13.20 E
9.80	Enter bottom bearing N. and S.E.
25.90	Bed of dry stream. Water in holes course N.W.
29.80	Leave bottom bearing N. and S.E.
40.00	Set post for temporary 1/4 Sec. corner
79.80	Intersect N. and S. line at a point 10 links south of the corner to Secs. 25. 26. 35 and 36. from which corner I run, S. 89°56' W. on true line Betwn. Secs. 26 & 35 Va. 13°20' E.
39.90	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.80	Corner to Secs. 26. 27. 34 & 35 Surface of upland, rolling of bottom level, Soil, 2nd rate.

chains	
	North Btwn. Secs. 26 and 27 Va 13°20' E.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
60.00	Enter bottom bearing N.W. & S.E.
77.00	Bed of dry stream. Water in holes, course N.W.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 22 23. 26 and 27.
	Surface rolling. Soil 2nd rate.

Township 31 North Range 12 West

chains	
	East on a Random line between Secs. 23 and 26 Va. 13° 20' E.
4.00	Leave bottom bearing N.W. and S.E.
40.00	Set post for temporary 1/4 Sec. corner.
79.00	Enter ravine bearing N.W.
80.00	Intersect N. and S. line at a point 14 links South of the corner to Sections 23. 24. 25 and 26 from which corner I run S. 89° 54' W. on true line between Secs. 23 & 26 Va. 13° 20' E.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Corner to 22. 23. 26 and 27. Surface rolling. Soil 2nd rate.

Township 31 North Range 12 West.

chains	
	North between Secs. 22 & 23 Va 13° 20' E.
12.00	Leave bottom bears N.W. & S.E.
30.00	Ravine bearing West.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
55.00	Ravine bearing West containg scattering cottonwood trees.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 14. 15. 22 and 23.
	Surface rolling. Soil 2nd rate upland

chains	
	East on a Random line between Secs. 14 and 23. Va. 13° 20' E
40.00	Set post for temporary 1/4 Sec. corner
80.00	Intersect N. and S. line 20 links South of the corner to Secs. 13. 14. 23 and 24 from which corner I run S. 89° 51' W. on true line between Secs. 14 and 23. Va 13° 20' E.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	Corner to Secs. 14. 15. 22 and 23 Surface rolling. Soil 2nd rate.

	North Btwn. Secs. 14 and 15 Va. 13° 20' E.
9.00	Ravine bearing W.
17.00	Ravine bearing W.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
50.00	Ravine bearing W. containing cottonwood timber
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 10. 11. 14 & 15.
	Surface broken, soil, 2nd rate.

Township 31 North, Range 12 West

chains	
	East on Random line between Secs. 11 and 14 Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner
80.04	Intersect N. and S. line at a point 13 links south of the corner to sections 11. 12. 13 and 14 from which corner I run S. 89° 54' W. on true line between Secs. 11 and 14 Va 13° 20' E.
40.02	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.04	The corner to Sections 10. 11. 14 and 15.
	Surface rolling Soil 2nd rate Upland

Township 31 North, Range 12 West

chains	
	North Btwn. Secs. 10 and 11 Va. 13° 20' E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to secs. 2. 3. 10 and 11
	Surface rolling Soil 2nd rate Upland.

Township 31 North Range 12 West.

chains	
	East on a random line between Secs. 2 and 11 Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner.
80.20	Intersect N. and S. line at a point 12 links South of the corner to secs. 1. 2. 11 and 12. from which corner I run. S. 89° 55' W. on true line between. Secs. 2 & 11 Va 13° 20' E
40.10	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.20	The corner to Secs. 2. 3. 10 and 11. Surface rolling Soil 2nd rate upland

Township 31 North Range 12 West.

chains	
	North on a random line between. Secs. 2 and 3. Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner.
79.90	Intersect North boundary of Township at the corner to Secs 2 and 3 from which corner I run, S. on a true line between. Secs. 2 and 3. Va. 13° 20' E.
39.90	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.90	The corner to Secs. 2. 3. 10 and 11 Surface rolling Soil 2nd rate upland. July 29th 1871.

Township 31 North Range 12 West

chains	North betwn. Secs. 33 & 34 Va 13° 20' E
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 27, 28, 33 and 34. Surface level Soil 2nd rate upland

Township 31 North Range 12 West

chains	East on a random line betwn. Secs. 27 and 34. Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner
79.89	Intersect N. and S. line at a point 5 links N. of the corner to Sections 26, 27, 34 and 35, from which corner I run, N. 89° 58' W. on true line betwn. Secs. 27 and 34 Va. 13° 20' E.
39.94	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Section corner
79.89	The corner to Secs. 27 28, 33 and 34 Surface level Soil 2nd rate.

chains	
	North betwn. Secs. 27 and 28 Va. 13° 20' E
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 21.22. 27 and 28 Surface rolling Soil 2nd rate upland

chains	
	East on a Random line betwn. Secs. 22 and 27. Va. 13° 20' E
40.00	Set post for temporary 1/4 Sec. corner
60.94	Enter bottom bearing N.W. & S.E.
70.94	Bed of dry stream water in holes. course N.W.
79.94	Intersect N. and S. at a point 8 links south of the corner to Secs. 22.23. 26 and 27. from which corner I run S. 89° 57' W. on true line betwn. Ses. 22 and 27. Va. 13° 20' E.
39.97	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.94	The corner to Secs. 21.22. 27 & 28 Surface rolling Soil 2nd rate.

chains	
	North betwn. Secs. 21 & 22 Va. 13° 20' E
39.00	Enter ravine bearing E.
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
40.50	Leave ravine bearing E.
79.50	Enter ravine bearing East.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for for corner to Secs. 15. 16. 21 & 22.
	Surface rolling. Soil 2nd rate.

chains	
	East on a Random line Btwn. Secs. 15 and 22 Va. 13° 20' E.
21.00	Leave ravine bearing S.E. Mt.
40.00	Set post for temporary 1/4 Sec. corner
45.00	Enter bottom bearing N. and S.
51.00	Stream 10 links wide, runs N.
64.00	Leave bottom bearing N. & S.
80.20	Intersect N. and S. line at a point 30 links South of the corner to Secs. 14. 15. 22 and 23, from which corner I run S. 89° 47' W. on true line betwn. Secs. 15 and 22 Va. 13° 20' E
40.10	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.20	The corner to Secs. 15. 16. 21 & 22 surface broken — Soil 2nd rate.

Township 31 North Range 12 West

Chains	
	North betwn. Secs. 15 and 16.
	Va. 13° 20' E
00.50	Leave Ravine, E and N.W.
40.00	Set post deposite chared stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post, deposite chared stake, raise mound of earth with pits as per instructions for corner to Sections 9.10.15 & 16
	Surface rolling.
	Soil 2nd rate upland

Township 31 North Range 12 W.

Chains	
	East on a random line betwn. Secs. 10 and 15.
	Va. 13° 20' E.
40.00	Set post for temporary 1/4 Secor
43.00	Enter bottom bearing N.W. & S.
49.00	Stream 15 links, runs N.W.
53.00	Leave bottom bearing N. & S.
80.20	Intersect N. and S. line at a point 20 links south of the corner to sections 10.11.14 & 15 from which corner found S. 89° 51' W. on true line betwn. Secs. 10 and 15.
	Va. 13° 20' E.
40.10	Set post deposite chared stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.20	Corner to Secs. 9.10.15. and 16.
	Surface rolling
	Soil 2nd rate upland

chains	
	North btwn. Secs. 9 and 10 Va. 13° 20' E.
5.00	Ravine bearing East.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 3, 4, 9 and 10. Surface rolling Soil 2nd rate upland

	East on a Random line betwn. Secs. 3 and 10 Va. 13° 20' E.
16.00	Enter bottom bearing N.W. & S.E.
20.00	Stream 15 links wide runs N.W.
29.00	Leave bottom bearing N.W. & S.E.
40.00	Set post for temporary 1/4 Sec. corner
80.00	Intersect N. and S. line at the corner to Sections 2, 3, 10 and 11, from which corner I run W. on a true line betwn. Secs. 3 and 10 Va. 13° 20' E.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	The corner to Secs. 3, 4, 9 and 10 Surface broken. Soil 2nd rate.

North on a random line between Secs. 3 and 4 Va. 13° 20' E.

7.00 Enter Burr oak timber bearing E. & W.

12.30 Leave " " " " " "

13.00 Enter bottom bearing N. W. & S. E.

20.00 Stream 15 links course N. W.

40.00 Set post for temporary 1/4 Sec. corner

40.10 Leave bottom bearing N. W. & S. E.

79.80 Intersect N. boundary of Township 4 links East of the corner to Secs. 3 and 4 from which corner I run S. 2' E. on a true line between Secs. 3 and 4. Va 13° 20' E

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

79.80 The corner to Secs. 3, 4, 9 & 10. Surface broken. Soil 2nd rate.

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chains North, between Secs. 32 & 33 Va 13° 20'

30.50 Bed of stream, dry, course N. W.

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

80.00 Set post, deposite charred stake, raise mound of earth, with pits as per instructions for corner to Secs. 28, 29, 32 and 33.

Surface broken. Soil 2nd rate.

chains	
	East on a Random line betwn. Secs. 28 and 33. Va. 13° 20' E.
30.00	Enter bottom bearing N.W. & S.
30.30	Bed of dry stream course N.W.
32.00	Leave bottom bearing S. & N.W.
40.00	Set post for temporary 1/4 Sec. corner.
80.00	Intersect N. and S. line at the corner to Secs. 27, 28, 33 and 34. from which corner I run, N. on a true line betwn. Secs. 28 and 33. Va. 13° 20' E
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	The corner to Secs. 28, 29, 32 and 33. Surface broken. Soil 2nd rate.

chains	
	North btwn. Secs. 28 & 29 Va. 13° 20' E
19.00	Enter narrow (comes from S.E.) bearing N.W. on line
23.00	Leave " " N.W.
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner.
60.00	Enter bottom bearing N. and S.E.
62.00	Bed of dry stream, water in holes, course N.W.
70.00	Leave bottom bearing N.W. and S.E.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Sections 20, 21, 28 and 29 Surface of upland broken soil 2nd rate — Bottom land soil 1st rate

Township 31 North Range 12 West.

Chains	
	East on a random line Btwn. Secs. 21 and 28 Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner.
41.04	Drain, course N. W.
80.04	Intersect N. and S. line at a point 20 links N. of the corner to Secs. 21. 22. 27 and 28. from which corner I run, N. 89° 51' W. on true line btwn. Secs. 21 & 28 Va 13° 20' E.
40.02	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.04	The corner to Secs. 20. 21. 28 and 29. Surface rolling. Soil 2nd rate.

Township 31 North Range 12 West.

chains	
	North betwn. Secs. 20 & 21 Va 13° 20'
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
67.00	Ravine and dry creek course N. W.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 16. 17. 20 & 21
	Surface broken. Soil 2nd rate.

Township 31 North Range 12 W.

chains	
	East on a Random line Btwn. Secs. 16 and 21 Va. 13° 20 E.
39.15	Ravine bearing North.
40.00	Set post for temporary 1/4 Sec. corner.
79.00	Enter ravine bearing S and N. W.
80.15	Intersect N and S line at a point 18 links North of the corner to Sections 15. 16. 21 and 22 from which corner I run N. 89° 52' W. on the line betwn. Secs 16 and 21 Va 13° 20' E
40.07	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.15	The corner to Secs. 16. 17. 20 & 21. Surface broken Soil 2nd rate

Township 31 N. R. 12 W.

chains	
	North betwn. Secs. 16 & 17 Va. 13° 20'
9.00	Bed of dry creek course West
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Section corner
55.00	Ravine bearing West and containing scattering Burr Oak trees.
78.00	Ravine bearing West contains Burr Oak trees.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to Sections 8. 9. 16 and 17
	Surface broken. Soil 2nd rate.

Chains	
	East on a Random line between Secs. 9 and 16
	Va 13° 20'
40.00	Set post for temporary 1/4 Sec. corner
50.00	Ravine bearing N. E.
79.98	Intersect N. and S. line at a point 21 links N. of the corner to Secs. 9. 10. 15 and 16 from which corner I rem.
	N. 89° 51' W. on true line between Secs. 9 and 16
	Va. 13° 20' E.
39.99	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.98	Corner to Secs. 8. 9. 16 + 17
	Surface rolling.
	Soil 2nd rate.

Chains	
	North between Secs 8 + 9
	Va 13° 20' E
1.50	Stream 3 links wide runs W.
38.00	Enter bottom bearing E. + W.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
50.00	Leave bottom bearing E. and W.
78.00	Enter bottom bearing N. E. and S. W.
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to sections 4. 5. 8 and 9
	Surface broken.
	Soil sandy 2nd rate.

Township 31 North Range 12 West

chains	
	East on a Random line Btwn. Secs. 4 and 9. Va. 13° 20' E.
2.00	Leave bottom bearing N.E. and S.W.
6.00	Ravine bearing N.W.
14.00	Ravine " " "
40.00	Set post for temporary 1/4 Sec. corner.
80.60	Intersect N. and S. line at a point 20 links South of the corner to Secs. 3, 4, 9 and 10 from which corner I run S. 89° 51' W. on true line between Secs. 4 and 9 Va. 13° 20' E
40.30	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.60	Corner to Secs. 4, 5, 8 and 9. Surface broken, Soil 2nd rate.

Township 31 North Range 12 West

chains	
	North on a Random line Btwn. Secs. 4 and 5 Va. 13° 20' E
35.70	Stream 25 links runs N.E. Skirted with timber about 100 rods
40.00	Set post for temporary 1/4 Sec. corner.
47.30	Leave bottom bearing N.E. and S.W.
52.00	Ravine bearing N.E.
80.30	Intersect N. boundary of Township at a point 14 links W. of corner to Secs. 4 and 5 from which corner I run S. 6' W. on true line Btwn. Secs. 4 and 5 Va. 13° 20' E.
40.30	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner.
80.30	Corner to Secs. 4, 5, 8 and 9. Surface broken. — Soil 2nd rate.

Township 31 North Range 12 West.

chains	
	North betwn. Secs. 31 & 32
	Va. 13° 20'
1.10	Stream 10 links skirted with timber course N.E.
11.60	" " " " skirted with timber S.W.
12.00	Leave bottom bearing E. & W.
22.00	Bed of dry stream course N.
23.50	Leave scattering Timber.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
53.40	Bed of dry stream, course W.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Sections 29. 30. 31 and 32.
	Surface rolling. Soil 2nd rate.

Township 31 North Range 12 West

chains	
	East on a Random line Btwn. Secs. 29 and 32
	Va. 13° 20' E
31.60	Enter bottom bearing N.W. & S.E.
33.60	Bed of dry stream course N.W.
40.00	Set post for temporary 1/4 Sec. corner. Leave bottom N.W.
69.60	Bed of dry stream course N.W.
79.60	Intersect N. and S. line at the corner to Secs. 28. 29. 32 and 33. from which corner I run, W. on a true line between Secs 29 and 32
	Va. 13° 20' E.
39.80	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.60	The corner to Secs. 29. 30. 31 and 32.
	Upland broken 2nd rate. Bottom level 1st rate.

chains	
	West on a Random line Btwn. Secs. 30 and 31 Va 13° 20' E
30.00	Enter bottom + timber bearing N. + S.
35.50	Stream 20 links wide skirted with timber course N.
40.00	Set post for temporary 1/4 Sec. corner.
45.00	Leave bottom and timber bearing N. and S.
80.90	Intersect West boundary of Township at the corner to Secs. 30 and 31 from which corner I run, East on a true line betwn. Secs. 30 and 31 Va. 13° 20' E.
40.90	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.90	Corner to Secs. 29 30 31 + 32 Surface rolling — Soil 3rd rate. Timber Burr oak and cottonwood. July 31. 1871.

chains	
	North Btwn. Secs. 29 and 30. Va. 13° 20'
19.00	Bed of Dry stream course N.W.
32.20	Drain. course N.W.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
52.00	Enter bottom + timber bearing N.W. + S.E.
54.35	Stream 4 links wide course N.W.
55.20	" " " " " N.E.
56.00	" " " " " N.W.
57.00	Leave bottom bearing N.W. + S.E.
74.00	Enter " " N.E. + S.W.
77.55	Stream 15 links, runs N.E.
80.00	Set post for corner to Secs. 19. 20. 29 and 30 from which, A cottonwood 14 in. dia. bears S. 10° East. 115 links dist. A cottonwood 30 in. dia. bears N. 75° E. 40 lks. dist. Surface broken — Soil 2nd rate. Timber Burr Oak, Ash + cottonwood. Undergrowth plum and willow.

Township 31 North, Range 12 West

chains	
	East on a Random line btwn. Secs. 20 and 29 Va. 13° 20' E.
3.00	Stream 15 links wide runs N.W.
16.00	Leave bottom bearing N. & S.
40.00	Set post for temporary 1/4 Sec. corner
52.00	Enter bottom bearing N.W. & S.E.
64.80	Bed of dry stream course N.W.
65.00	Leave bottom bearing N.W. & S.E.
80.00	Intersect N & S line at the corner to Secs. 20.21.28 and 29 from which corner I run, West on a true line btwn. Secs. 20 and 29 Va. 13° 20' E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	The corner to Secs. 19.20.29 & 30 Surface broken. Soil 2nd rate.

Township 31 North Range 12 West

chains	
	West on a Random line btwn. Secs. 19 and 30 Va. 13° 20'
5.40	Leave bottom bearing N.E. & S.W.
17.00	Enter timber " " " "
35.00	" bottom " " " "
37.50	Stream, 30 links, course N.E.
40.00	Set post for temporary 1/4 Sec. corner
40.55	Leave bottom bearing N.E. and S.W.
50.00	" timber " " " " "
80.60	Intersect West boundary of Township at a point 5 links N. of the corner to Sections 19 and 30, from which corner I run N. 89° 55' E. on a true line btwn Secs. 19 and 30 Va. 13° 20' E.
40.60	Set post deposit 1/4 Sec corner from which — A cottonwood 12 in dia. bears N. 75° E. 22 o dist — An Elm 12 in. dia. bears S. 58° W. 1.65 dist
80.60	Corner to Secs. 19 20 29 & 30 Surface rolling, Soil 3rd rate. Timber Run oak, cottonwood & Elm

Chains	
	North Btwn. Secs 19 and 20 Va. 13° 20'
2.80	Stream 25 links course N.W.
28.15	" " " " N. E.
29.75	" 35 " " N. W.
35.00	Enter bed of dry stream course N.
38.60	Leave " " " " " N.E.
40.00	Set post for 1/4 Sec corner from which. A cottonwood 18 in. dia. bears S. 2° W. 140 links dist. An Elm 12 in. dia. bears N. 40° E. 60 links dist.
49.30	Stream, 40 links, runs N. E.
52.00	Leave bottom bearing N.E. + S.W.
58.00	Leave timber bearing E. and W.
60.00	Drain bearing E.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 17. 18. 19 and 20. Surface broken. Soil mostly 1st rate.

Chains	
	East on a Random line btwn. Secs. 17 and 20 Va. 13° 20' E.
15.20	Enter bottom containing scattering Burr oak + cottonwood. Bearing N. + S.
30.00	Stream. 20 lks. runs N.
32.20	Leave bottom bearing N.W. + S.E.
40.00	Set post for temporary 1/4 Sec. corner
42.20	Ravine bearing N.W.
68.00	Ravine + Bed of dry stream - N.W.
80.20	Intersect N. and S. line at a point 5 links south of the corner to Secs. 16. 17. 20 and 21, from which corner Burr, S. 89° 58' W. on true line Btwn. Secs. 17 and 20 Va. 13° 20' E.
40.10	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.20	Corner to Secs. 17. 18. 19 and 20. Surface broken. Soil 2nd rate. Timber cottonwood + Burr oak.

chains	
	West on a random line Btwn. Secs. 18 and 19 Va. 13° 20'
40.00	Set post for temporary 1/4 Sec. corner.
70.00	Enter Burr Oak timber bearing N.E. and S.W.
80.64	Intersect West boundary of Township at the corner to Secs. 18 and 19 from which corner I run East on a true line between Secs. 18 and 19 Va 13° 20'
40.64	Set post, deposite charred stake, raise mound of earth, with pits as per instructions for 1/4 Sec. corner
80.64	The corner to Secs 17, 18, 19 and 20. Surface rolling. Soil 2nd rate.

chains	
	North Btwn. Secs. 17 and 18 Va. 13° 20' E.
25.00	Drain bearing N.E. Water in holes.
37.50	Drain bearing East.
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
50.00	Enter Burr Oak timber bearing E. and W.
66.80	Stream 10 lks. runs N.E.
70.00	Leave timber bearing N.E. and S.W.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 7, 8, 17 and 18. Surface broken. Soil 3rd rate. Timber Burr Oak.

Township 31 North Range 12 W.

Chains	
	East on a random line Btwn. Secs. 8 and 17.
27.15	Enter bottom and timber var 13° 20' East bearing N. & S.
27.60	Stream, 20 links, runs N.
34.40	Leave bottom + timber bearing N. & S.
40.00	Set post for temporary 1/4 Sec. corner.
71.60	Ravine, comes from East on line bearing N.W. containing Burr oak timber.
79.60	Intersect N. and S. line 8 links S. of the corner to Secs. 8. 9. 16 and 17 from which corner I run S. 89° 57' W. on true line Btwn. Secs. 8 and 17
	Va. 13° 20' E
39.80	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.60	Corner to Secs. 7. 8. 17 & 18. Surface, — — broken Soil, 2nd rate Timber Burr oaks.

Township 31 North Range 12 West.

Chains	
	West on a random line betwn. Secs. 7 and 18
	Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner.
80.58	Intersect West boundary of Township 35 links South of the corner to Secs. 7 and 18 from which corner I run, S. 89° 45' E. on true line betwn. Secs. 7 and 18
	Va. 13° 20' E
40.58	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.58	The corner to Secs. 7. 8. 17 and 18 Surface broken. Soil 3rd rate.

Township 31 North Range 12 West.

chains.	
	North betwn. Secs 7 + 8
	Va. 13° 20' E.
5.30	Drain bearing N.E.
18.70	Stream, 10 links, skirted with timber, course N.E.
40.00	Set post, deposite chaned stake, raise mound of earth, with pits as per instructions for 1/4 Sec corner.
54.65	Drain bearing N.E.
80.00	Set post, deposite chaned stake, raise mound of earth with pits as per instructions for corner to Secs. 5.6.7 and 8.
	Surface broken.
	Soil 3rd rate.
	Timber 1 Bur Oak

Township 31 North Range 12 West.

chains	
	East on a random line betwn. Secs. 5 and 8
	Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner.
59.00	Enter bottom and timber bearing N. and S.W.
69.90	Stream, 30 links, runs N.
73.00	Reserve timber begins N and S.
79.90	Entrance N. and S. line at the corner to Secs 4. 5. 8 and 9 from which corner I run N. on true line betwn. Secs. 5 and 8
	Va 13° 20' E.
39.95	Set post, deposite chaned stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.90	Corner to Secs. 5.6.7 + 8.
	Bottom land 1st rate
	Upland broken 2nd rate.

Township 31 North Range 12 West.

Chains	
	West on a random line Btwn. Secs. 6 and 7 Va. 13° 20' E.
27.00	Enter timber bearing N.E. & S.W.
28.70	Stream, 6 links, runs N.E.
40.00	Set post for temporary 1/4 Sec. corner.
56.00	Leave timber bearing N.E. & S.W.
80.32	Intersect West boundary of Township 20 links South of the corner to Secs 6 and 7, from which corner I run, S. 89° 51' E. on true line btwn. secs. 6 and 7. Va. 13° 20' E.
40.32	Mark Burr Oak 12 in. dia. for 1/4 Sec corner from which, - A burr oak 8 in. dia. bears S. 20° W. 15 links dist. A Burr Oak 7 in. dia. bears N. 63° W. 20 links dist.
80.32	Corner to Secs. 5, 6, 7 and 8. Surface broken Soil 3rd rate Timber Burr Oak.

Township 31 North Range 12 West.

Chains.	
	North on a Random line betwn. Secs. 5 and 6 Va. 13° 20' E
15.00	Enter timber bearing N.E. & S.W.
21.75	Stream 12 links, runs N.E.
30.05	Leave timber bearing N.E. & S.W.
40.00	Set post for temporary 1/4 Sec. corner
80.25	Intersect N. boundary of Township 16 links West of the corner to Sec. 5 and 6 from which corner I run S. 7' W. on true line betwn. Secs 5 and 6. Va. 13° 20'
40.25	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner
80.25	The corner to Secs. 5, 6, 7 and 8, Surface broken Soil 3rd rate. Timber Burr oak. Aug 1st 1871.

Township 31 North Range 12 West,

General Description

This Township is well supplied with water by numerous spring branches clear and cold.

The surface along the East and south boundaries is gently rolling and can can be easily cultivated along the West and North boundaries the surface is very much broken with but little land fit for cultivation.

In the North west part of the Township there is quite a large amount of Burr Oak timber mostly small and fit only for fuel

We do hereby certify that we assisted William H. Richards, deputy Surveyor, in surveying and sub-dividing this Township No 31 North of the Base Line of Range No 12 West of the 6th Principal Meridian, and that said Township has been, in all respects, well and faithfully surveyed, to the best of our knowledge and belief, and the boundary monuments established according to the instructions furnished by the Surveyor General.

Mound men and Axemen { H. S. Gardner
L. A. Gannehill

Chain-men { E. J. Walmyre
A. C. Richards

Subscribed and sworn to by the above named Jurors before me a Notary Public for Douglas County, State of Nebraska. This 22 day of September 1871.

Rollin L. Smith
Notary Public

I, William A. Richards, deputy Surveyor, do solemnly swear that in pursuance of a joint contract wherein William A. Richards and Joseph H. Gay are joint contractors with P. E. E. Cunningham U. S. Surveyor General for Iowa and Nebraska,

bearing date June 15th 1871. I have well, faithfully and truly, in my own proper person, and in strict conformity with the laws of the United States, the Surveying Manual, and the instructions furnished by the Surveyor General, surveyed all those parts of portions of Townships No 21 North of the Base Line of Range No 12 West of the 6th Principal Meridian, — as are represented in the foregoing field notes as having been surveyed under my direction; and I do further solemnly swear that all the corners of said surveys have been established, perpetuated in strict

accordance with the instruc-
-ions furnished by the
Surveyor General.

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

Rollin le Smith
Notary Public

Surveyor General's Office
Plattsmouth Jany 17th 1872

The foregoing field notes of
the Survey and subdivision
of Township No 31. North of
Base line of Range 12 West
6 P.M. Executed by Wm a
Richards under Joint Contract
No. 46. wherein Wm a Richards
and J. W. Gay are Joint
Contractors in the Month
of August 1871. having
been critically Examined
the necessary Corrections
and Explanations made
the said field notes and
Survey they describe are
hereby Approved

E. E. Cunningham
Surveyor General

T 32 N., R 12 W

6	60	5	44	4	33	3	22	2	11	1
59		58		43		32		21		10
7	57	8	42	9	31	10	20	11	9	12
56		55		41		30		19		8
18	54	17	40	16	29	15	18	14	7	13
53		52		39		28		17		6
19	51	20	38	21	27	22	16	23	5	24
50		49		37		26		15		4
30	48	29	36	28	25	27	14	26	3	25
47		46		35		24		13		2
31	45	32	34	33	23	34	12	35	1	36

Field Notes
of the
Survey and Sub-division
of Township No 32 North
of the Base Line of
Range No 12 West of
the 6th Principal
Meridian in the
State of Nebraska.

Executed by William A. Richards
Deputy Surveyor.

Survey commenced Aug. 4-1871
Survey completed. Aug. 13-1871

A list of the names of the persons employed to assist in surveying and sub-dividing this Township, showing the respective capacities in which they acted.

H. S. Gardner } Mound men &
L. A. Tannehill } Axemen
E. L. Wattemeyer } Chainmen
A. C. Richards }

To determine the proper adjustment of my compass for sub-dividing this Township I commence at the corner to Townships 31 and 32 Ranges 11 and 12 and run
North on a blank line along the Eastern boundary of Sec. 36.
Va. 13°10 E.

40.04 To a point 12 links East of the 1/4 Sec. corner.

80.09 To a point 24 links East of the corner to Secs 25 and 36.

To retrace this line or run parallel thereto my compass must be adjusted to a variation of 13° 20 E.

Township 32 North. Range 12 West

chains	
	North bet. Sec. 35 & 36 Va 13° 20' E.
27.00	Ravine bearing N. W.
40.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions, for 1/4 Sec corner.
63.00	Ravine bearing N. W.
80.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions, for the corner to Sec. 25, 26, 35, & 36.

Surface Broken unfit for cultivation

Soil 2nd rate

Township 32 North. Range 12 West

chains	
	East on a random line bet. Sec. 25 & 36 Va 13° 20' E.
33.00	Ravine bearing N. W.
40.00	Set post for temporary 1/4 Sec corner.
44.00	Ravine bearing N. W.
80.00	Intersect E. boundary of Township at a point 10 links S. of the corner to Sec. 25 & 36. from which corner I pass S. 89° 56' W. on true line bet. Sec. 25 & 36. — Va 13° 20' E.
40.00	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner
80.00	I hit corner to Secs. 25 26 35 & 36

Surface Broken unfit for cultivation.

Soil 2nd rate.

Township 32 North. Range 12 West

chains	
	North bet. Sec's 25 & 26
	Va 13° 20' E.
15.00	Ravine bearing N. W.
27.00	Ravine bearing N. W.
36.00	Ravine bearing N. W.
40.00	Set post, deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner.
50.00	Enter bottom bearing N.E. & S.W.
51.00	Enter timber, Bur Oak and Iron wood. N.E. and S.W.
53.00	Leave timber. N.E. and S.W.
59.20	Stream 30 links wide runs North East.
70.00	Leave bottom bearing N.E. & S.W.
80.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for corner to Sec's 23, 24, 25 & 26. Surface upland broken bottom level Soil 2nd rate.

Township 32 North. Range 12 West

chains	
Variation 13° 20'	East on Random line bet. Sec's 24 & 25
20.00	Enter bottom and Bur oak timber bearing N.E. & S.W.
30.00	Stream 30 links wide runs N.E.
40.00	Set post for temporary 1/4 sec corner.
41.00	Leave bottom & timber bearing N.E. & S.W.
80.10	Intersect E. boundary of Township at a point 20 links south of the corner to Sec's 24 & 25, from which corner I run S. 89° 51' W. — on true line bet. Sec's 24 & 25. Va 13° 20' E.
40.05	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner. (See margin)
80.10	The corner to Sec's 23, 24, 25 & 26. Surface upland rolling, bottom level Soil 2nd rate

From 1/4 sec corner A bur oak 10 in dia leave S. 80° E 40 lks dist. A Bur oak 12 in dia leave S 70° E. 1 chain dist.

Township 32 North, Range 12 West

chains	
	North bet Sec's 23 & 24 Va 13° 20' E.
4.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec corner
8.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for the corner to Sec's 13, 14, 23 & 24.
	Surface level,
	Soil sandy, 2nd rate

Township 32 North, Range 12 West

chains	
	East on Random line bet Sec's 13 & 24 Va 13° 20' E.
4.00	Set post for temporary 1/4 Sec corner
79.70	Intersect E. boundary of Township at the corner to Sec's 13 & 24, from which corner I run.
	W. on true line bet Sec's 13 & 24. Va 13° 20' E.
39.85	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec corner.
79.70	The corner to Sec's 13, 14, 23 & 24.
	Surface rolling, Soil sandy 3rd rate.

Township 32 North, Range 12 West

chains	
	North bet Sec's 13 & 14 Va 13° 20' E.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec corner;
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions, for the corner to Sec's 11, 12, 13, & 14.
	Surface rolling, Soil sandy, 2nd rate.

Township 32 North, Range 12 West

chains	
	East on a random line bet Sec's 12 & 13 Va 13° 20' E.
40.00	Set post for temporary 1/4 Sec corner.
79.85	Intersect E. boundary of Township at the corner to Sec's 12 & 13, from which corner I run W, on true line bet Sec's 12 & 13. Va 13° 20' E.
39.92½	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec corner.
79.85.	The corner to Sec's 11, 12, 13 & 14
	Surface rolling, Soil sandy 2nd rate.

Township 32 North, Range 12 West

chains	
	North bet. Sec's 11 & 12 Va 13° 20' E.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec corner
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for the corner to Sec's 1, 2, 11, & 12,
	Surface rolling
	Soil sandy 3rd rate.

Township 32 North, Range 12 West

chains	
	East on a Random line bet. Sec's 1 & 12 Va 13° 20' E.
40.00	Set post for temporary 1/4 Sec corner.
79.90	Intersect E. boundary of Township at a point 10 links South of the corner to Sec's 1 & 12. from which corner I run. S. 89° 56' W, on true line bet. Sec's 1 & 12. — Va 13° 20' E.
39.95	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec Corner.
79.90	The corner to Sec's 1, 2, 11, & 12.
	Surface rolling.
	Soil, sandy 3rd rate

Township 32 North. Range 12 West

chains	
	North on the line between Secs 1 and 2 Va. 13°26'
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
85.79	Intersect 8th Standard Parallel 5 chains 22 links west of the 1/4 Sec. corner on south side of Sec. 36, T.33 N. R.12 W. Set post deposite charred stake, raise mound of earth with pits as per instructions for closing corner to Secs. 1 and 2 Township 32 North Range 12 West. Surface Rolling. Soil 2nd rate. Aug. 9th 1871.

Township 32 North. Range 12 West

chains	
	North bet. Sec's 34, & 35 Va 13°20' E.
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec corner.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for the corner to Sec's 26, 27, 34, & 35.
	Surface rolling. Soil 2nd rate upland

Township 32 North. Range 12 West

chains

East on a Random line bet Sec's 26 & 35 Va 13°20' E.

40.00 Set post for temporary 1/4 Sec corner.

45.00 Stream 10 links wide course N.

50.00 Intersect N. & S. line at a point 15 links N. of the corner to Sec's 23, 26, 35, 36, from which corner I run N. 89°54' W. on true line bet Sec's 26 & 35 Va 13°20' E.

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

80.00 The corner to Sec's 26, 27, 34 & 35.

Surface rolling,
Soil 2nd rate.

Township 32 North. Range 12 West

chains

North bet Sec's 26 & 27 Va 13°20' E.

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

59.00 Bottom bearing E. & W.

64.00 Stream 3 links wide, course N. E.

80.00 Set post, deposite charred stake, raise mound of earth with pits as per instructions, for the corner to Sec's 22, 23, 26, & 27.

Surface, upland rolling
Soil 2nd rate

Bottom Level
Soil 1st rate.

Township 32 North. Range 12 West

chains	
	East on a Random line bet. Sec's 23, & 26 Va 13°20' E.
40.00	Set post for temporary 1/4 sec corner.
59.60	Leave bottom bearing S.E. and N.W.
79.80	Intersect N. & S. line at a point 30 links south of the corner to Sec's 24. 23 & 26, 25 from which corner I run S. 89°47' W. — on true line bet. Sec's 23 & 26. Va 13°20' E.
39.90	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 sec corner.
79.80	The corner to Sec's 22, 23, 26, & 27.

Surface upland rolling.
Soil 2nd rate
Bottom Level
Soil 1st rate

Township 32 North. Range 12 West

chains	
	North bet. Sec's 22 & 23 Va 13°20' E.
6.00	Leave Bottom. E. and S.W.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions, for the corner to Sec's 14, 15, 22, & 23.

Surface rolling

Soil upland 2nd rate

Township 32 North Range 12 West

chains	
	East on a Random line bet Sec's 14 & 23 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner.
79.88	Intersect N. & S. line at a point 42 links South of the corner to Sec's 14, & 23 ~~&3~~ 24 from which corner I rem.
	S. 89° 42' W. — on true line bet Sec's 14, & 23 Va 13° 20' E.
39.94	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner.
79.88	The corner to Sec's 14, 15, 22 & 23.
	Surface rolling,
	Soil 2nd rate

Township 32 North Range 12 West

chains	
	North bet Sec's 14 & 15 Va 13° 20' E.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner,
81.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for the corner to Sec's 10, 11, 14, & 15.
	Surface rolling,
	Soil 2nd rate,

Township 32 North. Range 12 West

chains	
	East on a Random line bet' Sec's 11, & 14 Va 13° 20' E.
40.00	Set post for temporary 1/4 Sec corner.
79.70	Intersect N. & S. line at a point 20 links S. of the corner to Sec's 12, 13, 11 & 14, from which corner I run S 89° 57' W on true line bet' Sec's 11 & 14. Va 13° 20' E.
39.85	Set post, deposit charred stake raise mound of Earth with pits as per instructions, for 1/4 Sec corner.
79.70	The corner to Sec's 10, 11, 14, & 15.

Surface rolling,

Soil 2nd rate,

Township 32 North Range 12 West

chains	
	North bet' Sec's 10, & 11 Va 13° 20' E.
40.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 Sec corner
80.00	Set post, deposit charred stake raise mound of earth with pits as per instructions, for the corner to Sec's 2, 3, 10, & 11,

Surface rolling.

Soil 2nd rate.

Township 32 North. Range 12 West

chains

East on a Random line
bet Sec's 2 & 11
Va 13° 20' E,

40.00 Set post for temporary
1/4 sec corner.

79.88 Intersect St. & S. line at
a point 18 links S. of
the corner to Sec's 2 & 11. X & 12
from which corner I run
S. 89° 52' W — on true
line bet. Sec's 2, & 11.
Va 13° 20' E.

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

79.88 The corner to Sec's 2, 3, 10, & 11.

Surface rolling
Soil 2nd rate,

Township 32 North, Range 12 West

chains

North on a true line
Between Secs. 2 and 3.
Va 13° 20' E.

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

86.30 Intersect 8th Standard
Parallel 5 chains west
of 1/4 Sec. corner on S.
side of sec 35. T.33. R.12 W.
Set post deposite charred
stake raise mound of
earth with pits as per
instructions for closing
corner to Secs 2 and 3
Township 32 North
Range 12 West

Surface rolling.
Soil 3rd rate.
Aug. 10. 1871.

Township 32 North. Range 12 West

chains	
	North bet Sec's 33 & 34 Va 13° 20' E.
14.00	Enter bottom bearing N. E. and S. W.
30.45	Stream 35 links wide skirted with trees, course, N. E.
34.00	Leave bottom, for high ridge bearing N. E. & S. W.
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner, from which a bur oak 8 in. dia, bears N. 50° W. 3.00 dist no other tree near
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for the corner to Sec's 27, 28, 33, & 34. Surface — upland, high & broken 3rd rate, Bottom level, 2nd rate covered with willow and plumb bushes, Timber Bur Oak.

Township 32 North. Range 12 West

chains	
Va. 13° 20'	East, on a Random line bet Sec's 27, & 34
14.00	Enter bottom bearing N. and S.
27.00	Stream 30 links wide skirted with oak trees.
34.00	Leave bottom bearing N. and S.
40.00	Set post, ~~for temporary 1/4 Sec corner.~~
80.08	~~Intersect~~ N. & S. line at a point 21 links S. of the corner to Sec's 27 & 34, 20 & 35 from which corner I run, S. 89° 51' W. on true line bet Sec's 27 & 34 Va 13° 20' E.
40.04	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner.
80.08	Fly corner to Sec's 27, 28, 33, & 34 Surface — upland high & broken 3rd rate, — Bottom level 2nd rate, Timber bur oak.

Township 32 North Range 12 West

chains	
	North bet Sec's 27 & 28
	Va 13° 20 E.
15.00	Wide Ravine skirted with Bur oak timber bearing N. E.
40.00	Set post, deposite charred stake raise mound of earth pits as per instructions for 1/4 sec corner.
56.00	Deep Ravine skirted with Bur Oak timber bearing. N. E.
68.50.	Deep Ravine, skirted with Bur Oak timber, bearing N. E.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for the Section corner, to Sec's 21, 22, 27, & 28, from which a Bur oak 9 in. dia. bears S 2° W, 3.20 dist — A Bur oak 10 in. dia. N 22½° E. 2.90 dist.
	Surface broken,
	Soil 3rd rate
	Timber Bur Oak.

Township 32 North, Range 12 West

chains	
	East on a Random line bet Sec's 22, & 27.
	Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner.
72.63	Enter bottom bearing E and S.W.
79.63	Intersect N. & S. line at a point 16 links south of the corner to Sec's 22 & 27.
23 & 26	from which corner I run S. 89° 53' W — on true line bet Sec's 22 & 27.
	Va 13° 20' E.
39.81½	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
79.63	The corner to Sec's 21, 22, 27, & 28.
	Surface gently rolling
	Soil. Sandy, worthless, 3rd rate

Township 32 North. Range 12 West

chains	
	North bet Sec's 21, & 22. Va 13° 20' E.
40.00	Set post deposite charred stake, raise mound of earth, with pits as per instructions for 1/4 sec corner,
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for the corner to Sec's 15, 16, 21, & 22.
	Surface, rolling.
	Soil, sandy poor 3rd rate.

Township 32 North. Range 12 West

chains	
	East, on a Random line bet Sec's 15 & 22. Va 13° 20' E.
40.00	Set post, defor temporary 1/4 sec corner,
79.74	Intersect N, & S line at ~~a~~ ~~[illegible]~~ the corner to Sec's 14, 15 & 22 & 23 from which corner I run.
	W, — on true line bet Sec's 15 & 22. Va 13° 20' E.
39.87	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
79.74	The corner to Sec's 15, 16, 21, & 22
	Surface rolling,
	Soil, sandy poor 3rd rate

Township 32 North. Range 12 West

chains	
	North bet Sec'S 15 + 16. Va 15° 20' E.
40.00	Set post, deposite chained stake raise mound of earth with pits as per instructions, for 1/4 sec corner.
80.00	Set post deposite chained stake, raise mound of earth with pits as per instructions for the corner to Sec'S 9, 10, 15 + 16
	Surface. rolling.
	Soil. sandy poor 3rd rate

Township 32 North. Range 12 West

chains	
	East on a random line bet Secs 10 + 15. Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner.
79.80	Intersect N. & S. line at a point 20 links S. of the corner to Secs. 10.11.14 + 15. from which corner I run S. 89° 51' W. — on true line bet Sec'S 10, + 15. Va 13° 20' E.
39.90	Set post, deposite chained stake, raise mound of earth with pits as per instructions for 1/4 sec corner.
79.80	The corner to Sec'S 9, 10, 15, + 16.
	Surface. rolling.
	Soil. sandy 3rd rate.

Township 32 North Range 12 West

chains	
	North bet Sec's 9 & 10 Va 13° 20' E.
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for the corner to Sec's 3, 4, 9, & 10.
	Surface rolling. Soil poor 3rd rate.

Township 32 North. Range 12 West

chains	
	East on a Random line bet Sec's 3 & 10, Va 13° 20' E.
40.00	Set post for temporary 1/4 Sec corner.
79.86	Intersect N. & S. line at a point 12 links S. of the corner to Sec's 2, 3, 10 & 11 from which corner I run S. 89° 55' W. on true line bet Sec's 3 & 10 Variation 13° 20' E
39.93	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner
79.86	The corner to Sec's 3, 4, 9, & 10.
	Surface, rolling. Soil, sandy 3rd rate

Township 32 North. Range 12 West

chains	
	North on true line between Secs. 3 and 4 Va 13° 2 ó
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
81.65	Intersect 8th Standard Parallel 4 chains and 95 links west of 1/4 Sec corner on S. Side of section 3 4. T.32 N.R 12 W. Set post deposite charred stake, raise mound of earth with pits as per instructions for closing corner to Secs. 3 and 4 T.32 N.R 12 W. Surface rolling Soil Sandy 2nd rate.
	Aug. 11. 1877

Township 32 North Range 12 West

chains	
	North bet Sec's 32 & 33 Va 13° 2 ó E.
3.50	Paring bearing E. blazed with trees, (Bur Oak).
40.00	Set post. deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner
76.50	Paring bearing S.E.
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for ~~1/4 sec~~ corner to Secs. 28. 29. 32 & 33
	Surface. rolling Soil 3rd rate

Township 32 North Range 12 West

chains

East on a random line
bet sec's 28 & 33.
Va 13°20' E

12.00 Varine bearing S.E.
40.00 Set post for temporary
1/4 sec corner

67.00 varine bearing S.E.
79.84 Intersect N. & S. line at a
point 15 links N. of the
corner to sec's 28, & 33, 27 & 34
from which
Corner I run
N. 89° 54' W. on true line
bet sec's 28, & 33.
Va 13°20' E.

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

79.84. The corner to sec's 28, 29 32 & 33
Surface rolling
Soil 2nd rate.

Township 32 North Range 12 West

chains

North bet sec's 28 & 29
Va 13° 20' E.

8.50 Varine bearing S.E.

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

80.00 Set post, deposit charred
stake raise mound of
earth with pits as
per instructions for
the corner to sec's 20, 21,
28, & 29.

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

Township 32 North Range 12 West

chains

East on a Random line
bet Sec's 21 & 28
Va 13° 20' E.

39.70 Ravine bearing S.E.

40.00 Set post for temporary
1/4 sec corner.

79.80 Intersect N. & S. line at
a point 25 links N.
of the corner to sec's 21 & 28

22.27 from which corner I run
N. 89° 49' W. — on true line
bet Sec's 21 & 28 S.
Va 13° 20' E.

39.90 Set post, deposit charred stake
raise mound of earth with
pits as per instructions
for 1/4 sec corner. from which
~~A Bur Oak 14 in dia. bears~~
~~S. 46° E. 2.00 dist~~
~~A Bur Oak 13 in. dia, bears~~
A. 44° E. 1.80.

79.80 The corner to sec's 20, 21, 28, & 29
Surface rolling
Soil 2nd to 3rd rate.
Timber Bur Oak.

Township 32 North Range 12 West

chains

North bet Sec's 20 & 21
Va 13° 20' E.

10.00 Ravine bearing S.E.

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

80.00 Set post deposite charred
stake, raise mound of
earth with pits as per
instructions for corner
to sections 16, 17, 20 and 21
Surface rolling
Soil sandy 3rd rate.

Township 32 North. Range 12 West

chains	
	East on a Random line between Secs. 16 and 21
	Va 13° 20' E
40.00	Set post for temporary 1/4 Sec.
79.76	Intersect N. and S. line 20 links North of corner to Secs. 16 and 21 15+22 from which corner I run
	N 89° 51' W. on true line between Secs. 16 and 21
	Va. 13° 20'
39.88	Set post deposite charred stake, raise mound of earth. with pits as per instructions for 1/4 Sec corner.
79.76	Corner to secs. 16. 17. 20 and 21
	Surface gently rolling. Soil Sandy 3rd rate.

Township 32 North. Range 12 West

chains	
	North Between Secs. 16 and 17
	Va 13° 20' E
40.00	Set post. deposite charred stake. raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Secs. 8. 9. 16 and 17.
	Surface gently rolling, Soil Sandy 3rd rate.

Township 32 North. Range 12 West

chains	
	East on a Random line between Secs. 9 and 16 Va 13° 20' E.
40.00	Set post ~~at~~ for temporary 1/4 Sec. corner.
79.68	Intersect N. and S. 20 links North of the corner to Secs. 10.9 and 16 & 15 from which corner S. run. N. 89.51' W. on true line between Secs. 9 and 16 Va 13° 20'
39.84	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.68	Corner to Secs 8. 9. 16 and 17 Surface gently rolling. Soil sandy 3rd rate.

Township 32 North. Range 12 West

chains	
	North between Secs 8 and 9 Va 13° 20'
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post. deposite charred stake. raise mound of earth with pits as per instructions for corner to Secs. 4 5 8 and 9 surface gently rolling. soil sandy 3rd rate.

Township 32 North. Range 12 West

chains	
	East on a Random line Betwn. Secs. 4 and 9 Va. 13° 20'
40.00	Set post for temporary 1/4 Sec. corner.
79.78	Intersect N. and S. line 5 links North of corner to Sections 4 and 9 3 & 10 from which corner bears N. 89° 58' W. on true line betwn. Secs 4 and 9 Va. 13° 20'
39.89	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
79.78	Corner to Secs. 4. 5. 8 and 9.
	Surface gently rolling soil sandy 3rd rate.

Township 32 North. Range 12 West

chains	
	North. on true line, betwn. Secs 4 and 5. Va. 13° 20'
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec Corner.
86.50	Intersect 8th Standard Parallel 4 chains and 75 links West of 1/4 Sec corner on South side of Sec. 33. T. 33 N. R. 12 W. Set post deposite charred stake raise mound of earth with pits as per instructions for closing Corner to Secs. 4 and 5 Township 32 North Range 12 West.
	Surface gently rolling Soil Sandy 3rd rate.

Township 32 North. Range 12 West

chains	
	North betwn. Secs. 31 and 32
	Va. 13° 20' E
22.00	Ranin bearing N.E.
40.00	Set post deposite charred stake. raise mound of earth with pits as per instructions for ¼ Sec corner.
63.00	Ranin bearing E
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Secs. 29. 30. 31 and 32. Surface rolling. Soil 2nd rate

Township 32 North. Range 12 West

chains	
	East on a Random line Bttwn. Secs. 29 and 32 Variation 13° 20' East
40.00	Set post for temporary ¼ Sec corner
79.60	Intersect W. and S. line 14 links South of corner to Secs. 29 and 32. 28 & 33 from which corner Sun S 89° 54' W. on true line bttwn. Secs. 29 and 32
	Va. 13° 20' E.
39.80	Set post deposite charred stake raise mound of earth with pits as per instructions for ¼ Sec. corner.
79.60	Corner to Secs. 29 30 31 & 32 Surface rolling. Soil 2nd rate.

Township 32 North Range 12 West

chains	
	West on Random line Bitwn Secs. 30 and 31 Va 13° 20'
40.00	Set post for temporary 1/4 Sec. corner.
80.20	Intersect West boundary of Township 20 links South of the corner to Secs. 30 and 31, from which corner I run S. 89° 51' E. on true line bitwn. Secs. 31 and 30 Va 13° 20'
40.30	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner.
80.30	Corner to Secs 29. 30. 31 and 32. Surface rolling Soil 2nd rate. Aug. 12. 1871

Township 32 North Range 12 West

chains	
	North bitwn. Secs. 29 and 30 Va. 13° 20'
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	Set post deposite charred stake. raise mound of earth with pits as per instructions for corner to sections 19, 20, 29 & 30. ~~19 and 20.~~ Surface rolling. Soil 2nd rate upland

Township 32 North, Range 12 West

chains	
	East on a Random line Betwn. Secs 20 and 29 Va 13° 20'
40.00	Set post for temporary 1/4 Sec. corner
79.60	Intersect N. and S. line 15 links South of corner to Secs. 20.21.28 & 29 from which corner I run S. 89° 54' W. on true line betwn. Secs. 20 and 29 Va. 13° 20
39.80	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.60	Corner to Secs 19. 20. 29 and 30 Surface rolling. Soil 2nd rate.

Township 32 North, Range 12 West

	West on a Random line Betwn. Secs. 19 and 30 Va 13° 20'
40.00	Set post for temporary 1/4 Sec. corner.
80.28	Intersect West boundary of Township 25 links South of the corner to Secs. 19 and 30. from which corner I run. S. 89° 49' E. on true line betwn. Secs. 19 and 30 Va 13° 20'
40.28	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.28	Corner to Secs. 19. 20. 29 and 30. Surface rolling. Soil sandy 2nd rate.

Township 32 North. Range 12 West

chains	
	North between Secs. 19 and 20 Va. 13° 20'
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post deposite charred stake. raise mound of earth with pits as per instructions for corner to sections 17. 18. 19 and 20
	Surface rolling. Soil 2nd rate upland.

Township 32 North. Range 12 West

chains	
	East on a Random line between Secs. 17 and 20 Va. 13° 20'
40.00	Set post for temporary 1/4 Sec corner.
79.84	Intersect N. and S. line 20 links S. of the corner to sections 17. 16. 21 + 20 from which corner I run. S. 89° 51' W. on true line between Secs. 17 and 20 Va. 13° 20'
39.92	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.84	The corner to Secs. 17. 18. 19 and 20.
	Surface rolling. Soil 2nd rate.

Township 32 North. Range 12 West

chains	
	West on a Random line between Secs. 18 and 19 Va 13°20'
40.00	Set post for temporary 1/4 Sec. corner.
80.56	Intersect ~~West~~ boundary of Township 20 links South of the corner to Secs. 18 and 19 from which corner I run S 89 51' E on true line between Secs. 18 and 19 Va. 13°20'
40.56	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.56	Corner to Secs. 17. 18. 19. and 20

Surface rolling.
Soil 2nd rate.

Township 32 North. Range 12 West

chains	
	North Btwn. Secs. 17 and 18 Va. 13°20'
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to Sections 7. 8. 17 and 18.

Surface rolling.
Soil 2nd rate.

Township 32 North. Range 12 West

chains	
	East on a Random line betwn. Secs. 8 and 17 Va. 13° 20'
40.00	Set post for temporary 1/4 Sec. corner.
79.60	Intersect N and S line 14 links South of the corner to Secs. 8 and 17. 9+16 from which corner Brgs. S. 89°54' W. on true line betwn. Secs. 8 and 17 Va. 13° 20'
39.80	Set post deposite charred stake. raise mound of earth with pits as per instructions for 1/4 Sec corner.
79.60	Corner to Secs. 7. 8. 17 + 18. Surface rolling Soil 2nd rate.

Township 32 North. Range 12 West

chains	
Va. 13° 20'	West on a Random line between Secs. 7 and 18
29.04	Enter. bottom N. and S. W. corner.
40.00	Set post. for temporary 1/4 Sec.
52.04	Stream 10 links wide N. E.
58.00	Leave bottom bearing N. and S. W.
80.04	Intersect West boundary of Township 20 links South of the corner to Secs. 7 and 18 from which corner Brgs. S. 89°51' E on true line betwn. Secs. 7 and 18. Va. 13° 20'
40.04	Set post. deposite charred stake. raise mound of earth with pits as per instructions for 1/4 Sec corner.
80.04	Corner to Secs. 7. 8. 17 + 18. Bottom land. 1st rate soil. Upland broken 2nd rate.

Township 32 North. Range 12 West

chains	
	North between Secs. 7 and 8 Va. 13° 20'
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for corner to Secs. 5.6.7 and 8. Surface rolling. Soil 2nd rate.

Township 32 North. Range 12 West

chains	
	East on a Random line between Secs. 5 and 8 Va 13° 20'
40.00	Set post for temporary 1/4 Sec. corner.
79.62	Intersect N. and S. line 18 links South of the corner to Secs. 5.4.9 & 8. from which corner I run. S. 89° 52' West on true line between Secs. 5 and 8 Va. 13° 20'
39.81	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec corner.
79.62	Corner to Sections 5.6.7 and 8. Surface rolling. Soil Sandy 3rd rate.

Township 32 North. Range 12 West

chains	
Va. 13°20'	West on a Random line Betwen. Secs 6. and 7.
12.20	Enter bottom. bearing N.E. & S.W.
21.00	Stream 10 links. Runs N.E.
32.00	Leave bottom bearing N.E. & S.W.
40.00	Set post for temporary 1/4 Sec. corner.
80.20	Intersect West boundary of Township at the corner to Secs. 6 and 7 from which corner I run. East on a true line between Secs. 6 and 7 Va. 13°20' E.
40.20	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.20	Corner to Secs. 5. 6. 7 and 8 Bottom level soil 1st rate. Upland rolling soil 2nd rate.

Township 32 North. Range 12 West

chains	
	North on true line between Secs. 5 and 6 Va. 13°20'
32.00	Enter bottom bearing N.E. & S.W.
40.00	Set post deposite charred stake. raise mound of earth with pits as per instructions for 1/4 Sec. corner.
52.00	Stream 10 links runs N.E.
79.00	Leave bottom bearing E. and S.W.
87.00	Intersect 8th Standard Parallel 4 chains and 60 links west of the 1/4 Sec. corner on south side of sec. 32. T. 33 N. R. 12 W. Set post deposite charred stake, raise mound of earth with pits as per instructions for closing corner. to Secs. 5 and 6 T 32 N. R 12 W. Bottom level soil 1st rate Upland rolling soil Sandy 3rd rate.

Aug 13. 1871

Township 32 North. Range 12 West

General Description.

The southern portion of this Township is broken by numerous ravines putting in to the bottom of a beautiful stream of water which flows through the south eastern part.
There is quite a large amount of Berrook and bottoward timber in these ravines + along said stream.
The northern part of the Township is rolling sandy and generally 3rd rate soil.

We hereby certify that we assisted William A. Richards, deputy Surveyor, in Surveying and sub-dividing Township No 32 North of the Base Line of Range No 12 West of the 6th Principal Meridian, - and that said Township has been in all respects, to the best of our knowledge and belief, well and faithfully Surveyed and the boundary monuments planted according to the instructions of the Surveyor General.

Mounduren + Axemen { H. S. Gardner
L. A. Tannehill

Chain-men, { E. J. Wallemye
A. C. Richards

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

Rollin C. Smith
Notary Public

I, William A. Richards, deputy Surveyor, do solemnly swear that in pursuance of a joint contract wherein William A. Richards and Joseph N. Gay were joint contractors with E. E. Cunningham U.S. Surveyor General, for Iowa and Nebraska, bearing date June 15th 1871. I have well, faithfully and truly in my own proper person, and in strict conformity with the instructions of the Surveyor General, the Surveying Manual, and the laws of the United States, surveyed all those parts or portions of Township No 32 North Range No 12 West as are represented in the foregoing field notes as having been surveyed under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict conformity with the Surveying Manual. That the foregoing are the true and original field-notes of such survey.

W. A. Richards
Deputy Surveyor

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

Rollin C Smith
Notary Public

Surveyor Generals Office
Hallsmouth Jany 12th 1872

The foregoing field Notes of the Survey and Subdivision of Township No 32 North Range 12 West Executed by Wm A Richards under Joint Contract &c Dated June 15th 1871 wherein Wm A Richards and Joseph W Gay are Joint contractors in the month of August 1871. having been critically Examined the Necessary corrections and Explanations made the said field Notes and Surveys they describe are thereby approved

E. E. Cunningham
Surveyor General

Field Notes
of the
Survey and Sub-division of
Fractional Township
No. 33 North of the Base
Line, of Range No. 12
West of the 6th Principal
Meridian, in the State
of Nebraska.

Executed by William A. Richards
Deputy Surveyor.

Survey commenced August 10th 1871
Survey completed. August 14th 1871

A list of the names of the persons employed to assist in surveying and sub-dividing this Township, showing the respective capacities in which they acted.

H. S. Gardner } Mounsdmen &
J. A. Tannehill } Axemen
E. W. Wattemeyre } Chainmen.
A. C. Richards }

To determine the proper adjustment of my compass for subdividing this Township I commence at the corner to Township 32 and 33 Ranges 11 and 12 and run North on a blank line along the east boundary of section 36.

Va. 13° 15' East

40.02 To a point 6 links East of the 1/4 Sec. corner.

80.03 To a point 13 links East of the corner to sections 25 and 36

To retrace this line or run parallel thereto my compass must be adjusted to a variation of 13° 20' E.

Township 33 North Range 12 West

chains	
	North Betwn. Secs. 35 & 36
	Va. 13° 20' E.
40.00	Set post deposite charred stake, raise, mound of earth with pits as per instructions for 1/4 Sec. corner.
78.00	Enter timber Bur oak. Elm. Bass wood and Ironwood trees from 6 to 20 in. dia. bearing E. & W.
80.00	Set post for corner to Secs 25. 26. 35 and 36 from which An Elm 10 in. dia. bears West 5 links dist. A Bur oak 12 in. dia. bears East 6 links dist. Surface rolling Soil 1st rate. Timber 1 Bur Oak, Elm Ironwood and 1 Basswood

Township 33 North Range 12 West

chains	
Va 13° 20' E	East on a Random line Betwn. Secs. 25 and 36
16.00	Leave timber bearing N.E. & W.
40.00	Set post for temporary 1/4 Sec. corner
50.00	Raise mound & pits with timber.
80.00	Intersect East boundary of Township at the corner to Secs. 25 and 36 from which corner Drive, West on a true line betwn. Secs. 25 and 36 Va. 13° 20' E.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	The corner to Secs. 25. 26. 35 and 36. Surface broken. Soil 1st rate.

Township 33 North, Range 12 West

chains	
	North Btwn. Secs. 25 & 26
	Va. 13° 20'.
1.00	Enter bottom bearing E. & W.
2.00	Leave timber bearing E. & W.
5.00	Niobrara River running E.
	Set post, deposite charred stake, raise mound of earth with pits as per instructions for meander corner to fractional sections 25 and 26
	Surface level.
	Soil 1st rate.

Township 33 North, Range 12 West

chains	
	North Btwn. Secs. 34 and 35.
	Va. 13° 20' E.
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec Corner.
77.00	Ravine bearing N.E.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to sections 26. 27. 34 and 35.
	Surface rolling.
	Soil 2nd rate.

Township 33 North. Range 12 West

chains	East on a Random line Betwn. Secs. 26 and 35 Va. 13° 20' E
5.00 40.00	Ravine bearing N. Set post for temporary 1/4 Sec. corner
50.00 79.87	Stream 10 links wide, runs N. Intersect N. and S. line 9 links south of the corner to Secs. 25. 26 ~~and~~ 35 & 36 from which corner I run. S. 89° 56' W. on true line Betwn. Secs. 26 and 35 Va 13.20 E
39.93 1/2	Set post. deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
79.87	Corner to Secs. 26. 27. 34 and 35 Surface broken - Soil 1st rate

Township 33 North. Range 12 West

	North Btwn. Secs. 26 and 27 Va. 13° 20' E
10.00	Enter bottom bearing E. and W. scattering Cottonwood trees.
14.50	Niobrara River course E. Set post. deposite charred stake raise mound of earth with pits as per instructions for meander corner and corner to Fractional Sections 26 and 27. Bottom land 1st rate. Upland broken 3rd rate. Timber scattering Cottonwood.
	Aug. 10. 1871.

Township 33 North. Range 12 West

chains	
	North Betwn. Secs. 33 & 34
	Va. 13° 20' East
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 27. 28. 33 & 34. Surface gently rolling. Soil sandy 3rd rate.

Township 33 North. Range 12 West

chains	
	East on a Random line Betwn. Secs. 27 and 34
	Va. 13° 20' E.
12.00	Reprint bearings N.E.
40.00	Set post for temporary 1/4 Sec corner.
80.12	Intersect N. and S. line at corner to Secs. 27. 28. 33 and 34 from which corner I run.
	West on true line Betwn. Secs. 27 and 34
	Va. 13° 20' East
40.06	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.12	I lie corner to Secs. 27 28 33 and 34 Surface gently rolling. Soil 2nd rate.

Township 33 North Range 12 West

chains	
	North between Secs. 27 & 28
	Va. 13° 20' E.
18.00	Enter timber at top of bluffs bearing E. & W.
21.50	Foot of bluffs bearing E. & W.
22.30	Niobrara River. Set meander post with pits and mound as per instructions from which An Elm 6 in. dia. bears S. 46° E 23 links dist. A willow 10 in. dia. bears S. 65° W. 112 links dist.
	Surface rolling.
	Soil 1st rate
	Timber cottonwood Bur oak and Elm.
	Aug. 11. 1871.

Township 33 North Range 12 West

chains	
	North between Secs. 32 & 33
	Va. 13° 20'
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
70.00	Enter timber at top of bluffs bearing N.E. and S.W.
72.00	Foot of bluffs enter bottom N.E. and S.W.
72.40	Stream 15 links. runs N.E.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to sections 28. 29. 32 and 33. from which A Bur oak 9 in. dia. bears N. 55° W. 7.50 links dist. A Cedar 16 in. dia. bears S. 22° 30' W. 8.30 links dist
	Upland quite rolling.
	Soil sandy 3rd rate.
	Bottom land 1st rate.
	Timber Bur oak. Elm & Cedar.

Township 33 North, Range 12 West

chains	
	East on a Random line Betwn. Secs. 28 and 33
	Va 13° 20'
3.70	Stream 20 links wide runs N. pass time W.
4.00	Leave bottom at foot of bluffs bearing S.W. & S.
8.00	Leave timber at top of bluffs N. & S.
40.00	Set post for temporary 1/4 Sec corner
50.00	Enter timber at top of bluffs bearing N.E. & S.W.
53.00	Enter bottom at foot of bluffs. " " " "
55.00	Stream 8 links wide course N.E.
57.00	Leave bottom at foot of bluff. N.E. & S.W.
58.00	Leave timber at top of bluffs bearing N.E. and S.W.
80.00	Intersect N. and S. line at the corner to sections 27. 28. 33 and 34 from which corner I run West on a true line between Secs 28 and 33.
	Va. 13° 20'
40.00	set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec Corner.
80.00	Corner to Secs. 28. 29. 32 & 33. Surface rolling Soil Sandy 3rd rate.

Township 33 North Range 12 West

chains	
	North Betwn. Secs. 28 & 29
	Va 13° 20'
6.45	Stream 12 lks. bearing S.W.
6.95	" " " " N.E.
7.40	" " " " W.
8.80	" " " " N.E.
27.00	Leave bottom and timber N.E. & S.W.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner.
70.00	Enter river bottom bearing S.E. and N.W.
80.00	Set post. deposite charred stake raise mound of earth with pits as per instructions for Sec. corner. to Secs. 21. 21. 28. & 29 Upland rolling, Soil 2nd rate. Bottom land Soil 1st rate.

chains	
	East on a true line Betwn. Secs. 21 and 28, knowing it will strike the Niobrara in less than 80.00 chains.
	Va. 13.2 0 E
19.00	Slough 80 links wide course N.W. + S.E.
20.00	Enter scattering cottonwood timber bearing N.E. and S.W.
33.36	Niobrara River course S.E. Set Meander post with mound + pits as per instructions from which A Cottonwood 6 in. dia. bears S. 50° W. 110 Dist. A Cottonwood 8 in. dia. bears N 48° W. 125 Dist. Surface level. Soil 1st rate. Timber Cottonwood

chains	
	North Betwn. Secs. 20 + 21
	Va. 13° 20' E
27.44	Niobrara river. Set post deposite charred stake, raise mound of earth with pits as per instructions for Meander corner to fractional Sections 20 and 21 Surface level Soil 1st rate
	Aug. 12. 1871.

Township 33 North Range 12 West

chains	
	North Betwn. Secs. 31 & 32
	Va. 13° 20' East
40.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post, deposite charred stake raise mound of earth with pits as per instructions for Corner to Secs 29. 30. 31 & 32. Surface gently rolling. Soil sandy 2nd rate.

Township 33 North Range 12 West

chains	
	East on a Random line Betwn. Secs. 29 and 32
	Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec corner
70.00	Enter bottom bearing N. E & S.W.
80.00	Intersect N and S line 10 links South of the corner to Secs 28 29 & 32 & 33 from which corner I run. S 89° 56' W. on true line Betwn. Secs. 29 and 32
	Va. 13° 20' East
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner
80.00	The corner to Sections 29. 30. 31 and 32. Surface rolling Soil 2nd rate.

Township 33 North Range 12 West

chains	
	West on a Random line Between Secs. 30 and 31 Va. 13°2' East
40.00	Set post for temporary 1/4 Sec. corner
80.10	Intersect Western boundary of Township 5 link S. of the corner to Secs. 30 & 31 from which corner Sun S. 89° 58' E. on true line Between Secs. 30 and 31. Va. 13°2' East
40.05	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner.
80.10	The corner to Secs 29, 30. 31 and 32. Surface rolling. Soil 2nd rate.

Township 33 North. Range 12 West

chains	
	North Between Secs. 29 and 30. Va 13°2' East
40.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Secs. 19. 20. 29 and 30. Surface rolling. Soil 2nd rate.

Township 33 North Range 12 West

chains	
	East on a Random line between Secs. 20 & 29 Va 13° 2' East
40.00	Set post, for temporary 1/4 Sec. corner
69.90 79.90	Enter bottom opening N.E. & S.W. Intersect N and S line 5 links South of corner to Secs. 20, 21, 28 & 29 from which corner I run S. 89° 58' W. on true line betwn. Secs. 20 and 29 Va. 13° 2' East
39.95	Set post deposit charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.90	The corner to Secs. 19, 20, 29 and 30 Surface rolling. Soil sandy 2nd rate.

Township 33 North. Range 12 West

chains	
	West on a Random line betwn. Secs. 19 & 30 Va. 13° 2' East
40.00	Set post for temporary 1/4 Sec corner.
80.00	Intersect Western boundary of Township at the corner to Secs. 19 and 30 from which corner I run East on a true line betwn. Secs. 19 and 30 Va. 13° 2' East
40.00	Set post deposit charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	The corner to Secs. 19, 20, 29 and 30. Surface rolling Soil 2nd rate.

Township 33 North Range 12 West

North. Betwn. Secs.
19 and 20 East
Variation 13° 20' East
40.00 Set post deposite
charred stake raise
mound of earth with
pits as per instructions
for 1/4 Section corner.
56.00 Enter willows and
bottom bearing N. & S.E.
58.20 Niobrara River. Set post
deposite charred stake
raise mound of earth
with pits as per in-
structions for Meander
Corner, to fractional Sections
19 and 20

Surface rolling.
Soil 2nd rate.

Aug. 13. 1871

Township 33 North Range 12 West

General Description.

The soil of this Township is good, much of it being 1st rate, and well adapted to farming purposes.

The surface is generally rolling, though near the river, it is somewhat broken.

The ravines and the river bottom contain good timber, consisting of Burr oak, Elm, ash cottonwood and cedar.

Water is abundant, flowing in beautiful clear cold streams.

Township 33 North Range 12 West

Meanders of the right bank of Niobrara River through the Township

Begin at the corner to fractional sections 25 & 30 in Township 33 North Ranges 11 and 12 in the East boundary of Township 33 R12 W. and on the right and S. bank of the river and run thence up stream with the meanders of the right bank of said river in fractional section 25. as follows

Course Dist. Va. 13°20' E.

Course	Dist.	
S.45° W.	18.00	
S.70° W.	17.50	
S.75° W.	19.00	
S.66° W.	12.30	
S.78 W.	9.30	
N.80° W.	12.20 2	To meander corner to fractional Sections 25 & 26 Surface Level. Soil 1st rate. Timber

Township 33 North Range 12 West

Course	Distance	Thence Meanders in Section 26.
N.80 W.	29.00	
S.82 W.	16.50	3.50 chains stream 10 links wide coming from the S.
N.77°45' W.	16.50	
N.81 W.	18.80 3	To meander corner to fractional section 26 and 27. At 6.80 ravine coming from the S. W. Bottom narrow, level 1st rate. Upland broken soil 1st rate. Timber Burr Oak & Cottonwood

Thence Meanders in Section 27.

Course	Distance	
N.80 W.	8.50	
N.88 W.	12.00	
S.88 W.	18.50	
N.86°45' W.	16.00	
N.78 W.	25.50 4	To meander corner to fractional Sections 27 and 28. At 12.20 ravine coming from the S. Surface bottom level (narrow) Upland broken 1st rate. Timber Burr Oak

Township 33 North Range 12 West.

Course.	Distance.	Thence ~~Meanders~~ in Section 28
N. 38°45' W.	19.00	At 6 chains stream 5 links wide coming from the S.W.
N. 51 W.	13.00	
N. 25° W.	15.20	At 8.90 Stream 15 links wide coming from the S.W.
N. 34°45' W	18.00	At 3.00 chains slough 60 links wide coming from N.W.
N. 60° W.	9.80$_5$	To corner of fractional Sections 21 and 28. Surface broken soil 1st rate.
		Thence ~~Meanders~~ in Section 21.
N. 46° W.	13.50	
N. 52 W.	14.50	
N. 55 W.	15.40$_6$	At 6.35 Slough 50 links wide bearing S.E. Leave Scattering Timber bearing S.E. To meander corner to fractional Secs 20 and 21 Surface level bottom 1st rate soils. Scattering timber. cottonwood + Berr Oak.

Township 33 North Range 12 West.

Course.	Dist.	Thence ~~Meanders~~ in Fractional Section 20
N. 61° W.	7.50	
N. 70° W.	32.50	29.00 Enter willows bearing ~~N.~~ West
N. 75° W.	15.00	
N. 71°45' W	13.00	
N. 65° W.	18.10$_7$	To meander corner to fractional Sections 19 and 20 Surface level Soil 1st rate. Timber Willow and scattering cottonwood.
N. 82° W.	16.50	Thence ~~Meanders~~ in Sec 19
S. 84°45' W	23.50	
West	23.50	6 chains enter timber bearing West.
N. 80° W	16.80$_8$	To meander corner on Western boundary of Township and corner to fractional Secs. 19 and 24 Township 33 North Ranges 12 and 13.
Aug. 14.	1871.	Surface level. Soil 1st Timber Berr Oak. Willow and cottonwood At 9.40 Leave bottom bearing E.

We hereby certify that we assisted William A. Richards, deputy Surveyor, in Surveying and Sub-dividing Township No. 33 North of the Base Line, of Range No. 12 West of the 6th Principal Meridian; in the State of Nebraska, and that said Township has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General.

Mound-men + Axe-men { H. S. Gardner
L. A. Lamsehill

Chain-men { E. F. Waltemyre
A. C. Richards

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

Rollin C. Smith
Notary Public

I, William A. Richards, do solemnly swear that in pursuance of a joint contract No 1, wherein William A. Richards and Joseph W. Gray were joint contractors with E. E. Cunningham, United States Surveyor General for Iowa and Nebraska, bearing date June 15th 1871, I have well, faithfully and truly in my own proper person surveyed all those parts or portions of Township 33 North, Range 12 West as are represented in the foregoing field-notes as having been surveyed under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions and that the foregoing are the true and original field-notes of such surveys.

W. A. Richards
Deputy Surveyor

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

Rollin le Smith
Notary Public

Surveyor General's Office
Olympia W.T. January 12th 1872

The foregoing field Notes of the survey and subdivision of Township No 33. North of Base line of Range 12 West 6th P.M. Executed by Wm A Richards under first contract No 46. Dated June 15th 1871. wherein Wm A Richards and Wm J. N. Gay are joint contractors in the month of August 1871 having been critically examined the necessary corrections and explanations made the said field Notes and survey they describe are hereby approved

E. E. Cunningham
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.