General Land Office • Original Field Notes

Book Number

386

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.

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Field Notes
of the Survey and Sub-division
of Township No 29 West of
the Base Line of Range
[illegible] of the 6th
[illegible] Meridian, in
[illegible] of Nebraska,
[illegible] Contract No 45 -
[illegible] dall -

[illegible] George T. Kendall
[illegible] Deputy Surveyor

T
29 N
R. 13 W.

Survey commenced Aug. 2nd 1871
Survey completed Aug. 16th 1871

T. 29 N. R 13 W. 6th P. M.

A list of the names of the persons employed to assist in surveying and sub-dividing this Township.

W. J. Bentley
J. C. Smith } Chainmen
A. B. Campbell } Moundmen
W. T. Rogers } Axmen & flagmen

chains	
	To determine the proper adjustment of my compass for sub-dividing this Township I commence at the corner to Township 29 N. R. 12 and 13 West and run North on a blank line along the East Boundary of Section 36.
	Variation 13° 25' East
40.00	To a point 5 lks. West of 1/4 Sec. Co.
80.09	To a point 12 lks. West of corner to Sec. 25 and 36.
	To retrace this line or run parallel thereto my compass must be adjusted to a
	Variation 13° 20' East

Township 29 North. Range 13 West

chains	
	North bet. Sec. 35 and 36 Variation 13° 20' East
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor
80.00	Set port. deposit chained stake, raise mound of earth with pits, as per instruction for corner to Sec. 25. 26. 35 and 36
	Surface rolling Soil sandy 3rd rate

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 25 and 36 Variation 13° 20' East
26.50	Enter Bottom - N. W. and S. E.
40.00	Set port for temporary 1/4 Sec. Corner.
79.31	Intersect East Boundary of Township at a point 40 lks. S. of corner to Sec. 25 and 36 from which corner I run S 89° 56' West on true line bet. Sec. 25 and 36 Variation 13° 20' East
39.65½	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor
79.31	Corner to Sec. 25. 26. 35 and 36
	Surface rolling Soil sandy 3rd rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 25 and 26
	Variation 13° 20' East
30.00	Leave sand hills and enter bottom. bears S.E & S.W.
40.00	Set Post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Cor
80.00	Set Post. deposit chained stake. raise mound of earth with pits. as per instructions for Corner to Sec. 23. 24. 25 and 26
	Surface - sand hills rolling Soil 3rd rate. Bottom level - Soil 2nd rate, - Signs of alkali.

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 24 and 25
	Variation 13° 20' East
32.00	Enter willows on bank of Elkhorn - S.E.
35.00	Elkhorn river 40 lks. wide S.E.
38.00	Leave willows - S.E.
40.00	Set post for temporary 1/4 Sec. Cor.
50.00	Elkhorn - 45 lks. wide corner N.E.
64.00	Elkhorn - 48 lks. wide - S.E. Scattering cottonwood trees on bank
79.30	Intersect East Boundary of Township at post, comp. to 24 and 25 from which corner I run.
	West on true line bet. Sec. 24 & 25
	Variation 13° 20' East
39.65	Set Post. deposit chained stake raise mound of earth with pits. as per instructions for 1/4 Sec. Corner
79.30	Corner to Sec. 23. 24. 25. 26. Surface level bottom - soil 2nd rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 23 and 24
	Variation 13° 25' East
31.30	Elkhorn River 60 lks. wide course S.E.
40.00	Set post. deposit chained stake raise mound of earth with pits. as per instructions for 1/4 Sec. Corner
70.00	Land Bottom & enter low land hills N.W. and S.E.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 13. 14. 23 and 24.
	Surface, {bottom level / upland rolling
	Soil 2d rate

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 13 and 24
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.35	Intersect East Boundary of Township at a point 8 lks. N. of corner to Sec. 13 and 24 from which corner I run
	N 89° 57' West on his line bet. Sec. 13 & 24
	Variation 13° 20' East
39.67 1/2	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
79.35	Corner to Sec. 13. 14. 23 and 24.
	Surface {bottom level / upland rolling
	Soil — 2d rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 13 and 14
	Variation 13° 30' East
40.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Co
80.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 11, 12, 13 and 14
	Surface gently rolling
	Soil 3d rate

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 12 and 13
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.59	Intersect East Boundary at a point 10 lks. N. of corner to Sec. 12 and 13 from which corner I run N 89° 56' West on true line bet. Sec. 12 and 13
	Variation 13° 20' East
39.79 1/2	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
79.59	Corner to Sec. 11, 12, 13 and 14.
	Surface level
	Soil sandy 3d rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 11 and 12 Variation 13° 30' East
40.00	Set Port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 1. 2. 11. 12
	Surface level Soil sandy 2d rate

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 1 and 12 Variation 13° 20' East
40.00	Set Port, for temporary 1/4 Sec. Corner.
79.85	Intersect East Boundary at a point 27 lks. N. of corner to Sec. 1 and 12 from which corner I run N. 89° 48' West on true line bet. Sec. 1 and 12 Variation 13° 20' East
39.92½	Set Port. deposit chained stake raise mound of earth with pits as per instructions for 1/4 Sec. Corner
79.85	Corner to Sec. 1. 2. 11 and 12
	Surface gently rolling Soil 2d rate

Township 29 North, Range 13 West

chains	
	North on Random line bet. Sec. 1 and 2
	Variation 13° 40' East
40.00	Set post, for temporary 1/4 Sec. Corner.
79.50	Intersect N. Boundary of Township. 4 4 lks West of corner to Sec. 1 and 2 from which corner I run S 17' West on true line bet Sec. 1 and 2
	Variation 13° 40' East
39.50	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
79.50	Corner to Sec. 1. 2. 11. 12
	Surface gently rolling Soil 2nd rate

Aug 12th

Township 29 North, Range 13 West

chains	
	North bet. Sec. 34 and 35
	Variation 13° 20' East
40.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
60.00	Leave sand hills, enter bottom - E. and W.
80.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 26. 27. 34 and 35.
	Surface level bottom Soil 2nd rate -

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 26 and 35 — Variation 13° 20' East
28.00	Leave bridge N.E. and S.W.
40.00	Set post for temporary 1/4 Sec. Corner.
79.77	Intersect N and S line at a point 10 lks. South of corner to Sec. 25, 26. 35 and 36 from which corner I run S 89° 56' West on line line bet. Sec. 26 and 35 — Variation 13° 20' East
39.88 lk	Set post. deposit chaned stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
79.77	Corner to Sec. 26. 27. 34 and 35

Surface, upland gently rolling
Soil 3rd rate
Bottom level — soil 1st rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 26 and 27 — Variation 13° 20' East
40.00	Set post. deposit chaned stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chaned stake. raise mound of earth with pits. as per instructions for Corner to Sec. 22. 23. 26 and 27.

Surface level bottom
Soil 1st rate

Township 29 North, Range 13 West

chains	
	East on Random line bet. Sec. 23 and 26
	Variation 13° 20' East
11.00	Elkhorn 40 lks. wide course S.E.
23.00	Elkhorn 40 lks wide N.E.
40.00	Set post for temporary 1/4 Sec. Corner.
79.64	Intersect N and S. line at a point 12 lks. North 23.24, 25.26 of corner to Sec. 23 and 26
	from which Cor. I run N. 89°55' W. on true line bet. Sec. 23 & 26
	Variation 13° 20' East
39.82	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
79.64	Corner to Sec. 22. 23. 26 and 27
	Surface level bottom
	Soil 1st rate

Township 29 North, Range 13 West

chains	
	North bet Sec. 22 and 23
	Variation 13° 20' East
29.50	Cross river course S.E.
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
77.00	Leave bottom E. and W.
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 14. 15. 22 and 23.
	Surface level
	Soil 1st rate

Township 29 North. Range 13

chains	
	East on Random line bet. Sec. 14 and 23
	Variation 13° 20' East
140.00	Set post. for temporary 1/4 Sec. Corner.
2 79.46	Intersect N. and S. line at
4	a point - 18 lks. North of
	corner to Sec. 13. 14. 23
7	and 24 from which corner
	I run
	N 89° 52' West on line bet. Sec. 14 and 23
3	Variation 13° 20' East
39.73	Set post. deposit chained
	stake, raise mound of
	earth with pits, as per
79.46	instructions for 1/4 Sec. Cor.
	Corner to Sec. 14. 15. 22
	and 23
	Surface rolling upland
	Soil 3rd rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 14 and 15
	Variation 13° 30' East
40.00	Set post. deposit chained
	stake, raise mound of
	earth with pits, as per
	instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained
	stake, raise mound
	of earth with pits, as per
	instructions for corner to
	Sec. 10. 11. 14 and 15.
	Surface rolling
	Soil sandy 3rd rate

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 11 and 14
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.70	Intersect N and S line at post. corner to Sec. 11.12 13 and 14 from which corner
	West on true line bet. Sec. 14 and 23
	Variation 13° 30' East
39.85	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec Corner.
79.70	Corner to Sec. 10.11.14.15
	Surface rolling
	Soil sandy 2nd to 3rd rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 10 and 11
	Variation 13° 30' East
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 2.3.10.11
	Surface rolling
	Soil sandy 2nd rate

Township 29 North. Range 13 West

chains	
	East random bet Sec. 2 and 11
	Variation 13° 20' East
40.00	Set temporary ¼ Sec. Cor.
79.85	Intersect 40 lks S. of Cor to Sec. 1, 2, 11 & 12 from which cor. bears S. 89° 43' W. on true line betn Sec. 2 & 11. Var. 13° 20' E.
139.92½	Set port. deposit-chained stake. raise mound of earth with pits. as per instructions for ¼ Sec. Cor. ~~Set port. deposit chained stake raise mound of earth with pits as per instructions for~~
79.85	Corner to Sec. 2. 3. 10 and 11

Surface rolling
Soil sandy 3" fall

Township 29 North. Range 13 West

chains	
	North on Random line bet. Sec. 2 and 3
	Variation 13° 40' East
40.00	Set port for temporary ¼ Sec. Corner
79.10	Intersect N. Boundary at a point 39 lks. East of corner to Sec. 2 and 3 from which corner I run S 13' East on true line bet. Sec. 2 and 3
	Variation. 13° 40' East
39.10	Set port. deposit-chained stake. raise mound of earth with pits as per instructions for ¼ Sec. Corner.
79.10	Corner to Sec. 2. 3. 10. 11

Surface gently rolling
Soil 2" to 3" fall

Aug 13th

Township 29 North. Range 13 West

chains	
	North bet Sec. 33 and 34 Variation 18° 25' East
40.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 27. 28. 33 and 34
	Surface rolling Soil sandy 2nd rate

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 27 and 34 Variation 13° 25' East
38.00	Leave sand hills. &c.
40.00	Set post for Temporary 1/4 Sec. Corner.
79.90	Intersect N. and S. line at a point 18 lks. South of corner to Sec. 26. 27. 34 and 35 from which corner I run S 89° 52' West on true line bet. Sec. 27 and 34 Variation 13° 25' East
39.95	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
79.90	Corner to Sec. 27. 28. 33. 34
	Surface broken Soil 2nd rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 27 and 28
	Variation 13° 25' East
38.00	Leave sand hills, &c
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth, with pits as per instructions for corner to Sec. 21, 22, 27 and 28
	Surface level bottom Soil 2d rate

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 22 and 27
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.00	Intersect N. and S. line at post corner to Sec. 22, 23, 26 and 27 from which corner Run West on line line bet. Sec. 22 and 27
	Variation 13° 20' East
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Corner to Sec. 21, 22, 27 and 28.
	Surface level bottom Soil 2d rate -

Township 29 North. Range 13 West

chains	
	North bet. Sec. 21 and 22
	Variation 13° 25' East
16.00	Cross dry creek – rate in holes of N.E.
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
53.00	Elk horn 40 lks wide E.E.
80.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for corner to Sec. 15. 16. 21 and 22
	Surface level bottom Soil 2d rate

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 15 and 22
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
58.00	Leave bottom N.W. and S.E.
80.20	Intersect N. and S. line at a point 19 lks S. of corner to Sec. 14. 15. 22 and 23 – from which corner I run S 89° 52' West on true line bet. Sec. 15 and 22
	Variation 13° 25' East
40.10	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner
80.20	Corner to Sec. 15. 16. 21 and 22.
	Surface, bottom level – balance, rolling Soil 2d rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 15 and 16
	Variation 13° 25' East
10.00	Leave bottom N. W. and S. E.
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Co
80.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for corner to Sec. 9. 10. 15 and 16
	Surface rolling upland Soil 2d rate

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 10 and 15
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.05	Intersect N. and S. line at a point 40 lks. South of corner to Sec. 10. 11. 14. and 15. from which corner I find
	S 89° 48' West on line bet. Sec. 10 and 15
	Variation 13° 25' East
40.02 1/2	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.05	Corner to Sec. 9. 10. 15 and 16
	Surface rolling Soil 2 rate

Township 29 North, Range 13 West

chains	
	North bet. Sec. 9 and 10 Variation 13° 25' East
40.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 3.4.9 and 10
	Surface rolling upland Soil 2d rate.

Township 29 North, Range 13 West

chains	
	East on Random line bet Sec. 3 and 10 Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.20	Intersect 1st and S. line at a point 35 lks. South of corner to Sec. 2.3.10 and 11 from which corner I run S 89° 45' West on true line bet. Sec. 3 and 10 Variation 13° 25' East
40.10	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.20	Corner to Sec. 3.4.9 and 10
	Surface rolling Soil 2d rate

Township 29 North. Range 13 West

chains	
	North on Random line bet. Sec. 3 and 4
	Variation 13° 30' East
40.00	Set post for temporary 1/4 Sec. Corner
79.60	Intersect N and S line at a point 40 lks. West of corner to Sec. 3 and 4 from which corner I run S 15' West on true line bet. Sec. 3 and 4
	Variation 13° 30' East
39.60	Set post, deposit-chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
79.60	Corner to Sec. 3. 4. 9. 10
	Surface gently rolling Soil 3rd rate —

Aug 14th

Township 29 North. Range 13 West

chains	
	North bet. Sec. 32 and 33
	Variation 13° 25' East
.10	Stream 20 lks wide N.E.
8.00	Leave bottom, for low sand-hills, N.E.
40.00	Set post, deposit-chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post, deposit-chained stake, raise mound of earth with pits, as per instructions for Corner to Sec. 28. 29. 32 and 33
	Surface level Soil 2nd rate — alkali in soil.

Township 29 North, Range 13 West

chains	
	East on Random line bet. Sec. 28 and 33
	Variation 13° 25' East
25.00	Enter creek bottom N.W. & S.E.
29.60	Stream 20 lks wide, N.E.
39.00	Enter low sand hills. N.E. & S.W.
40.00	Set post for temporary 1/4 Sec. Corner
80.12	Intersect N. and S. line at corner to Sec. 27. 28. 33 and 34. from which corner 2 mch
	West on true line bet Sec. 28 and 33
	Variation 13° 25' East
40.06	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Co.
80.12	Corner to Sec. 28. 29. 32. 33
	Surface - bottom land, 2d rate
	Upland - hilly, 3d rate

Township 29 North, Range 13 West

chains	
	North bet. Sec. 28 and 29
	Variation 13° 25' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner
62.00	Leave low bluff for bottom S. and W.
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 20. 21. 28 and 29
	Surface level
	Soil 2d rate - containing alkali.

Township 29 North, Range 13 West

chains	
	East on Random line bet. Secs. 21 and 28
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner
44.00	Enter sandy soil N.E. and W.
71.00	Bed of stream, N.E., with water in holes.
80.20	Intersect N. and S. line at a point 26 lks. N. of corner to Secs. 21. 22. 27 and 28 from which corner bears
	N 89° 49' West on true line bet. Secs. 21 and 28
	Variation 13° 25' East
40.10	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.20	Corner to Secs. 20. 21. 28 and 29
	Surface level — Heavy grass
	Soil sandy 2° & 3° rate

Township 29 North, Range 13 West

chains	
	North bet. Secs. 20 and 21
	Variation 13° 20' East
40.00	Set post, deposit chained stake, raise mounds of earth with pits, as per instructions for 1/4 Sec. Corner.
46.00	Elkhorn river 50 lks. wide S.E. — Scattering cotton wood trees, on banks.
80.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for corner to Secs. 16. 17. 20 and 21
	Surface level bottom
	Soil 2° rate — Alkali in soil

Township 29 North Range 13 West

chains	
	East on random line bet Sec. 16 and 21
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.87	Intersect N and S line at a point 11 lks. N. of corner to Sec. 15. 16. 21 and 22 from which corner I run N 89° 55' West on his line bet. Sec. 16 and 21
	Variation 13° 25' East
39.93½	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec Cor.
79.87	Corner to Sec. 16. 17. 20 and 21
	Surface rolling Soil 2d rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 16 and 17
	Variation 13° 20' East
20.00	Leave Bottom for low sand-hills. E. and W.
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for Corner to Sec. 8. 9. 16 and 17
	Surface rolling Soil 2d rate

Township 29 North. Range 13 West

chains	
	East on Random line bet Sec. 9 and 16
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.65	Intersect N. and S. line at at post corner to Sec. 9. 10. 15 and 16 from which corner I run
	West on true line bet. Sec. 9 and 16
	Variation 13° 20' East
39.82½	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
79.65	Corner to Sec. 8. 9. 16 and 17.
	Surface level Soil 2d. rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 8 and 9
	Variation 13° 20' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec Cor.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 4. 5. 8 and 9
	Surface rolling Soil 2d. rate

Township 29 North, Range 13 West

chains	
	East on Random line bet. Sec. 4 and 9
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner
79.70	Intersect N and S line at a point 3 lks. South of corner to Sec. 3.4.9 and 10 from which corner I run S 89° 47' West on true line bet. Sec. 4 and 9
	Variation 13° 20' East
39.85	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec Corner
79.70	Corner to Sec. 4.5.8 and 9
	Surface rolling Soil 2d rate

Township 29 North, Range 13 West

chains	
	North on Random line bet. Sec. 4 and 5
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.95	Intersect North Boundary of Township at post, corner to Sec. 4 and 5 from which corner I run South on true line bet. Sec. 4 and 5
	Variation 13° 25' East
39.95	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec Corner.
79.95	Corner to Sec. 4.5.8 and 9
	Surface rolling Soil 2d rate

Township 29 North, Range 13 West

chains	
	North bet. Secs. 31 & 32 Variation 13° 25' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for corner to Sec. 29. 30. 31 & 32
	Surface rolling sand hills Soil sandy 3rd rate

Township 29 North, Range 13 West

chains	
	East on Random line bet. Sec. 29 and 32 Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.68	Intersect N and S. line at a point 30 lks. South of corner to Sec. 28. 29. 32 and 33 from which corner I run S 89° 47' West on the line bet. Sec. 29 and 32 Variation 13° 45' East
39.84	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
79.68	Corner to Sec. 29. 30, 31 and 32.
	Surface level Soil sandy 2nd rate

Township 29 North. Range 13 West

chains	
	West on Random line bet. Sec. 30 and 31
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.26	Intersect West Boundary at a point 18 lks. S. of corner to Sec. 30 and 31 from which corner
	Run
	S 89° 52' East on true line bet. Sec. 30 and 31
	Variation 13° 25' East
40.26	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.26	Corner to Sec. 29. 30. 31 and 32
	Surface gently rolling Soil ~~sandy~~ 3d rate

Township 29 North. Range 13 West

chains	
	North bet. Sec. 29 and 30.
	Variation 13° 30' East
40.00	Set post. deposit chained stake. raise mound of earth. with pits as per instructions for 1/4 Sec. Corner.
70.00	Enter bottom leave low sand hills E. and W.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for Corner to Sec. 19. 20. 29. 30
	Upland. gently rolling. Soil sandy 3d rate Bottom level. Soil 2d rate
	August 15th.

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 20 and 29
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner
79.26	Intersect N and S line at a point 20 lks. N. of corner to Sec. 20.21.28.29 from which corner I run N 89° 51' West on line line bet. Sec. 20 & 29
	Variation 13° 25' East
39.63	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec Corner
79.26	Corner to Sec. 19.20.29 & 30.
	Surface upland rolling Soil - Sandy 3rd rate Bottom level - 2nd rate

Township 29 North. Range 13 West

chains	
	West on Random line bet. Sec. 19 and 30
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec Corner.
80.24	Intersect West Boundary of Township at a point 15 lks South of corner to Sec. 19 and 30 from which corner I run S 89° 54' East on true line bet. Sec. 19 and 30
	Variation 13° 25' East
40.24	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec Corner.
80.24	Corner to Sec. 19.20.29.30
	Surface level Soil 1st rate

Township 29 North. Range 13 West

Chains	
	North- bet. Sec. 19 and 20
	Variation 13° 25' East
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner
59.00	Elkhorn River 40 lks. wide S.E.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for Corner to Sec. 17. 18. 19. 20
	Surface level
	Soil 2d. rate

Township 29 North. Range 13 West

	East on Random line bet. Sec. 17 and 20
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec Corner
79.46	Intersect N and S. line at a point 22 lks. North of corner to Sec. 16. 17. 20 and 21 from which corner I hung
	N 89° 51' West on true line bet. Sec. 17 and 20
	Variation 13° 20' East
39.73	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
79.46	Corner to Sec. 17. 18. 19 and 20.
	Surface gently rolling
	Soil 2d. rate

Township 29 North, Range 13 West

chains	
	West on Random line bet Secs 18 and 19
	Variation 13° 20' East
40.00	Set post for temporary ¼ Sec. Corner
80.16	Intersect West Boundary of Township at a point 37 lks. South of corner to Secs. 18 and 19 from which corner Thun S 89° 44' East on line line bet. Secs. 18 and 19
	Variation 13° 20' East
40.16	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for ¼ Sec. Corner.
80.16	Corner to Secs. 17. 18. 19. 20.
	Surface level
	Soil 1st rate

Township 29 North, Range 13 West

chains	
	North bet. Secs. 17 and 18
	Variation 13° 35' East
20.00	Leave Bottom N.W. and S.E.
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for ¼ Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for Corner to Secs. 7. 8. 17 and 18.
	Surface { Bottom level 2nd rate; Upland rolling 2nd rate

Township 29 North. Range 13 West

chains	
	East on Random line bet. Sec. 8 and 17
	Variation 13° 30' East
40.00	Set post for temporary 1/4 Sec. Corner
79.90	Intersect N and S line at a point 8 lks. N of corner to Sec. 8. 9. 16. 17 from which corner I run S 89° 57' West on true line bet. Sec. 8 and 17
	Variation 13° 30' East
39.95	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
79.90	Corner to Sec. 7. 8. 17 and 18
	Surface gently rolling Soil sandy 3rd. rate

Township 29 North. Range 13 West

chains	
	West on Random line bet. Sec. 7 and 18
	Variation 13° 30' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.98	Intersect West Boundary at a point 10 lks. South of corner to Sec. 7 and 18 from which corner I run S 89° 56' East on true line bet. Sec. 7 and 18
	Variation 13° 30' East
39.98	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
79.98	Corner to Sec. 7. 8. 17 and 18
	Surface gently rolling Soil sandy 3rd. rate

Township 29 North. Range 13 West

chains	
	North bet. Secs. 7 and 8 Variation 13° 30' East
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner
80.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Secs. 5. 6. 7 and 8
	Surface gently rolling Soil sandy 3d rate

Township 29 North. Range 13 West

chains	
	East on Random line bet. Secs. 5 and 8 Variation 13° 30' East
40.00	Set port for temporary 1/4 Sec. Corner
80.00	Intersect N and S line at port. corner to Secs. 4. 5. 8 and 9 from which corner I run West on true line bet. Secs. 5 and 8 Variation 13° 30' East
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner
80.00	Corner to Secs. 5. 6. 7 and 8
	Surface level Soil 2d rate

Township 29 North, Range 13 West

chains	
	West on Random line bet. Sec. 6 and 7
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner
79.52	Intersect West Boundary of Township at a point 40 lks. Northof corner to Sec. 6 and 7 from which corner I run
	S 89° 43' East on true line bet. Sec. 6 and 7
	Variation 13° 20' East
39.52	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
79.52	Corner to Sec. 5.6.7.8
	Surface rolling Soil sandy 3rd rate

Township 29 North, Range 13 West

chains	
	North on Random line bet. Sec. 5 and 6
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.25	Intersect N. Boundary of Township at a point 46 lks. East of corner to Sec. 5 and 6 from which corner I run S 2.6' East on true line bet. Sec. 5 and 6
	Variation 13° 20' East
40.25	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.25	Corner to Sec. 5.6.7 and 8
	Surface gently rolling Soil sandy 3rd rate.
	August 16th

Township 29 North. Range 13 West

General Description

The surface of this Township is gently rolling. The Elkhorn River runs through the Southern portion in a S.E. direction. The soil in the Elkhorn river bottom is from 1st to 2d rate. Upland sandy - 3d rate. It is very dry and needs moisture to produce good crops. The grass is short. but well adapted in quality, to winter grazing.

We hereby certify that we assisted George T. Kendall. deputy Surveyor, in surveying and subdividing Township No 29 North of the Base Line of Range No 13 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.

W. J. Dentley } Chainman
H. O. Smith } Chainman
A. B. Campbell } axman
W. T. Rogers } Mounduar + flagman

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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 L. Smith
Notary Public

I, George T. Rendall, deputy Surveyor, do solemnly swear that, in pursuance of a joint contract, wherein McFarlan Miller and George T. Rendall, are joint contractors with E. E. Cunningham, United States Surveyor General for the State of Iowa and Nebraska, bearing date June 15th 1871, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor General, the Surveying Manual and the laws of the United States, surveyed all those parts or portions of Township 29 North, Range 13 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 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.

Geo. T. Kendall
Deputy Surveyor

Subscribed by said George T. Kendall, deputy Surveyor, and sworn to before me a Notary Public for Douglas County, State of Nebraska, this 28 day of September, 1871.

Rollin L. Smith
Notary Public

Surveyor General's Office
Plattsmouth Oct. 6th 1871

The foregoing field notes of the Survey and subdivision of Township No. 29 North Range No. 13 West of the 6th Principal Meridian in Nebraska Executed by George T. Kendall U.S. Deputy Surveyor under Cont. Contract No. 45 dated June 15th 1871 wherein Chauncey Millse and George T. Kendall are joint Contractors in the month of Aug. ust 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. Cummingham
Surveyor General

Field Notes
of the Survey and sub-divisions
of Township No 30 North
of the Base Line of
Range No 13 West of
the 6th Principal
Meridian, in the
State of Nebraska.
under Joint contract No 45 -
Miller and Kendall - contractors
Executed by George T. Kendall
Deputy Surveyor.

Survey commenced Aug. 17th 1871
Survey completed Aug. 21st 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. D. Bentley } Chainmen
H. D. Smith }
A. B. Campbell } Boundmen
W. T. Rogers } Axmen & flagmen

Town. 30 N. Range 13 West

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 12 and 13 West and run North, on a blank line along the East Boundary of Sec. 36.
Variation 13° 30' East

39.96 To a point 6 lks W of 14 Sec. Corner.
79.95 To a point 12 lks W of corner
79.95 to Sec. 25 and 36.
To retrace this line, or run parallel thereto, my compass must be adjusted to a Variation 13° 25' East

Township 30 North. Range 13 W.

chains

North- bet. Sec. 35 and 36
Variation 13° 25' East

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

80.00 Set post, deposit- chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 25. 26. 35 and 36.

Surface level
Soil 2nd rate

Township 30 North. Range 13 West

chains

East on Random line bet. Sec. 25 and 36
Variation 13° 25' East

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

80.15 Intersect East Boundary of Township at a point 5 chs. South of corner to Sec. 25 and 36 from which corner I run S 89° 39' W on true line bet. Sec. 25 and 36
Variation 13° 25' East

40.07 1/2 Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.

80.15 Corner to Sec. 25. 26. 35 and 36

Surface rolling
Soil 2nd rate

Township 30 North, Range 13 West

chains	
	North bet. Sec. 25 and 26
	Variation 18° 25' East
2.00	Enter ravine. N.E.
6.00	Leave ravine. N.E.
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 23. 24. 25 and 26.
	Surface rolling.
	Soil 2nd rate.

Township 30 North, Range 13 West

chains	
	East on Random line bet. Sec. 24 and 25
	Variation 18° 25' East
23.00	Enter ravine bears N.E.
28.00	Leave ravine bears N.E.
40.00	Set post for temporary 1/4 Sec. Corner.
80.10	Intersect East Boundary of Township at a point 150 lks. South of corner to Sec. 24 and 25 from which corner I run S 89° 39' West on true line bet. Sec. 24 and 25
	Variation 18° 25' East
40.05	Set post. deposit chained stake, raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
80.10	Corner to Sec. 2. 3. 24. 25. 26
	Surface rolling
	Soil 2nd rate

Township 30 North, Range 13 West

chains	
	North bet. Sec. 23 and 24 Variation 13° 25' East
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 13. 14. 23 and 24.
	Surface rolling Soil 2nd rate

Township 30 North, Range 13 West

chains	
	East on Random line bet. Sec. 13 and 24 Variation 13° 25' East
40.00	Set post for Temporary 1/4 Sec. Corner.
68.50	Ravine N.E.
80.00	Intersect East Boundary of Township at a point 70 lks. South of corner to Sec. 13 and 24 from which corner I run S 89° 30' West on true line bet. Sec. 13 and 24 Variation 13° 25' East
40.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Corner to Sec. 13. 14. 23 and 24
	Surface level Soil 2nd rate

Township 30 North. Range 13 West

chains	
	North bet. Sec. 13 and 14 Variation 13° 25' East
40.00	Set post. deposit chained stake. raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for corner to Sec. 11. 12. 13 and 14.
	Surface rolling Soil 2nd rate

Township 30 North. Range 13 West

chains	
	East on Random line bet. Sec. 12 and 13 Variation 13° 25' East
13.00	Range N.S.
40.00	Set post for temporary 1/4 Sec. Corner.
70.00	Ravine N.E.
80.20	Intersect East Boundary of Township 40 lks. S. of corner to Sec. 12 and 13 from which corner Sun S 89° 43' W on true line bet. Sec. 12 and 13. Variation 13° 25' East
40.10	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.20	Corner to Sec. 11. 12. 13 and 14
	Surface level bottom, dry Soil 2nd rate.

Township 30 North Range 13 West

chains	
	North bet. Sec. 11 and 12
	Variation 13° 25' East
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 1. 2. 11 and 12
	Surface broken
	Soil 3d rate -

Township 30 North Range 13 West

chains	
	East on Random line bet. Sec. 1 and 12
	Variation 13° 25' East
2.00	Enter Ravine bears N. W.
40.00	Set post for temporary 1/4 Sec. Corner.
80.38	Intersect East Boundary of Township at a point 56 lks. S of corner to Sec. 1 and 12 from which corner I run
	S 89° 36' West on true line bet. Sec. 1 and 12
	Variation 13° 25' East
40.19	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.38	Corner to Sec. 1. 2. 11 and 12
	Surface broken
	Soil 3d rate -

Township 30 North Range 13 West

chains	
	North on Random line bet. Sec. 1 and 2
	Variation 13° 25' East
4.00	Enter ravine bears N.W.
9.00	Leave ravine bears N.W.
40.00	Set post. for temporary 1/4 Sec. Corner.
70.00	Enter bottom, containing Bur Oak trees, bears N.E.
79.90	Intersect North Boundary of Township at a point 65 lks. West of corner to Sec. 1 and 2 from which corner I run
	S 28' West on true line bet. Sec. 1 and 2
	Variation 13° 25' East
39.90	Set post, deposit chained stake, raise mound of earth, with pits as per instructions for 1/4 Sec. Corner.
79.90	Corner to Sec. 1. 2. 11 and 12
Aug 17th	Surface broken. Soil 3d. rate Sandstone found.

Township 30 North Range 13 West

chains	
	North bet. Sec. 34 and 35
	Variation 13° 20' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
78.00	Cross Ravine, East.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 26. 27. 34 and 35
	Surface rolling upland Soil 2d. rate

Township 30 North. Range 13 West.

chains	
	East on Random line bet. Sec. 26 and 35 — Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Cor.
75.00	Cross Racine, N.E.
79.68	Intersect N and S. line at post corner to Sec. 25. 26. 35 and 36 from which corner I run West on true line bet Sec. 26 and 35 Variation 13° 20' East
39.84	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
79.68	Corner to Sec. 26. 27. 34. and 35
	Surface broken Soil 2d rate

Township 30 North. Range 13 West.

chains	
	North bet. Sec. 26 and 27 Variation 13° 20' East
40.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for corner to Sec. 22. 23. 26 and 27.
	Surface level upland — Soil 2d rate

Township 30 North, Range 13 West

chains	
	East on Random line bet. Sec. 23 and 26 Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner
79.64	Intersect N. and S. line 15 lks N. of corner to Sec. 23. 24. 25 and 26 from which corner I run N 89° 54' West on line bet. Sec. 23 and 26 Variation 13° 20' East
39.82	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
79.64	Corner to Sec. 22. 23. 26 and 27
	Surface rolling upland Soil 2d rate

Township 30 North, Range 13 West

chains	
	North bet. Sec. 22 and 23 Variation 13° 20' East
40.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner
80.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 14. 15. 22 and 23
	Surface rolling upland Soil 2d rate

Township 30 North Range 13 West

chains	
	East on Random line bet. Sec. 14 and 23
	Variation 13° 20' East
10.00	Cross Ravine N.E.
40.00	Set post for temporary 1/4 Sec. Corner.
79.61	Intersect S and S. line at a point 10 lks. South of corner to Sec. 13, 14, 23 and 24 from which corner I run
	N 89° 56' West on true line bet. Sec. 14 and 23
	Variation 13° 20' East
39.80 1/2	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
79.61	Corner to Secs. 14, 15, 22 and 23
	Surface rolling upland Soil 2d rate

Township 30 North Range 13 West

chains	
	North bet. Sec. 14 and 15
	Variation 13° 25' East
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
72.00	Ravine N.W.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 10, 11, 14 and 15
	Surface rolling upland Soil 2d rate

Township 30 North. Range 13 West

chains	
	East on Random line bet. Sec. 11 and 14 Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
44.00	Cross Ravine N.E.
79.75	Intersect N and S line at a point 20 lks. N. of corner to Sec. 11. 12. 13 and 14 from which corner I run N 89° 51' West on true line bet. Sec. 11 and 14 Variation 13° 25' East
39.87½	Set post, deposit chained stake, raise mound of earth, with pits, as per instructions for 1/4 Sec. Corner
79.75	Corner to Sec. 10. 11. 14 and 15

Surface rolling
Soil 2nd rate

Township 30 North. Range 13 West

chains	
	North bet. Sec. 10 and 11 Variation 13° 25' East
40.00	Set post. deposit chained stake. raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 2. 3. 10 and 11 — in ravine —

Surface rolling upland
Soil 2nd rate

Township 30 North, Range 13 West

chains	
	East on Random line bet. Secs. 2 and 11
	Variation 13° 25' East
25.00	Ravine N.E.
40.00	Set post for temporary 1/4 Sec. Corner —
79.90	Intersect N & S. line — [illegible] at a point 25 lks. N of corner to Secs. 1. 2. 11 and 12 from which corner I run
	N 89° 49' West on true line bet. Secs. 2 and 11
	Variation 13° 25' East
39.95	Set. post. deposit chained stake, raise mound of earth-with-pits, as per instructions for 1/4 Sec. Corner.
79.90	Corner to Secs. 2. 3. 10 and 11
	Surface rolling upland Soil 2d rate —

Township 30 North, Range 13 West

chains	
	North on Random line bet. Secs. 2 and 3
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner
58.00	Cross Ravine — N.E.
63.00	Enter bottom E and West cottonwood, scrub oak, willow and underbrush on same
68.00	Cross creek runs E. [illegible] 15 lks. wide
73.00	Leave bottom at mouth of Ravine, E and W
79.50	Intersect N. Boundary of Township at a point 40 lks. West of corner to Secs. 2 and 3 from which corner I run
	S 17' West on true line bet. Secs. 2 and 3
	Variation 13° 25' East —
39.50	Set post, deposit-chained stake, raise mound of earth-with-pits, as per instructions for 1/4 Sec. Corner —
79.50	Corner to Secs. 2. 3. 10 and 11
	Surface broken soil 2d rate Aug 18th

Township 30 North, Range 13 West

chains	
	North bet. Secs. 33 and 34
	Variation 13° 15' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake. raise mound of earth with pits, as per instructions for corner to Secs. 27. 28. 33 and 34
	Surface, gently rolling upland
	Soil 2d rate

Township 30 North, Range 13 West

chains	
	East on Random line bet. Secs. 27 and 34
	Variation 13° 20' East
40.00	Set post. ~~for~~ temporary 1/4 Sec. Corner
80.00	Intersect N and S line at a point 10 lks. N. of corner to Secs. 26. 27. 34 and 35 from which corner I run N 89° 56' West on true line bet. Secs. 27 and 34
	Variation 13° 21' East
40.00	Set post. deposit chained stake. raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Corner to Secs. 27. 28 33 and 34
	Surface gently rolling
	Soil 2d rate

Township 30 North, Range 13 West

chains	
	North- bet. Sec. 27 and 28 Variation 13° 20' East
40.00	Set post, deposit chained stake, raise mound of earth- with- pits as per instructions for 1/4 Sec. Corner -
80.00	Set post, deposit chained stake, raise mound of earth- with- pits as per instructions for corner to Sec. 21. 22. 27 and 28
	Surface gently rolling Soil 2d rate

Township 30 North, Range 13 West

chains	
	East on Random line bet. Sec. 27 and 22 Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner -
79.90	Intersect A and S. line at a point 12 links N. of corner to Sec. 22. 23. 26 and 27 from which corner I run N. 89° 55' West on line line bet. Sec. 27 and 22 Variation 13° 20' East
39.95	Set post, deposit chained stake, raise mound of earth- with- pits, as per instructions for 1/4 Sec. Corner -
79.90	Corner to Sec. 21. 22. 27 and 28
	Surface gently rolling Soil 2d rate

Township 30 North Range 13 West

chains	
	North- bet. Sec. 21 and 22
	Variation 13° 25' East
40.00	Set Port. deposit chained stake. raise mound of earth with- pits as per instructions for 1/4 Sec. Cor
80.00	Set Port. deposit- chained stake. raise mound of earth with- pits. as per instructions for corner to Sec. 15.16.21 and 22
	Surface rolling
	Soil 2nd rate

Township 30 North Range 13 West

chains	
	East on Random line bet. Sec. 15 and 22
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.06	Intersect N and S. line at a point 5 lks. South- of corner to Sec. 14.15.22 and 23 from which corner I run
	S 89° 58' West on bis line bet. Sec. 15 and 22
	Variation 13° 20' East
40.03	Set Port. deposit chained stake. raise mound of earth with- pits. as per instructions for 1/4 Sec. Corner.
80.06	Corner to Sec. 15.16.21 and 22.
	Surface rolling
	Soil 2nd rate -

Township 30 North. Range 13 West

chains	
	North bet. Sec. 15 and 16 Variation 13° 20' East
40.00	Set post, deposit-charred stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
44.08	Ravine descends N.E.
80.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for corner to Sec. 9. 10. 15 and 16
	Surface gently rolling Soil 2d rate -

Township 30 North. Range 13 West

chains	
	East on Random line bet. Sec. 10 and 15 Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
62.00	~~Ravine North~~
80.18	Intersect N and S line at a point 22 lks. S. of corner to Sec. 10. 11. 14 and 15 from which corner I run S 89° 51' West on true line bet. Sec. 10 and 15 Variation 13° 20' East
40.09	Set post, deposit charred stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.18	Corner to Sec. 9. 10. 15 and 16
	Surface rolling Soil 2d rate

Township 30 North Range 13 West

chains	
	North bet. Sec.s 9 and 10
	Variation 13° 20' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor
50.00	Enter Bottom - N.E.
56.00	Stream 10 lks. wide N.E.
66.00	Leave Bottom N.E.
75.00	Enter Bottom N.E. and S.W.
77.00	Stream 20 lks. wide course N.E.
80.00	Set post. deposit chained stake. raise mound of earth with pits as per instructions for corner to Sec.s 3. 4. 9 and 10
	Surface rolling
	Soil 2nd rate

Township 30 North. Range 13 West

chains	
	East on Random line bet. Sec.s 3 and 10
	Variation 13° 25' East
5.00	Creek 15 lks. wide, N.E.
10.00	Leave bottom, N.E. and S.W.
40.00	Set post for temporary 1/4 Sec. Corner.
80.30	Intersect N. and S. line at a point 17 lks. South of corner to Sec.s 2. 3. 10 and 11 from which corner I mark
	S 89° 53' West on true line bet. Sec.s 3 and 10
	Variation 13° 25' East
40.15	Set post. deposit chained stake, raise mound of earth with pits. as per instructions for 1/4 Sec. Cor
80.30	Corner to Sec.s 3. 4. 9 and 10
	Surface rolling
	Soil 2nd rate

Township 30 North. Range 13 West

chains	
	North on Random line bet. Sec. 3 and 4
	Variation 13° 20' East
5.00	Lean bottom, bears N.6 & S.W.
38.00	Ravine S.E.
40.00	Set post. for temporary 1/4 Sec. Corner.
80.80	Intersect North Boundary of Township at a point 30 lks. West of corner to Sec. 3 and 4 from which corner I run
	S 13' West on true line bet. Sec. 3 and 4
	Variation 13° 20' East
40.80	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor
80.80	Corner to Sec. 3. 4. 9. 10
	Surface rolling
	Soil 2d rate.
	Aug 19th

Township 30 North. Range 13 West

chains	
	North bet. Sec. 32 and 33
	Variation 13° 20' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 28. 29. 32 and 33.
	Surface level
	Soil 2d rate

Township 30 North, Range 13 West

chains	
	East on Random line bet Sec. 28 and 33
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.08	Intersect N and S line at a point 15 lks. South of corner to Sec. 27. 28. 33 and 34 from which corner Inn S 89° 54' West on true line bet. Sec. 28 and 33
	Variation 13° 20' East
40.04	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.08	Corner to Sec. 28. 29. 32 and 33.
	Surface level
	Soil 2d rate

Township 30 North, Range 13 West

chains	
	North bet. Sec. 28 and 29
	Variation 13° 20' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 20. 21. 28 and 29.
	Surface level
	Soil 2d rate

Township 30 North. Range 13 West

chains	
	East on Random line bet. Sec. 21 and 28
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner
80.20	Intersect N and S. line at a point 25 lks. South of corner to Sec. 21. 22. 27 and 28 from which corner I run
	S 89° 49' West on true line bet. Sec. 21 and 28
	Variation 13° 20' East
40.10	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.20	Corner to Sec. 20, 21, 28 and 29.
	Surface level - Soil 2d. rate.

Township 30 North. Range 13 West

chains	
	North - bet. Sec. 20 and 21
	Variation 13° 20' East
40.00	Set post. deposit chained stake. raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake. raise mound of earth with pits, as per instructions for corner to Sec. 15. 16. 21 and 22.
	Surface level, Soil 2d. rate.

Township 30 North, Range 13 West

chains	
	East on Random line bet. Sec. 16 and 21 Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.80	Intersect N and S line at a point 45 lks. South of corner to Sec. 15. 16. 21 and 22 from which corner Iron
	S 89° 41' West on bar line bet. Sec. 16 and 21 Variation 13° 20' East
39.90	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
79.80	Corner to Sec. 16. 17. 20 and 21
	Surface level Soil 2nd rate

Township 30 North, Range 13 West

chains	
	North bet. Sec. 16 and 17 Variation 13° 20' East
40.00	Set post. deposit chained stake. raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
43.00	Enter ravine, comes from S.E.
47.00	Leave ravine, descends N.W. comes from S.
50.00	Enter ravine. comes from S.E.
60.00	Leave ravine, descends N.W. comes from S.
80.00	Set post. deposit chained stake raise mound of earth with pits, as per instructions for corner to Sec. 8. 9. 16 & 17
	Surface broken. Soil 2nd rate.

Township 30 North. Range 13 West

Chains	
	East on Random line bet. Sec. 9 and 16
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.25	Intersect N. and S. line at a point 30 lks. South of corner to Sec. 9. 10. 15 and 16 from which point I run S 89° 47' West on line line bet. Sec. 9 and 16
	Variation 13° 25' East
40.12½	Set post. deposit-charred stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
80.25	Corner to Sec. 8. 9. 16. 17
	Surface rolling
	Soil 2nd rate

Township 30 North. Range 13 West

Chains	
	North bet. Sec. 8 and 9
	Variation 13° 25' East
15.50	Enter bottom. N.E. and S.W.
18.50	Stream 10 lks. wide. N.E.
21.00	Leave bottom. N.E. and S.W.
40.00	Set post. deposit-charred stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
63.00	Enter bottom. N.E.
65.80	Stream 10 lks. wide — N.E.
70.00	Leave bottom N.E.
80.00	Set post. deposit-charred stake. raise mound of earth with pits. as per instructions for corner to Sec. 4. 5. 8 and 9
	Surface broken.
	Soil 2nd rate.

Township 30 North, Range 13 West

chains	
	East on Random line bet. Sec. 4 and 9
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner
75.00	Entr bottom, bears N.E. & S.W.
79.90	Intersect N and S line at a point 50 lks. South of corner to Sec. 3. 4. 9 and 10 from which corner I run
	S 89° 39' West on true line bet. Sec. 4 and 9
	Variation 13° 25' East
39.95	Set post. deposit chaned stake raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
79.90	Corner to Sec. 4. 5. 8 and 9
	Surface bottom level Soil 2d rate
	Upland broken 3d rate.

Township 30 North, Range 13 West

chains	
	North on Random line bet. Sec. 4 and 5
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.90	Intersect North Boundary of Township at a point 39 lks. West of corner to Sec. 4 and 5 from which corner I run
	S 17' West on true line bet. Sec. 4 and 5
	Variation 13° 25' East
40.90	Set post. deposit chaned stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.90	Corner to Sec. 4. 5. 8 and 9
	Surface bottom Soil 3d rate

Township 30. North. Range 13 West

chains	
	North bet. Sec. 31 and 32 Variation 13° 25' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 29. 30. 31 and 32
	Surface level Soil 2d rate -

Township 31 North, Range 13 West

chains	
	East on random line bet. Sec. 29 and 32 Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.08	Intersect N. and S. line at a point 20 lks. N. of corner to Sec. 28. 29. 32 and 33 from which corner I run N. 89° 51' West on true line bet. Sec. 29 and 32 Variation 13° 25' East
40.04	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.08	Corner to Sec. 29. 30. 31 and 32.
	Surface, gently rolling upland Soil 2d rate

Township 30 North. Range 13 West

chains	
	West on Random bet Sec. 30 and 31
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner
78.82	Intersect West Boundary of Township at a point 12 lks. South of corner to Sec. 30 and 31 from which corner I run S 89° 55' East on the line bet. Sec. 30 and 31
	Variation 13° 25' East
38.82	Set post. deposit charred stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
78.82	Corner to Sec. 29. 30. 31 and 32.
	Surface rolling
	Soil 2nd rate

Township 30 North. Range 13 West

chains	
	North bet. Sec. 29 and 30
	Variation 13° 25' East
40.00	Set post. deposit charred stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit charred stake, raise mound of earth with pits, as per instructions for corner to Sec. 19. 20. 29 and 30.
	Surface gently rolling
	Soil 2nd rate

Aug 20th

Township 30 North, Range 13 West

chains	
	East on Random line bet. Secs. 20 and 29 Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Cor.
80.45	Intersect N. and S. line at a point 48 lks. N. of corner to Secs. 20. 21. 28 and 29 from which corner I run N. 89° 39' West on true line bet. Secs. 20 and 29 Variation 13° 25' East
40.22 1/2	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor
80.45	Corner to Secs. 19. 20. 29. 30
	Surface level. Soil 2d. rate

Township 30 North. Range 13 West

chains	
	West on Random line bet. Secs. 19 and 30 Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Cor.
79.00	Intersect West Boundary of Township at a point 18 lks. S. of corner to Secs. 19 and 30 from which corner I run S 89° 52' East on true line bet. Secs. 19 and 30 Variation 13° 25' East
39.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
79.00	Corner to Secs. 19. 20. 29. 30.
	Surface rolling Soil 2d. rate.

Township 30 North, Range 13 West

chains	
	North bet. Sec. 19 and 30 Variation 13° 25' East
40.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 17. 18. 19 and 20
	Surface rolling upland Soil 2d rate.

Township 30 North, Range 13 West

chains	
	East on Random line bet. Sec. 17 and 20 Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.65	Intersect N. and S. line at a point 50 lks. N. of corner to Sec. 16. 17. 20 and 21 from which corner I run
	N 89° 39' West on line bet. Sec. 17 and 20 Variation 13° 25' East
40.32½	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.65	Corner to Sec. 17. 18. 19 and 20
	Surface level Soil 2d rate

Township 30 North, Range 13 West

chains	
	West on Random line bet. Sec. 18 and 19 Variation 13° 25' East
3.00	Cross ravine, water in holes. N.
40.00	Set post for temporary 1/4 Sec. Corner.
50.00	Cross ravine. N.E.
79.18	Intersect N and S line at a point 22 lks. South of corner to Sec. 18 and 19 from which corner I run S 89° 51' East on true line bet. Sec. 18 and 19 Variation 13° 25' East
39.18	Set post. deposit chained stake, raise mound of earth with pits, as per instructions, for 1/4 Sec. Corner.
79.18	Corner to Sec. 17. 18. 19 and 20
	Surface rolling Soil 2nd rate

Township 30 North, Range 13 West

chains	
	North bet. Sec. 17 and 18 Variation 13° 25' East
20.00	Drain. West
24.80	Spring Creek, 3 lks. wide. N.E.
40.00	Set post. deposit chained stake raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
46.20	Spring Creek — 6 lks. East
73.70	Cross Creek 10 lks. wide. N.W.
77.00	Same Creek 10 links wide runs N.E.
80.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for Corner to Sec. 7. 8. 17 and 18. in ravine.
	Surface broken Soil 2nd rate

Township 30 North, Range 13 West

Chains	
	East on Random line bet. Sec. 8 and 17
	Variation 13° 25' East
2.00	Cross creek - 10 lks wide N.E.
40.00	Set post for temporary 1/4 Sec. Corner.
60.00	Ravine course North -
80.30	Intersect N and S. line at a point 18 lks. North of corner to Sec. 8. 9. 16 and 17 from which corner I run N 89° 52' West on true line bet. Sec. 8 and 17
	Variation 13° 25' East
40.15	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.30	Corner to Sec. 7.8.17.18
	Surface rolling + broken Soil 2nd rate

Township 30 North, Range 13 West

Chains	
	West on Random line bet. Sec. 7 and 18 (up Ravine S.W.)
	Variation 13° 25' East
20.00	Leave Ravine comes from N.W.
40.00	Set post for temporary 1/4 Sec. Cor.
79.28	Intersect West Boundary of Township at a point 28 lks. N. of corner to Sec. 7 and 18 from which corner I run
	N. 89° 48' East on true line bet. Sec. 7 and 18
	Variation 13° 25' East
39.28	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
79.28	Corner to Sec. 7.8.17.18
	Surface broken. Soil 2nd rate.

Township 30 North, Range 13 West

chains	
	North bet. Sec. 7 and 8
	Variation 13° 25' East
12.00	Cross a ravine N.E.
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
50.00	Stream 10 lks. wide, N.E.
80.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 5. 6. 7 and 8
	Surface rolling.
	Soil 2d rate.

Township 30 North, Range 13 West

chains	
	East on Random line bet. Sec. 5 and 8
	Variation 13° 25' East
37.00	Stream 15 lks. wide, S.E.
40.00	Set port for temporary 1/4 Sec. Corner.
80.20	Intersect N and S. line at port. corner to Sec. 4. 5. 8 and 9 from which corner I run
	West on true line between Sec. 5 and 8.
	Variation 13° 25' East
40.10	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.20	Corner to Sec. 5. 6. 7. 8
	Surface rolling
	Soil 2d rate

Township 30 North, Range 13 West

chains	
	West on Random line bet. Secs. 6 and 7
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.67	Intersect West Boundary at a point 50 lks. South of corner to Secs. 6 and 7 from which corner I run
	S 89° 39' East on true line bet. Secs. 6 and 7
	Variation 13° 25' East
39.67	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
79.67	Corner to Secs. 5. 6. 7. 8
	Surface rolling
	Soil 2nd rate

Township 30 North, Range 13 West

chains	
	North on Random line bet. Secs. 5 and 6
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
42.00	Stream 15 lks. wide S.E.
65.00	Cross ravine - S.W.
80.65	Intersect North Boundary of Township at a point 15 lks. West of corner to Secs. 5 and 6 from which corner I run -
	86' West on true line bet. Secs. 5 and 6
	Variation 13° 25' East
40.65	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.65	Corner to Secs. 5. 6. 7 and 8
	Surface rolling
	Soil 2nd rate
	Aug 21st

Township 30 North. Range 13 West

General Description.

The surface of this Township is rolling, soil generally 1st rate it is well watered by beautiful spring brooks with clear water and gravelly bottom. There is a large amount of 13 mr Oak in the North Eastern portion the Township and well adapted to agriculture.

We hereby certify that we assisted George T. Kendall, deputy surveyor, in surveying and sub-dividing Town. 30 North. Range 13 West, 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.

W. I. Dentley Chainman
H. O. Smith Chainman
A. B. Campbell } axmen mounduan & flagman
W. T. Rogers

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

Rollin L. Smith
Notary Public

I, George T. Kendall, Deputy Surveyor, do solemnly swear that, in performance of a joint contract wherein Chauncey Wilke and George T. Kendall are 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 proper person, and in strict conformity with the instructions furnished by the Surveyor General, the Surveying Manual and Laws of the United States, surveyed all those parts of portions of Township 13 North of Range 13 East of the 6th Principal Meridian, as are represented in the foregoing field notes as having been surveyed under my direction, and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the

with the Surveying Manual and printed instructions, and that the foregoing are the true and original field-notes of such Survey.

Geo. T. Kendall
Deputy Surveyor

Subscribed by said George T. Kendall, Deputy Surveyor, and sworn to before me a Notary Public for Douglas County, State of Nebraska, this 23d day of September 1871.

Rollin L. Smith
Notary Public

Surveyor General's Office
Plattsmouth Oct. 6th 1871

Surveyor Generals Office
Plattsmouth Oct 6th 1871.

The foregoing field Notes of the survey and subdivision of Township 30 North of the Base line of Range 13 West 6th P. M in the State of Nebraska as Executed by George T. Kendall Deputy Surveyor under Joint Contract No 45 Dated June 15th 1871 wherein Chauncy Nelles and George T. Kendall are Joint Contractors with E. E. Cunningham Surveyor General, and in the month of August AD 1871. having been Critically Examined the necessary Corrections and Explanations Made the said field Notes and surveys the Describe are hereby approved

E. E. Cunningham
Surveyor General

Field Notes
of the Survey and Sub-divisions of Township No 31 North of Range No 13 West of the 6th Principal Meridian, in the State of Nebraska. under joint Contract No 45. Nelles and Kendall -
Executed by George T. Kendall
Deputy Surveyor.

Survey commenced Aug. 23 1871
Survey completed - Aug. 27th 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.

W. J. Bentley } Chainmen
H. O. Smith }
A. B. Campbell } Moundmen.
W. T. Rogers } Axmen & Flagman

Town 31 N. Range 13 West 6th P.M.

To determine the proper adjustment of my compass for sub-dividing this Township. I commence at the corner to Townships 30 and 31 N. Ranges 12 and 13 West, and run North on a blank line along the East Boundary of Sec. 36

Variation 13° 30' East

4003 To a point 10 lks W of 1/4 Sec. Corner

8007 To a point 24 lks W of corner to Secs. 25 and 36

To retrace this line, or run parallel thereto, my compass must be adjusted to a

Variation 13° 20' East

Township 31 North. Range 13 West

chains	
	North bet. Sec. 35 and 36
	Variation 13° 20' East
10.00	Stream 20 lks. wide N.E.
20.00	Leave timber & bottom N.E.
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
78.00	Cross ravine N.E.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 23. 26. 35 and 36
	Surface - Bottom level
	Soil 1st rate
	Upland - bluffs, soil 3rd rate
	Good timber. Bur Oak -

Township 31 North. Range 13 West

chains	
	East on Random line bet. Sec. 25 and 36
	Variation 13° 20' East
2.00	Ravine - North -
40.00	Set post for temporary 1/4 Sec. Cor.
52.00	Enter Bottom and timber N
60.00	Stream 20 lks. wide. North
74.00	Leave bottom and timber N
80.18	Intersect East Boundary of Township at a point 20 lks. S. of corner to Sec. 25 and 36 from which corner I run
	S 89° 51' West on true line bet. Sec. 25 and 36
	Variation 13° 20' East
40.09	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.18	Corner to Sec. 25. 26. 35 and 36
	Surface broken - upland
	Soil - 3rd rate
	Bottom level - 1st rate

Township 31 North, Range 13 West

chains	
	North bet. Sec. 25 and 26 Variation 13° 20' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
54.00	Enter Bottom E. and W.
59.50	Stream 10 links wide. East.
66.00	Leave bottom E. and West
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 23. 24. 25 and 26
	Surface broken Soil 3rd rate.

Township 31 North, Range 13 West

	East on Random line bet. Sec. 24 and 25 Variation 13° 20' East
2.00	Enter bottom S.E.
13.00	Stream 2 lks. wide. S.E.
14.00	Sandstone ledge - N. and S.
19.00	Leave bottom. S.E. and N.W.
40.00	Set post for temporary 1/4 Sec. Corner.
80.05	Intersect N. and S. line at a point 15 lks. South of corner to Sec. 24 and 25 from which corner I run S 89° 34' West on true line bet. Sec. 24 and 25 Variation 13° 20' East
40.02½	Set a 3 cornered sand-stone, 8 inches thick, 8 inches wide + 18 inches long, for 1/4 Sec. Cor.
80.05	Corner to Sec. 23. 24. 25 and 26
	Surface broken Soil 3rd rate

Township 31 North. Range 13 West

chains

North bet. Sec. 23 and 24
Variation 13° 20' East

19.00 Enter bottom bearing East
27.00 Stream 15 lks wide. S.E.
30.00 Leave bottom - S.E.
40.00 Set post. deposit chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00 Set post. deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 13. 14. 23 and 24.

Surface bottom level
Soil - 1st rate
Upland timber
" 3d rate

Township 31 North. Range 13 West

chains

East on Random line bet.
Sec. 13 and 24
Variation 13° 20' East

40.00 Set post for temporary 1/4 Sec. Corner -
80.10 Intersect East Boundary of Township at a point 31 lks. S. of corner to Sec. 13 and 24 from which corner Trees
S 89° 47' West on true line bet. Sec. 13 and 24
Variation 13° 20' East

40.05 Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.10 Corner to Sec. 13. 14. 23 and 24.

Surface broken
Soil 3d rate -

Township 31 North. Range 13 West

chains	
	North bet. Sec. 13 and 14
	Variation 13° 20' East
40.00	Set post. deposit chained stake, raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 11. 12. 13 and 14
	Surface broken
	Soil 3rd rate

Township 31 North. Range 13 West

chains	
	East on Random line bet. Sec. 12 and 13
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. corner.
80.10	Intersect East Boundary of Township at a point 40 lks. South of corner to Sec. 12 and 13 from which corner I run
	S 89° 43' West on true line bet. Sec. 12 and 13
	Variation 13° 20' East
40.05	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
80.10	Corner to Sec. 11. 12. 13 and 14
	Surface broken
	Soil 3rd rate

Township 31 North, Range 13 West

chains	
	North bet Secs. 11 and 12
	Variation 13° 20' East
40.00	Set post. deposit-chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit-chained stake, raise mound of earth with pits, as per instructions for corner to Secs. 1. 2. 11 and 12.
	Surface rolling.
	Soil 2d. rate.

Township 31 North, Range 13 West

chains	
	East on Random line bet. Secs. 1 and 12
	Variation 13° 15' East
31.00	Enter ravine from the S.W.
40.00	Post for temporary Cr sec Cor
42.00	Leave ravine - N.E.
62.00	Enter timber bears S.E.
80.15	Intersect East Boundary of Township at a point 20 lks. S. of corner to Secs. 1 and 12 from which corner I run
	S 89° 51' West on true line bet. Secs. 1 and 12
	Variation 13° 15' East
40.07½	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.15	Corner to Secs. 1. 2. 11 and 12
	Surface broken - 3d. rate
	Timber - Bur Oak.

Township 31 North, Range 13 West

chains	
	North on Random line bet. Sec. 1 and 2
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner
80.24	Intersect N. Boundary of Township at a point 20 lks. West of corner to Sec. 1 and 2 from which corner I run
	S 9' West on true line bet. Sec. 1 and 2
	Variation 13° 20' East
40.24	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.24	Corner to Sec. 1. 2. 11 and 12

Surface gently rolling
Soil 2d rate

Aug. 28d

Township 31 North, Range 13 West

chains	
	North bet. Sec. 34 and 35
	Variation 13° 20' East
40.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 26. 27. 34 and 35.

Surface broken
Soil 2d rate

Township 31 North. Range 13 West

chains		
		East on Random line bet. Sec. 26 and 35
		Variation 13° 20' East
40	40.00	Set post for temporary 1/4 Sec. Corner.
80	80.00	Intersect N and S. line at a point 5 lks. S. of corner to Sec. 25. 26. 35 and 36 from which corner I run
		S 89° 58' West on line line bet. Sec. 26 and 35
		Variation 13° 20' East
4	40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
8	80.00	Corner to Sec. 26. 27. 34 + 35.
		Surface broken
		Soil 2d rate

Township 31 North. Range 13 West

chains		
		North bet. Sec. 26 and 27
		Variation 13° 20' East
	40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
	80.00*	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 22. 23. 26 and 27
	*60.00	Enter Bottom N.E. Heavy Bur Oak timber.
	66.00	Creek 15 lks wide N.E.
	70.00	Leave Bottom & timber E.
		Surface broken
		Soil 2d rate

Township 31 North. Range 13 West

chains	
	East on Random line bet Sec. 23 and 26 Variation 18° 20' East
16.00	Cross Creek, 5 lks. wide S.E.
40.00	Set post for temporary 1/4 Sec. Corner.
79.87	Intersect N and S line at a point 11 lks S. of corner to Sec. 23. 24. 25 and 26 from which corner I run S 89° 55' West on line bet. bet. Sec. 23 and 26 Variation 18° 20' East
39.93½	Set post. deposit chained stake, raise mound of earth with pits, as per instructions
79.87	Corner to Sec. 22. 23. 26 and 27

Surface broken
Soil 2d rate

Township 31 North. Range 13 West

chains	
	North bet. Sec. 22 and 23 Variation 18° 20' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
41.00	Creek - water in holes, S.E.
49.00	Creek - water in holes S.W.
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 14. 15. 22 and 23

Surface broken
Soil 2d rate

Township 31 North, Range 13 West

chains

East on Random line
bet. Secs. 14 and 23
Variation 13° 20' East

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

79.74 Intersect N and S line
at a point 18 lks. S. of
corner to Secs. 13. 14. 23
and 24. from which corner
I run
S 89° 52' West on true line
bet. Secs. 14 and 23
Variation 13° 20' East

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

79.74 Corner to Secs. 14. 15. 22
and 23

Surface level
Soil 1st rate

Township 31 North, Range 13 West

chains

North bet. Secs. 14 and 15
Variation 13° 20' East

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

80.00 Set post. deposit chained
stake, raise mound of
earth with pits as
per instructions for
Corner to Secs. 10. 11. 14
and 15

Surface level
Soil 1st rate

Township 31 North, Range 13 West

chains	
	East on Random line bet. Sec. 11 and 14
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.50	Intersect N and S. line at a point 23 lks. S. of corner to Sec. 11. 12. 13 and 14 from which corner I run S. 89° 50' West on this line bet. Sec. 11 and 14
	Variation 13° 20' East
39.75	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
79.50	Corner to Sec. 10. 11. 14. 15
	Surface level
	Soil 1st rate

Township 31 North, Range 13 West

chains	
	North bet. Sec. 10 and 11
	Variation 13° 20' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 2. 3. 10 and 11
	Surface level
	Soil 1st rate

Township 31 North Range 13 West

chains	
	East on Random line bet. Secs. 2 and 11
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Cor.
79.60	Intersect N and S line at a point 30 lks. S. of corner to Secs. 1. 2. 11 and 12 from which corner, I run S 89° 47' West on true line bet. Secs. 2 and 11
	Variation 13° 20' East
39.80	Set post. deposit-chained stake. raise mound of earth-with-pits. as per instructions for 1/4 Sec. Corner.
79.60	Corner to Secs. 2. 3. 10 and 11
	Surface level, 1st rate

Township 31 North Range 13 West

chains	
	North on Random line bet. Secs. 2 and 3.
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
77.00	Ford bed of Stream N.E.
81.00	Intersect North Boundary of Township at a point 24 lks. East of corner to Secs. 2 & 3. from which corner I run S 10' East on true line bet. Secs. 2 and 3
	Variation 13° 20' East
41.00	Set post, deposit-chained stake. raise mound of earth-with-pits, as per instructions for 1/4 Sec. Corner.
81.00	Corner to Secs. 2. 3. 10. 11
	Surface level
	Soil 1st rate

Aug 24th

Township 31 North. Range 13 West

chains	
	North bet. Sec. 33 and 34 Variation 13° 20' East
40.00	Set post. deposit-chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit-chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 27. 28. 33 and 34
	Surface broken Soil 2d rate

Township 31 North. Range 13 West

chains	
	East on Random line bet. Sec. 27 and 34 Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.75	Intersect N and S. line at a point 10 lks. E. of corner to Sec. 26. 27. 34 and 35, from which corner I run S 89° 56' West on true line bet. Sec. 27 and 34 Variation 13° 20' East
39.87½	Set post. deposit-chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner
79.75	Corner to Sec. 27. 28. 33 and 34
	Surface broken Soil 2d rate

Township 31 North. Range 13 West

chains	
	North bet. Sec. 27 and 28 Variation 13° 20' East
40.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Cor.
43.00	Enter bottom & timber, N.E. and S.W.
45.00	Creek 10 lks. wide, heavy timber on creek. N.E.
47.00	Leave bottom & timber, N.E. and S.W. (Cottonwood timber)
80.00	Set post, deposit chained stake, raise mound of earth with pits; as per instructions for Corner to Sec. 21. 22. 27 and 28
	Surface rolling Soil 2nd rate Timber - Cottonwood & oak

Township 31 North. Range 13 West

chains	
	East on Random line bet. Sec. 22 and 27 Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
42.00	Enter Cottonwood timber S.E.
45.00	Creek 12 lks. wide, S.E. leave timber
79.80	Intersect N. and S. line at a point 8 lks. South of corner to Sec. 22. 23. 26 and 27 from which corner. I run S 89° 57' West on true line bet. Sec. 22 and 27 Variation 13° 20' East
39.90	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
79.80	Corner to Sec. 21. 22. 27. 28.
	Surface broken Soil 2nd rate

Township 31 North. Range 13 West

chains	
	North bet. Sect. 21 and 22
	Variation 13° 20' East
17.00	Creek 10 lks wide S.E.
22.00	Creek 10 lks wide S.E.
40.00	Set post. deposit-chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Cor.
80.00	Set post. deposit-chained stake. raise mound of earth with pits. as per instructions for corner to Sect. 15. 16. 21. and 22
	Surface rolling.
	Soil 2nd rate.

Township 31 North. Range 13 West

chains	
	East on Random line
	bet. Sect. 15 and 22
	Variation 13° 20' East
40.00	Set post for Temporary 1/4 Sec. Corner.
79.25	Intersect N. and S. line at a point 12 lks S. of corner to Sect. 14. 15. 22 and 23 from which corner Orun.
	S 89° 55' West on true line
	bet Sect. 15 and 22
	Variation 13° 20' East
39.62½	Set post. deposit-chained stake. raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
79.25	Corner to Sect. 15. 16. 21 and 22.
	Surface rolling
	Soil 2nd rate

Township 31 North. Range 13 West

chains	
	North bet. Sec. 15 and 16 Variation 13° 20' East
40.00	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post, deposit chained stake. raise mound of earth with pits. as per instructions for corner to Sec. 9. 10. 15 and 16
	Surface rolling Soil 2nd rate

Township 31 North. Range 13 West

chains	
	East on Random line bet. Sec. 10 and 15 - Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.30	Intersect N and S line at a point 18 lks. S. of corner to Sec. 10. 11. 14 and 15 from which corner I run S 89° 52' West on line bet. Sec. 10 and 15 Variation 13° 20' East
39.65	Set post. deposit chained stake. raise mound of earth with pits. as per instructions for 1/4 Sec. Corner.
79.30	Corner to Sec. 9. 10. 15 and 16
	Surface rolling Soil 2nd rate

Township 31 North Range 13 West

Chains	
	North- bet. Sec. 9 and 10 Variation 13° 20' East
40.00	Set post. deposit-chained stake. raise mound of earth- with- pits. as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit-chained stake. raise mound of earth- with- pits. as per instructions for Corner to Sec. 3. 4. 9 and 10
	Surface rolling Soil 2nd rate

Township 31 North, Range 13 West

Chains	
	East on Random line bet. Sec. 3 and 10 Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.65	Intersect N and S. line at a point 15 lks. S. of corner to Sec. 2. 3. 10 and 11 from which corner I run S 89° 54' West on line bet. Sec. 3 and 10 Variation 13° 20' East
39.82½	Set post. deposit-chained stake. raise mound of earth- with- pits. as per instructions for 1/4 Sec. Corner.
79.65	Corner to Sec. 3. 4. 9 and 10
	Surface rolling Soil 2nd rate

Township 31 North, Range 13 West

chains	
	North on Random line bet. Sec. 3 and 4
	Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.80	Intersect North Boundary of Township at a point 30 lks. East of corner to Sec. 3 and 4 from which corner I run S 13' East on line bet. Sec. 3 and 4
	Variation 13° 20' East
40.80	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Cor.
80.80	Corner to Sec. 3.4.9.10
	Surface rolling Soil 2 v. rate

Aug 25th

Township 31 North, Range 13 West

chains	
	North bet. Sec. 32 and 33 -
	Variation 13° 25' East
20.00	Enter wide prairie, S.E.
24.51	Leave same prairie S.E.
40.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 28. 29. 32 and 33
	Surface rolling Soil 2 v. rate

Township 31 North. Range 13 West

chains	
	East on Random line bet. Sec. 28 and 33
	Variation 13° 20' East
39.00	Enter ravine bears Walkoon trees East.
40.00	Set post for temporary 1/4 Sec. Corner.
43.00	Leave ravine N.E.
80.10	Intersect N. and S line at a point 20 lks. N. of corner to Sec. 27. 28. 33 and 34. from which corner I run
	N. 89° 51' West on true line bet. Sec. 28 and 33
	Variation 13° 20' East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.10	Corner to Secs. 28. 29. 32 and 33
	Surface rolling Soil 2nd rate

Township 31 North. Range 13 West

chains	
	North bet. Sec. 28 and 29
	Variation 13° 20' East
31.00	Enter bottom bears East
34.00	Stream 6 lks. bears East
36.00	Leave bottom bears East
40.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
70.00	Ravine East
80.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 20. 21. 28 and 29
	Surface rolling Soil 2nd rate

Township 31 North, Range 13 West

chains	
	East on Random line bet. Sec. 21 and 28 Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner -
80.00	Intersect N and S line at a point 10 lks. South of corner to Sec. 21.22.27. 28 from which corner I run
	S. 89° 56' West on line bet. Sec. 21 and 28. Variation 13° 20' East
40.00	Set post deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Corner to Sec. 20.21.28 and 29
	Surface rolling Soil 1st rate

Township 31 North, Range 13 West

chains	
	North - bet. Sec. 20 and 21 Variation 13° 20' East
25.00	Ranie - East
40.00	Set post. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for ~~corner to Sec.~~ 16.17. 20 and 21.
	Surface rolling Soil 1st rate

Township 31 North, Range 13 West

chains	
	East on Random line bet. Secs. 16 and 21
	Variation 13° 20' East
40.00	Set port for temporary 1/4 Sec. Corner –
79.87	Intersect N. and S. line at a point 15 lks. S. of corner to Secs. 15, 16. 21. 22 from which corner Trun S 89° 54' West on true line bet. Secs. 16 and 21
	Variation 13° 20' East
39.93 1/2	Set port. deposit chained stake, raise mound of earth – with – pits, as per instructions for 1/4 Sec. Corner –
79.87	Corner to Secs. 16. 17. 20 and 21
	Surface rolling
	Soil 2d rate

Township 31 North. Range 13 West

chains	
	North – bet Secs. 16 and 17
	Variation 13° 20' East
40.00	Set port. deposit chained stake, raise mound of earth – with – pits – as per instructions for 1/4 Sec. Corner.
80.00	Set port. deposit chained stake. raise mound of earth – with – pits, as per instructions for corner to Secs. 8. 9. 16 and 17.
	Surface rolling –
	Soil 1st rate.

Township 31 North, Range 13 West

chains	
	East on Random line bet. Sec. 9 and 16 Variation 13° 20' East
40.00	Set post, for temporary 1/4 Sec. Corner —
79.90	Intersect N and S. line at a point 20 lks. S. of corner to Sec. 9.10.15 and 16 from which corner I run S 89° 51' West on true line bet. Sec. 9 and 16 Variation 13° 20' East
39.95	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
79.90	Corner to Sec. 8.9.16 and 17
	Surface level Soil 1st rate

Township 31 North, Range 13 West

chains	
	North - bet Sec. 8 and 9 Variation 13° 20' East
40.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post, deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 4. 5. 8 and 9.
	Surface level Soil 1st rate

Township 31 North, Range 13 West

chains	
	East on Random line bet. Sec. 4 and 9 Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner –
80.30	Intersect 1st and 8 line at a point 10 lks. S. of corner to Secs. 3. 4. 9 and 10 from which corner I run S 89° 56' West on true line bet. Secs. 4 and 9 Variation 13° 20' East
40.15	Set post. deposit chained stake, raise mound of earth, with pits, as per instructions for 1/4 Sec. Cor.
80.30	Corner to Secs. 4. 5. 8 and 9
	Surface level Soil 1st rate

Township 31 North, Range 13 West

chains	
	North on Random line bet. Secs. 4 and 5 Variation 13° 20' East
40.00	Set post for temporary 1/4 Sec. Corner –
80.60	Intersect N. Boundary of Town at a point 10 lks. E. of corner to Secs. 4 and 5 from which corner I run S 4' East on true line bet. Secs. 4 and 5 Variation 13° 20' East
40.60	Set post. deposit chained 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 level Soil 1st rate

Township 31 North. Range 13 West

Chains	
	North bet. Sec. 31 and 32 Variation 13° 25' East
40.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.00	Set post. deposit chained stake, raise mound of earth with pits as per instructions for corner to Sec. 29.30 31 and 32.
	Surface gently rolling Soil 1st rate

Township 31 North. Range 13 West

Chains	
	East on Random line bet. Sec. 29 and 32 Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.20	Intersect N and S. line at a point 10 lks. N. of corner to Sec. 28. 29. 32 and 33. from which corner I run N 89° 56' West on line bet. Sec. 29 and 32 Variation 13° 25' East
40.10	Set post. deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner.
80.20	Corner to Sec. 29.30. 31 and 32.
	Surface gently rolling Soil 1st rate

Township 31 North, Range 13 West

chains	
	West on Random line bet. Sec. 30 and 31
	Variation 13° 30' East
40.00	Set post for temporary 1/4 Sec. Corner -
79.75	Intersect West Boundary of Township at post. Corner to Sec. 30 and 31 from which corner Run East on true line bet.
	Sec. 30 and 31
	Variation 13° 30' East
39.75	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner -
79.75	Corner to Sec. 29. 30. 31 and 32.
	Surface gently rolling Soil 1st rate.

Township 31 North, Range 13 West

chains	
	North - bet. Sec. 29 and 30
	Variation 13° 25' East
40.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner -
80.00	Set port. deposit chained stake, raise mound of earth with pits, as per instructions for corner to Sec. 19. 20. 29 and 30.
	Surface gently rolling Soil 1st rate -

Aug 26th -

Township 31 North, Range 13 West

chains

East on Random line
bet. Sec. 20 and 29
Variation 18° 20' East

40.00 Set post for temporary 1/4
Sec. Corner

80.50 Intersect N. and S. line
at a point 15 lks. S. of
corner to Sec. 20. 21. 28.
and 29 from which corner
I run
S 89° 54' West on true line
bet. Sec. 20 and 29
Variation 18° 20' East

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

80.50 Corner to Sec. 19. 20. 29
and 30
Surface gently rolling
Soil 1st rate

Township 31 North, Range 13 West

chains

West on Random line
bet. Sec. 19 and 30
Variation 13° 25' East

40.00 Set post for temporary
1/4 Sec. Corner

80.04 Intersect West Boundary
of Township at a point
11 lks. N. of corner to Sec.
19 and 30 from which corner
I run
N. 89° 55' East on true line
bet. Sec. 19 and 30
Variation 18° 25' East

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

80.04 Corner to Sec. 19. 20. 29.
30.
Surface gently rolling
Soil 1st rate

Township 31 North. Range 13 West

chains	
	North- bet. Secs 19 and 20 Variation 13° 25' East
40.00	Set post. deposit chained stake, raise mound of earth- with- pits, as per instructions for 1/4 Sec. Corner.
80.00	Set post, deposit chained stake, raise mound of earth- with- pits, as per instructions for corner to Secs. 17, 18, 19, 20
	Surface gently rolling Soil 1st rate

Township 31 North. Range 13 West

chains	
	East on Random line bet. Secs 17 and 20 Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner —
80.60	Intersect N and S. line at a point 10 lks South of corner to Secs. 16. 17. 20 and 21 from which corner I run S 89° 56' West on true line bet. Secs. 17 and 20 Variation 13° 20' East
40.30	Set post, deposit chained stake, raise mound of earth- with- pits, as per instructions for 1/4 Sec. Corner —
80.60	Corner to Secs. 17. 18. 19. 20
	Surface gently rolling Soil 1st rate

Township 31 North, Range 13 West

chains	
	West on Random line bet. Secs. 18 and 19 Variation 18° 25' East
40.00	Set post for temporary 1/4 Sec. Corner
80.25	Intersect West Boundary of Township at a point 30 lks. N. of corner to Secs. 18 and 19 from which corner I run N 89° 47' East on true line bet. Secs. 18 and 19 Variation 18° 25' East
40.25	Set post, deposit chained stake, raise mound of earth with pits as per instructions for 1/4 Sec. Corner
80.25	Corner to Secs. 17. 18. 19 and 20

Surface gently rolling
Soil 1st rate

Township 31 North, Range 13 West

chained	
	North bet. Secs. 17 and 18 Variation 18° 25' East
40.00	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set post, deposit chained stake raise mound of earth with pits, as per instructions for corner to Secs. 7. 8. 17 and 18.

Surface gently rolling
Soil 1st rate

Township 31 North. Range 13 West

chains	
	East on Random line bet. Sec. 8 and 17
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner
80.55	Intersect N. and S. line at a point 30 lks. N. of corner to Sec. 8. 9. 16 and 17 from which corner I run
	N 89° 47' West on true line bet. Sec. 8 and 17
	Variation 13° 25' East
40.27½	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner
80.55	Corner to Sec. 7. 8. 17 and 18
	Surface gently rolling
	Soil 2nd rate

Township 31 North. Range 13 West

chains	
	West on Random line bet. Sec. 7 and 18
	Variation 13° 25' East
40.00	Set post for temporary 1/4 Sec. Corner
80.14	Intersect West Boundary of Township at a point 8 lks. S. of corner to Sec. 7 and 18 from which corner I run
	S 89° 57' East on true line bet 7 and 18
	Variation 13° 25' East
40.14	Set post, deposit chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner
80.14	Corner to Sec. 7. 8. 17. 18
	Surface gently rolling
	Soil 1st rate

Township 31 North, Range 13 West

chains	
	North bet. Secs. 7 and 8 Variation 13° 25' East
40.00	Set port, deposit-chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner.
80.00	Set port, deposit-chained stake, raise mound of earth with pits, as per instructions for corner to Secs. 5, 6, 7 and 8.
	Surface gently rolling Soil 2d rate.

Township 31 North, Range 13 West

chains	
	East on Random line bet. Secs. 5 and 8 Variation 13° 20' East
40.00	Set port, for temporary 1/4 Sec. Corner
80.50	Intersect N and S. line at a point 40 lks. N. of corner to Secs. 4, 5, 8 and 9 from which corner Inn N. 89° 43' West on true line bet. Secs. 5 and 8 Variation 13° 20' East
40.25	Set port, deposit-chained stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Co.
80.50	Corner to Secs. 5, 6, 7, 8
	Surface level Soil 1st rate

Township 31 North. Range 13 West

chains	
	West on Random line bet. Secs. 6 and 7
	Variation 18° 25' East
40.00	Set post for temporary 1/4 Sec. Corner.
79.75	Intersect West Boundary of Township at a point 20 lks. S. of corner to Secs. 6 and 7 from which corner I run
	S 89° 51' East on true line bet. Secs. 6 and 7
	Variation 18° 25' East
39.75	Set post, deposit chaned stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner —
79.75	Corner to Secs. 5. 6. 7 and 8

Surface gently rolling
Soil 2d rate

Township 31 North. Range 13 West

chains	
	North on Random line bet. Secs. 5 and 6
	Variation 13° 26' East
40.00	Set post for temporary 1/4 Sec. Corner.
80.03	Intersect N. Boundary of Township at a point 25 lks. West of corner to Secs. 5 and 6 from which corner I run
	S 11' West on true line bet. Secs. 5 and 6
	Variation 13° 26' East
40.03	Set post, deposit chaned stake, raise mound of earth with pits, as per instructions for 1/4 Sec. Corner —
80.03	Corner to Secs. 5. 6. 7 and 8

Surface gently rolling
Soil 2d rate

Aug 27th

Township 31 North, Range 13 West

General Description.

The surface of this Township is rolling. The soil generally 1st rate. It is well watered by beautiful spring brooks with clear water and gravelly bottom. all skirted with Bur Oak and Cottonwood timber and well adapted to agriculture. There is a large grove of timber in the eastern portion of 1 and 12.

We hereby certify that we assisted George T. Kendall deputy surveyor, in surveying and sub-dividing Township No 31 North of Range 13 West 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,

W. S. Dentley } Chainman
H. O. Smith } Chainman
A. B. Campbell } axman
W. T. Rogers } moundman & flagman

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

Rollin C. Smith
Notary Public

I, George T. Kendall, deputy Surveyor, do solemnly swear that, in pursuance of a joint contract wherein Chauncey Willey and George T. Kendall are 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, and in strict accordance 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 31 South of Range 13 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 Township surveys have been established and perpetuated in strict accordance with the Surveying Manual and proper instructions, and that the foregoing are the true and original field-notes of such survey.

George T. Kendall
Deputy Surveyor

Subscribed by George T. Kendall, Deputy Surveyor, and sworn to, before me a Notary Public for Douglas County, State of Nebraska, this the 2d day of September 1871.

Rollin A. Smith
Notary Public

Office
Surveyor General
Nebraska Oct 6th 1871

The foregoing field Notes of the Survey and Subdivision of Township No 31 North of the Base Line of Range No 13 West 6th Principal Meridian in the State of Nebraska as Executed by George T. Kendall Deputy Surveyor under Joint Contract No 115. Dated June 10th a.d. 1871. wherein Chauncey White and Geo. T. Kendall are Joint Contractors with E. E. Cunningham Surveyor General. and in the month of August 1871 having been critically Examined the Necessary Corrections and explanations made the said Field Notes and the Surveys they describe are hereby approved

E. E. Cunningham
Surveyor General.

Field Notes.
of the
Survey and Sub-divisions
of Township No 32 North
Range No 13 West of the
6th principal meridian
in the State of Nebraska

Executed by William N. Richards
Deputy Surveyor

Survey commenced Aug 2, 1871
Survey completed July 6, 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 } Mountdeman
L. A. Pannehill } and Axeman
E. L. Wattemyre } 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 in Ranges 12 & 13 and run.

North on a blank line between Sec's 31 and 36
Va. 13°30' E.

40.06 To a point 10 links West of 1/4 sec. corner.

80.13 To a point 23 links West of corner to sections 25 & 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 13 West

Chains	
	North Bet. Sec's 35 and 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.
56.00	Ravine bearing N. W.
71.00	Bed of dry stream course N. W.
80.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for corner to sec's 25, 26, 35 and 36.
	Surface rolling
	Soil 2nd rate

Township 32 North Range 13 West

Chains	
	East on a Random line Bet. Sec's 25 and 36 Va 13° 20' E.
40.00	Set post, for temporary 1/4 sec corner.
80.20	Intersect East boundary of Township at a point 15 links South of the corner to sec's 25 and 36 from which corner I run S. 89° 54' W. on true line Bet. Sec's 25 and 36 Va 13° 20' E.
40.10	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner.
80.20	Corner to sec's 25, 26, 35 and 36.
	Surface rolling
	Soil 2nd rate.

Township 32 North. Range 13. West

chains	
	North Bet. Sec. 25 and 26 Va 13° 20' E.
35.00	Bed of dry stream course N. E.
40.00	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner
55.00	Bed of dry stream course N. W.
80.00	Set post deposit charred stake raise mound of earth with pits as per instructions for the corner to Sec's 23, 24, 25 and 26
	Surface rolling
	Soil 2nd rate

Township 32 North. Range 13. West

chains	
	East on a random line Bet. Sec's 24 and 25 Va 13° 20' E
40.00	Set post for temporary 1/4 Sec corner.
80.30	Intersect East bound gry of Township at a point 20 links South the corner to Sec's 24 and 25 from which corner I run S. 89° 51' W. on true line bet Sec's 24 and 25 Va 13° 20' E.
40.15	Set post deposit charred stake, raise mound of earth with pits as per instructions for 1/4 Sec corner
80.30	The corner to Sec's 24, 25, 23 and 26.
	Surface rolling
	Soil 2nd rate.

Township 32 North. Range 13 W.

chains	
	North bet. Sec's 23 & 24 Va 13° 20' E
40.00	Set post deposit charred stake raise mound of earth with pits &c as per instructions for 1/4 Sec corner
56.00	Enter bottom bearing N.E. and S.W.
57.80	Stream 5 links wide runs E.
60.00	" " " " W.
61.00	Leave bottom bearing W. & S.E.
76.00	Enter bottom bearing N.E. & S.W.
77.10	Stream 5 links wide runs E.
80.00	Set post deposit charred stake raise mound of earth with pits &c as per instructions for the corner to Sec's 13, 14, 23 and 24.

Surface broken

Soil 2nd rate

Township 32 North Range 13 West

chains	
	East on random line between Sec's 13 and 24 Va 13° 20' E
2.20	Stream 5 links wide runs West
3.00	Leave bottom bearing N. & S.
40.00	Set post for temporary 1/4 Section corner
80.38	Intersect East boundary of Township at a point 20 links South of the corner to Sec's 13 and 24 from which corner a line S 89° 47' W. on true line bet. Sec's 13 and 24 Va 13° 20' E.
40.19	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner
80.38	The corner to Sec's 13, 14, 23 and 24

Surface broken & Soil 2nd rate

A few scattering cottonwoods on bank of stream

Township 32 North. Range 13. West

chains	
	North bet. sec's 13 and 14 Va 13° 20
1.50	Leave bottom bearing N.E. & S.W.
40.00	Set post deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
80.00	Set post deposit charred stake, raise mound of earth with pits as per instructions for the corner to Sec's 11, 12, 13, & 14
	Surface broken to 1/4 sec corner from that point rolling Soil 2nd rate

Township 32 North. Range 13 West

chains	
	East on a random line bet. sec's 12 and 13 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner
80.30	Intersect East boundary of Township at a point 25 links South of the corner to Sec's 12 & 13, from which corner I run S 89° 49' W. on true line bet. sec's 12 & 13 Va 13° 26' E.
40.15	Set post, deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
80.30	The corner to Sec's 11, 12, 13, & 14
	Surface rolling Soil sandy 3rd rate.

Township 32 North. Range 13. West

chains	
	North bet. Sec's 11 & 12 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 1, 2, 11, & 12
	Surface, rolling
	Soil sandy 3rd rate

Township 32 North. Range 13. West

chains	
	East on random line between Sec's 1 & 12 Va 13° 20' E.
40.00	Set post for temporary 1/4 Sec corner
80.40	Intersect East boundary of Township at a point 20 links North of the corner to Sec's 1 & 12; from which corner a pine N. 89° 51' W. on true line. Bet. Sec's 1 & 12 Va 13° 20' E
40.20	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 Sec corner
80.40	The corner to Sec's 1, 2, 11, & 12
	Surface rolling
	Soil sandy 3rd rate

Township 32. North. Range 13. West

chains	
	North on a ~~true~~ line Between Sec's 1 and 2 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
84.75	Intersect 8th Standard Parallel 2 chains and 70 links West of 1/4 Sec corner, on South side of Sec. 36, Township 33 North, Range 13. West, Set post deposit charred stake raise mound of earth with pits as per instructions for closing corner to Sec's 1 and 2 Township 32. North Range 13. West
	Aug 22, 1871
	Surface rolling
	Soil Sandy 3rd rate

Township 32. North. Range 13. West

chains	
	North Bet Sec's 34 and 35 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 26. 27. 34, and 35
	Surface rolling
	Soil 2nd rate.

Township 32 North. Range 13. West

chains.	
	East on Random line Bet Sec'd 26 and 35 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner
50.15	Bed of Dry stream bearing N. E.
80.15	Intersect N. & S line at a point 10 links North of the corner to Sec'd 26. 26. 35 and 36 from which corner I run N. 89° 56' W. on true line bet' Sec'd 26. and 35 Va 13° 20' E.
40.07½	Set post. deposit charred stake. raise mound of earth with pits as per instructions for 1/4 sec corner
80.15	The corner to Sec'd 26. 27. 34. and 35.
	Surface rolling Soil sandy 3rd rate

Township 32 North Range 13. West

chains.	
	North Bet Sec'd 26 and 27 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
56.00	Bed of Dry stream. Water in holes course N. E.
80.00	Set post. deposit. charred stake raise mound of earth with pits as per instructions for the corner to Sec'd 22. 23, 26, and 27.
	Surface rolling Soil 2nd rate.

Township 32 North. Range 13. West

chains	
	East on a random line Bet sec's 23 and 26 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner
41.70	Bed of dry stream. Water in holes course N. E.
68.10	Bed of dry stream. Water in holes course N. W.
80.10	Intersect N. & S. line 12 links North of corner to sec's 23, 24, 25 and 26. from which corner I run S. 89° 55' W. on true line bet sec's 23 and 26. 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	The corner to sec's 22, 23, 26, & 27 Surface rolling. Soil sandy 3rd rate

Township 32 North. Range 13, West

chains	
	North bet sec's 22 & 23 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 14, 15, 22 & 23.
	Surface rolling Soil sandy 3rd rate

Township 32 North. Range 13. West

chains	
	East on Random line Between Sec's 14 and 23 Va 13° 20' E.
4 40.00	Set post for temporary 1/4 Sec corner
4 78.60	Leave bottom bearing N. E. & S. W.
80.10	Intersect N. & S. line at a point 8 links
6	N. of corner to Sec's 13, 24, 14, and 23 from which corner I run
	S. 89° 57' W. on true line between Sec's 14 & 23 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
4	
80.10	The corner to Sec's 14, 15, 22 & 23
	Surface rolling
8	Soil sandy 3rd rate

Township 32 North Range 13. West

chains	
	North bet. Sec's 14 & 15 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 10, 11, 14, & 15
	Surface rolling
	Soil sandy 2nd rate

Township 32 North, Range 13 West

chains	
	East on a random line between sec's 11 & 14
	Va 13° 20' E
40.00	Set post for temporary 1/4 sec corner
80.25	Intersect N. & S. line at a point 5 links south of the corner to sec's 11, 12, 13, & 14 from which corner a pine S. 89° 58' W. on true line between sec's 11 & 14.
	Va 13° 20' E
40.12½	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner.
80.25	Corner to sec's 10, 11, 14, & 15
	Surface rolling
	Soil sandy 2nd rate

Township 32 North Range 13 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
49.00	Stream 10 links. runs N. E.
51.00	" " " " N. W.
55.00	" " " " N. E.
80.00	Set post deposit charred stake raise mound of earth with pits as per instructions for corner to sec's 2, 3, 10, & 11.
	Surface rolling
	Soil sandy 2nd rate

Township 32 North Range 13. West

chains	
	East on a Random line Set Sec'l 2 & 11. Va 13° 20' E.
11.00	Stream 10 links wide runs N. E.
40.00	Set post for temporary 1/4 sec corner.
80.30	Intersect N. & S. line at a point 12 links South of the corner to Sec'ls 1, 2, 11, & 12 from which corner I run S. 89° 55' W. on true line Set Sec'ls 2 & 11 Va 13° 20' E
40.15	Set post, deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner.
80.30	Corner to Sec'ls 2, 3, 10, & 11.

Surface rolling
Soil sandy 2d rate

Township 32 North Range 13. West

chains	
	North on true line Set Sec'ls 2 and 3. 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
84.54	Intersect 8th Standard Parallel at a point 3.80 chains West of 1/4 sec corner on South side of section 35 Township 33, North, Range 13 West, Set post deposit charred stake raise mound of earth with pits as per instructions for closing corner Sec'ls 2 & 3 Township 32 North Range 13 West Aug 3d 1841

Surface rolling

Soil sandy worthless.

Township 32 North. Range 13. West

chains	
	North bet Sec's 33 and 34 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 27. 28. 33, and 34
	Surface rolling
	Soil 2nd rate upland

Township 32 North. Range 13. West

chains	
	East on Random line Bet. Sec's 27 and 34 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner
80.20	Intersect N. & S. line at a point 30 links South of the corner to Sec's 26, 27. 34, and 35 from which corner I rend S. 89° 47' W. on true line Between Sec's 27 and 34 Va 13° 20' E.
40.10	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
80.20	Corner to Sec's 27. 28. 33 and 34
	Surface rolling
	Soil 2nd rate upland

Township 32. North. Range 13. West

chains	
	North bet. secs 27 and 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 rolling
	Soil 2nd rate

Township 32. North. Range 13. West

chains	
	East on Random line Between secs 22 and 27 Va 13°20' E.
40.00	Set post for temporary 1/4 sec corner
80.10	Intersect N. & S. line at a point 15 links South of corner to secs 22, 23, 26, and 27; from which corner I run S. 89°54' W. on true line bet. secs 22 and 27. 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	The corner to secs 21. 22, 27, and 28.
	Surface rolling
	Soil 2nd rate

Township 32 North. Range 13. West

chains	
	North bet' sec's 21 and 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
67.10	Stream 5 links wide runs N. E.
68.60	" " " " " N. W.
72.30	" " " " " N. E.
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, and 22.

Surface rolling

Soil 2nd rate

Township 32 North. Range 13. West

chains	
	East on @ Random line bet' sec's 15 and 22
	Va 13° 20' E.
7.96	Stream 5 links wide runs N. E.
40.00	Set post for temporary 1/4 sec corner
79.96	Intersect N. & S. line 18 links South of the corner to sec's 14, 15, 22, and 23, from which corner I run S. 89° 52' W. on true line bet' sec's 15 and 22.
	Va 13° 20' E.
39.98	Set post deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
79.96	Corner to sec's 15, 16, 21, and 22

Surface rolling

Soil 2nd rate.

Township 52 North, Range 18 West

Chains	
	North bet. Sec. 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 Sec's 9, 10, 15 & 16.
	Surface rolling
	Soil 2nd rate

Township 52 North. Range 18 West

Chains	
	East on a random line bet. Sec's 10 & 15 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner
46.00	Stream 5 links cross. N. E.
79.80	Intersect N. & S. line at a point 21 links S. of the corner to Sec's 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 deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner.
79.80	Corner to Sec's 9, 10, 15, & 16.
	Surface rolling
	Soil 2nd rate.

Township 32. North. Range 13. West

chains	
	North bet' sec's 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 sec's 3, 4, 9, & 10.
	Surface rolling Soil 2nd rate

Township 32, North, Range 13. 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.
79.60	Intersect N. & S. line at a point 30 links S. of the corner to sec's 2, 3, 10, & 11. from which corner I run S. 89° 47' W. on true line Bet' sec's 3 & 10. Va 13° 20' E.
39.80	Set post. deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner.
79.60	The corner to sec's 3, 4, 9, & 10
	Surface rolling Soil sandy 3rd rate

Township 32 North, Range 13 West

chains	
	North on true line between Sec's 3 & 4 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
59.00	Enter bottom bearing E. & W.
60.00	Stream 10 links wide runs E.
60.30	Leave bottom bearing E. & W.
84.90	Intersect 5th Standard Parallel 2 chains and 30 links west of 1/4 sec corner on south side of Sec 34 Township 33 North, Range 13 West, set post deposit charred stake raise mound of earth with pits as per instructions for closing corner to Sec's 3 & 4 Township 32 North Range 13 West. Aug 4th 1871
	Surface rolling Soil 2nd rate.

Township 32 North, Range 13 West

chains	
	North bet. Sec's 32 and 33 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 28, 29, 32 and 33.
	Surface rolling Soil 2nd rate.

Township 32. North. Range 13. West

chains	
	East on a random line bet. sec.s 28 and 33 Va 18° 20' E.
40.00	Set post for temporary 1/4 sec corner.
59.40	Ravine bearing N.W. & S.
79.20	Intersect N. & S. line at a point 10 links N. of the corner to sec.s 27, 28, 33 and 34, from which corner I run N. 89° 56' W. on true line bet. sec.s 28 and 33. Va 13° 20' E.
39.60	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
79.20	The corner to sec.s 28 29. 32. & 33

Surface rolling

Soil 2nd rate

Township 32. North. Range 13. West

chains	
	North bet. sec.s 28 and 29 Va 18° 20' E
40.00	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
40.20	Ravine bearing N. E.
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 rolling

Soil 2nd rate

Township 32 North, Range 13. West

chains	
	East on a random line between sec^s 21 and 28 Va 13° 20' E
17.55	Ravine bearing N. E.
40.00	Set post for temporary 1/4 sec corner
54.60	Intersect N. 85 line at a point 17 links North of the corner to sec^s 21.22.27 and 28 from which corner I run N. 89° 53' W. on true line Bet^n sec^s 21 and 28 Va 13° 20' E.
39.80	Set post, deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
74.60	Corner to sec^s 20.21.28 & 29

Surface rolling
Soil 2nd rate

Township 32 North, Range 13. West

chains	
	North bet^n sec^s 20 and 21 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 16, 17, 20, and 21

Surface rolling
Soil sandy 2nd rate

chains	
	East on a random line bet Sec's 16 and 21 Va 13° 20' E
40.00	Set post for temporary 1/4 sec corner
79.60	Intersect N. & S. line at a point 29 links N. of the corner to Sec's 15, 16, 21 and 22 from which corner I run N. 89° 48' W. on true line bet Sec's 16 and 21 Va 13° 20' E
39.80	Set post deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
79.60	The corner to Sec's 16, 17, 20, and 21.

Surface rolling

Soil 2nd rate

chains	
	North bet Sec's 16 & 17 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 8, 9, 16, and 17.

Surface, rolling

Soil 2nd rate

Township 32 North, Range 13 West

chains	
	East on random line bet' sec's 9, & 16 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec corner
79.70	Intersect N. & S. line at a point 19 links N. of the corner to sec's 9, 10, 15, and 16, from which corner I run, N. 89° 52' W. on the line bet' sec's 9, & 16 Va 13° 20' E.
39.85	Set post, deposit charred stake raise mound of earth with pits as per instructions for the corner to 1/4 sec's
79.70	The corner to sec's 8, 9, 16, & 17. Surface rolling Soil 2nd rate

Township 32 North, Range 13 West

chains	
	North bet' sec's 8 and 9 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 4, 5, 8, and 9
	Surface rolling Soil 2nd rate

Township 32. North, Range 13. West

chains	
	East on a Random line Bet Sec's 4 and 9
	Va 13° 20' E
22.00	Ravine, filled with Burr Oak trees N. & S.
40.00	Set post for temporary 1/4 sec corner
44.60	Ravine filled with Burr Oak. N. & S.
79.60	Intersect N. & S. line at a point 16 links South of the corner to Sec's 3, 4, 9, & 10 from which corner I run
	S. 89° 53' W. on true line bet Sec's 4 and 9.
	Va 13° 20' E.
39.80	Set post, deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
79.60	The corner to Sec's 5, 4, 8, and 9
	Surface broken Soil 3rd rate
	Timber Burr Oak

Township 32 North, Range 13. West

chains	
	North on a true line Bet Sec's 4 and 5.
	Va 13° 20' E
12.00	Ravine bears N. E. contains Burr Oak and cedar
35.00	Enter bottom bearing E. & W.
37.00	Stream 20 links wide runs E.
39.40	Leave bottom bearing E. & W. and containing Burr Oak & Elm
40.00	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
84.80	Intersect 8th Standard Parallel 3.00 chains West of 1/4 sec corner on South side of Sec 33, Township 33 North, Range 13. West.
	Set post deposit charred stake raise mound of earth with pits as per instructions for the closing corner to Sec's 4 and 5 Township 32 North. Range 13. West
	Surface rolling Soil 2nd rate
	Aug 5th 1871

Township 32 North, Range 13. West

chains

North Bet. Sec. 31 and 32
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. 29, 30, 31, and 32.

Surface rolling
Soil 2nd rate

Township 32 North, Range 13 West

chains

East on a random line
Bet. Sec. 29 and 32
Va 13° 20' E.

10.25 Bed of dry stream course N.W.

80.25 Intersect N. & S. line 35 links North of corner to Sec. 28, 29, 32 and 33, from which corner I run N. 89° 45' W. on true line bet. Sec. 29 and 32
Va 13° 20' E.

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

80.25 The corner to Sec. 29, 30, 31, and 32

Surface rolling
Soil 2nd rate

Township 32. North. Range 13. West

chains	
	West on Random line Bet' Sec's 30 and 31 Va 13° 20' E.
29.60	Enter marsh bearing N.W. & S.E.
40.00	The point for 1/4 Sec. Cor. falls in marsh and cannot be established
79.60	Intersect West boundary of Township 8 links N. of corner to Sec's 30 and 31, from which corner I run N. 89° 57' E. on true line bet' Sec's 30 and 31 Va 13° 20' E.
28.00	To marsh bearing N.W. & S.E. Set post deposit charred stake raise mound of earth with pits as per instructions for witness corner to Sec's 30 and 31. 1/4 Sec 11.60 chs. W. of place for fr. Sec. - cor 11.60 chs. W. of place for cor.
79.60	The corner to Sec's 29.30.31 and 32

Surface gently rolling

Soil 2nd rate

Township 32. North. Range 13. West

chains	
	North bet' Sec's 29 and 30 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
55.00	Bed of Dry stream course N.W.
80.00	Set post deposit charred stake raise mound of earth with pits as per instructions for corner to Sec's 19.20 29, and 30

Surface rolling

Soil sandy rate

Township 32 North, Range 13. West

chains	
	East on a random line bet sec's 20 and 29 bearing 13° 20' E.
40.00	Set post, ~~for temporary~~ 1/4 sec corner
80.21	Intersect N. & S. line at a point 21 links N. of the corner to sec's 20, 21, 29 & 28 from which corner I run N. 89° 51' W. on true line bet sec's 20 and 29 bearing 13° 20' E.
40.10 1/2	Set post, deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
80.21	To corner to sec's 19, 20, 29 & 30

Surface rolling

Soil 2nd rate

Township 32 North, Range 13. West

chains	
	West on a random line bet sec's 19 & 30 bearing 13° 20' E.
4.70	Bed of dry stream course N.
40.00	Set post for temporary 1/4 sec corner
79.70	Intersect Western boundary of Township 11 links N. of corner to sec's 19 & 30 from which corner I run N. 89° 56' E. on true line bet sec's 19 & 30 bearing 13° 20' E.
39.70	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
79.70	Corner to sec's 19, 20, 29 & 30

Surface rolling

Soil 2nd rate

Township 32 North. Range 13. West

chains	
	North bet secs 19 and 20 Va 13° 20' E.
2.00	Cross Bed of dry stream Course North East
40.00	Set post. deposit charred stake. raise mound of earth with pits as per instructions for 1/4 sec corner
80.00	Set post deposit charred stake raise mound of earth with pits as per instructions for the corner to secs 17, 18, 19, and 20
	Surface rolling Soil 2nd rate

Township 32 North. Range 13. West

chains	
	East on a random line bet. secs 17 and 20 Va 13° 20' E.
30.18	Bed of dry creek bearing N.
40.00	Set post for temporary 1/4 sec corner
80.18	Intersect N. & S. line at a point 36 links N. of the corner to secs 16, 17, 20, & 21, from which corner I run N. 89° 45' W. on true line bet. secs 17 and 20 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 17, 18, 19, & 20
	Surface rolling Soil 2nd rate

Township 32 North, Range 13. West

chains	
	West on a random line bet sec's 18 and 19 Va 13° 20' E.
40.00	Set post for temporary 1/4 sec. corner
80.10	Intersect W. boundary of Township 20 links North of the corner to sec's 18 and 19 from which corner I run N. 89° 51' W. on true line, bet sec's 18, & 19 Va 13° 20' E.
40.10	Set post deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
80.10	The corner to sec's 13, 18, 19 and 20.

Surface rolling

Soil 2nd rate

Township 32 North, Range 13. West

chains	
	North bet sec's 17, & 18 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
50.00	Sec's of dry stream water in blue course N. E.
80.00	Set post, deposit charred stake, raise mound of earth with pits as per instructions for the corner to sec's 7, 8, 17, and 18.

Surface rolling

Soil 2nd rate

Township 32. North. Range 13. West

chains	
	East on a Random line Set Sec's 8 & 17 Va 13° 20' E.
12.24	Stream 5 links wide runs N.W. High banks
40.00	Set post for temporary 1/4 sec corner
80.14	Intersect N. & S. line 20 links N. of corner to Sec's 8, 9, 16, & 17 from which corner I run N. 89° 51' W. on true line bet. Sec's 8, & 17 Va 13° 20' E.
40.07	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
80.14	Corner to Sec's 7, 8, 17, & 18

Surface broken

Soil 3rd rate

Township 32 North. Range 13 West

chains	
	West on a Random line Set Sec's 7 & 18 Va 13° 20' E
40.00	Set post for temporary 1/4 sec corner
80.40	Intersect Western boundary of Township 9 links North of the corner to Sec's 7 & 18. from which corner I run N. 89° 54' 56" E W. on true line bet. Sec's 7 & 18 Va 13° 20' E
40.40	Set post deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
80.40	Corner to Sec's 7, 8, 17, & 18

Surface rolling

Soil 2nd rate

Township 32 North. Range 13. West

chains	
	North Bet' sec's 7 & 8 Va 13° 20' E
30.00	Enter bottom bears N.W. & S.E.
39.80	Stream 5 links wide runs N.W. Skirted with cottonwood
40.00	Set post for 1/4 sec corner from which a cottonwood 12 in. dia bears E. 10 links dist, a cottonwood 14 in. dia bears N. 12 links dist.
44.00	Leave bottom bearing N.W. & S.E.
80.00	Set post deposit charred stake raise mound of earth with pits as per instructions for corner to sec's 5, 6, 7, & 8.
	Surface broken Soil 2nd rate

Township 32 North Range 13 West

chains	
	East on a Random line Bet' sec's 5 & 8 Va 13° 20' E.
38.00	Ravine bearing N. & S.
40.00	Set post for temporary 1/4 sec corner
65.00	Enter ravine and timber bearing north.
71.00	Stream 5 links runs N.
73.00	Enter deep ravine bearing N. covered with timber. (Burr Oak.)
80.00	Intersect N. & S. line 14 links N. of corner to sec's 5, 4, 8, & 9 from which corner I run N. 89° 54' W. on true line bet' sec's 5 & 8 — 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	Corner to sec's 5, 6, 7, & 8. Surface broken Soil 3rd rate Timber Burr Oak & Elm

Township 32 North, Range 13. West

chains	
	West on @ Random line bet' Sec's 6 & 7 Va 13° 20' E.
29.20	Enter bottom & Timber, bearing N. & S
35.00	Stream 5 links wide, steep high bluffs each side course N.W. (timbered)
38.60	Stream 20 links wide runs N. E.
40.00	Set post for temporary 1/4 sec corner
45.00	Leave bottom, bearing N. E. & S. W. containing scattering Burr Oak & cottonwood trees
80.20	Intersect W. boundary, 12 links North of corner to Sec's 6 & 7 from which corner I run N. 89° 55' W on true line bet' Sec's 6 & 7 Va 13° 20' E.
40.20	Set post, deposit charred stake raise mound of earth with pits as per instructions for 1/4 sec corner
80.20	The corner to Sec's 5, 6, 7, & 8. Surface broken & Soil 2nd rate Timber Burr Oak, Elm and cottonwood

Township 32 North, Range 13 West

chains	
	North on true line Bet' Sec's 5 and 6 Va 13° 20' E
24.00	Enter bottom, steep high bluffs either side containing Burr Oak, Elm & cottonwood, course E. & W
33.00	Stream 20 links, runs E.
38.00	Leave ~~ravine~~ bottom bearing E. & W.
40.00	Set post deposit charred stake, raise mound of earth with pits as per instructions for 1/4 sec corner
85.00	Intersect 8th Standard Parallel 2 chains & 20 links W. of 1/4 sec corner, on South side of sec 32, T. 33, N. R. 13. W.
	Set post deposit charred stake raise mound of earth with pits as per instructions for closing corner to sec's 5, & 6 T. 32. N. R. 13. W.
	Surface broken Soil 3rd rate Timber, Burr Oak, Elm & cottonwood.

Aug 6 1871

Township 32 North. Range 13 West

General Description.

The surface of this Township is rolling in the southern and eastern parts, the northwestern portion broken by ravines or canyons generally filled with Burr Oak and cottonwood timber, a fine stream of water flows through the northwestern portion, and it has numerous small branches. The soil generally is 2nd rate, sandy, and does not produce good grass except in the bottoms.

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 13 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 of the Surveyor General.

Monument and Axeman { H. S. Gardner
L. A. Tannehill

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

Subscribed and sworn to by the above named Jurors 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 W. Gray 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 furnished by the Surveyor General, the Surveying Manual and the laws of the United States, surveyed all those parts or portions of Township 32 North, Range 13 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 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 said survey.

W. A. Richards
Deputy Surveyor

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

Rollin C. Smith
Notary Public

Surveyor Generals Office
Plattsmouth Jany 12th 1872

The foregoing field notes of the survey and subdivision of Township No 32 North Base line Range 13 West Executed by Wm A Richards under Joint contract 46 dated June 15th 1871 wherein Wm A. Richards & Jos. W. Gayers Joint Contractors in the Month of August 1871 having been critically examined the the necessary corrections and explanations made the said field notes and survey they describe are hereby approved

E. E. Cunningham
Surveyor General

Field Notes
of the
Survey and Sub-divisions
of Fractional Town-
ship 33 North of
the Base line of Range
13 West of the 6th Prin-
cipal Meridian in
the State of Nebraska

Executed by William
A. Richards
Deputy Surveyor.

Survey.
Commenced August 2d 1871.
Completed August 8th 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 } Moundmen
L. A. Tannehill } and Axemen
E. L. Waltemeyre } chain-
A. C. Richards } men

To determine the proper adjustment of my compass for sub-dividing this Township I commence at the corner to Townships 32 and 33 North of Ranges 12 and 13 West and run

North on a blank line along the Eastern boundary of Sec. 36.

Va. 13°15' E.

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

80.06 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' E.

Township 33 North Range 13 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.
80.00	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Sections 25. 26. 35 and 36
	Surface level. Soil sandy 2nd rate.

Township 33 North Range 13 West

chains	
	East on a Random line betwn. Secs. 25 and 36 Va. 13° 20' E
40.00	Set post for temporary 1/4 Sec. corner.
80.00	Intersect East boundary of Township at a point 10 links South of the corner to Secs. 25 and 36. from which corner Spur S. 89° 56' W. on true line btwn. 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 level Soil Sandy 2nd rate.

Township 33 North Range 13 West

Chains	
	North btwn. Secs. 25 and 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	Set post, deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 23, 24, 25 and 26.
	Surface level Soil a black sandy loam. 1st rate.

Township 33 North Range 13 W.

Chains	
	East on a random line btwn. Secs. 24 and 25
	Va 13° 20' E.
24.00	Deep ravine, containing Burr Oak timber bearing North.
40.00	Set post for temporary 1/4 Sec. corner.
80.10	Intersect East boundary of Township at a point 5 link North of the corner to Secs. 24 & 25 from which corner I run, N. 89° 58' W. on true line btwn. Secs. 24 and 25.
	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.
80.10	Corner to Secs. 23, 24, 25 & 26 Surface level, except ravine. Soil sandy 1st rate.

Township 33 North Range 13 West

chains	
	North btwn. Secs. 23 & 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
42.00	Leave level plain and enter river bottom and timber Burr Oak, Bass & Elm.
50.15	Intersect Right bank of Niobrara river course S.E. set post for meander corner to fractional Secs. 23 and 24 from which, an Elm 14 in. dia. bears E. 20 lks. dist. A Burr oak 10 inches dia. bears S. 10° W. 45 links dist
	Surface level
	Soil 1st rate.
	Timber Burr Oak Bass & Elm
	undergrowth of Willow
	Aug. 2nd 1871.

Township 33 North Range 13 West

chains	
	North btwn. 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 Sections 26, 27, 34 and 35.
	Surface rolling.
	Soil Sandy 2nd rate.

Chains.	
	East on a Random line btwn. Secs. 26 and 35 Va 13° 20' E
10.50	Stream 5 links wide runs N.
40.00	Set post for temporary 1/4 Sec. corner
79.90	Intersect N. and S. line at a point 30 links South of the corner to Secs. 26 27. 34. and 35 from which corner I run S. 89° 47' W. on true line btwn. Secs. 26 and 35. 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. 26 27 34 and 35. Surface gently rolling Soil sandy 2nd rate.

Chains	
	North btwn. Secs. 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
49.00	Ravine bearing East Stream in the bottom 4 links wide runs E
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 1st 1/2 mile gently rolling soil 2nd rate. last 1/2 mile broken soil sandy Worthless

Township 33 North Range 13 W.

East on a Random line btwn. Secs 23 and 26
Va. 13° 20' E.

23.85 Stream, 6 link wide. high banks. runs N.E.

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

79.85 Intersect N. and S. line 26 link south of the corner to Secs. 23, 24, 25 & 26, from which corner I run S. 89° 49' W. on true line btwn. Secs. 23 and 26
Va. 13° 20' 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 22 23 26 and 27.
Surface rolling & broken. Soil sandy 3rd rate.

Township 33 North Range 13 West

chains North btwn. Secs. 22 & 23
Va 13° 20' E.

11.00 Enter bottom bearing N.E. & S.W. & contains scattering Burr oak trees

13.00 Stream 10 lks. wide, course N.E.

25.00 " " " " " N.W.

32.50 " " " " " N.E.

40.00 A Burr Oak 12 in. dia. which I mark for 1/4 Sec. corner from which
A Bur oak 10 in. dia. bears S. 10 lks. dist.

42.00 Stream 3 link runs S.E.

50.00 Leave bottom and timber bearing S.E. and N.W.

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
Bottom level containing Burr Oak & Elm Timber. Soil 1st rate. Upland broken 2nd rate.

East betwn. Secs. 14 and 23, on a true line knowing that it will strike the Niobrara river in less than 80 chains.

Va. 13° 2 0'

31.00 Enter timber Burr oak bearing S.E. and N.W.

36.00 Set post on the right bank of the Niobrara River for meander corner to fractional Sections 14 and 23 from which A Burr oak 6 in. dia. bears N.W. 45 links. dist. A Burr oak 8 in dia bears N. 18 links dist.

There is no bottom at this point the banks being high and steep.

Surface broken.

Soil 2nd rate.

chains. North betwn. Secs. 14 and 15

Va 13° 20' E.

35.00 Intersect Right bank of Niobrara River course S.E.

Set post deposite charred stake raise mound of earth with pits as per instructions for meander corner to fractional secs 14 and 15.

There is no bottom at this point the bluffs descending abruptly to the river.

Surface broken.

Soil, 2nd rate.

Aug. 3rd 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 Secs. 27, 28, 33 and 34 Surface rolling Soil sandy 3rd rate.

chains	
	East on a Random line btwn. Secs. 27 and 34 Va. 13° 20' E.
29.00	Enter bottom and timber bearing N. and S.
32.00	Stream 10 lks. wide N.E.
40.00	Set post for temporary 1/4 Sec. corner.
56.00	Leave bottom and timber bearing N. and S.
80.10	Intersect N. and S. line 10 links N. of the corner to Secs. 26, 27, 34 and 35. from which corner I run N. 89° 56' W. on true line btwn Secs. 27 & 34 Va. 13° 20' E.
40.05	Mark Burr oak tree 14 in. dia. for 1/4 Sec corner no other tree convenient for marking.
80.10	Corner to Secs. 27, 28, 33 & 34 Bottom level 1st rate. Upland broken 2nd rate. Timber Burr oak.

chains North betwn. Secs. 27 + 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 Sandy and Worthless.

East on a Random line betwn. Secs. 22 and 27
Va 13° 20' E.

25.00 Enter deep ravine and timber bearing N.W. + S.E.

30.00 Stream 3 links runs S.E.

39.90 Leave ravine + timber bearing S.E. + N.W.

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

56.00 Enter bottom and burr oak timber bearing N.E. and S.

67.00 Stream 10 lks. runs N.

75.00 Leave bottom and timber bearing N. and S.

80.30 Intersect N. and S. line 20 links south of the corner to Secs. 22. 23. 26 and 27 from which corner I run S. 89° 51' W. on true line Betwn. Secs. 22 and 27
Va. 13° 20' E.

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

80.30 Corner to Secs. 21 22 27 + 28
Bottom land 1st rate — upland broken 3rd rate. Timber Ash Elm. Walnut + Burr oak. Aug. 4. 1871

Township 33 North Range 13 West.

chains	
	North betwn. Secs. 21 and 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 corner to Secs. 15. 16. 21 and 22 Surface rolling. Soil sandy worthless.

Township 33 North Range 13 West

chains	
	East on a Random line betwn. Secs. 15 and 22 Va 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner.
40.20	Intersect N. and S. line at a point 5 links North of the corner to secs. 15 and 14 23 & 22 from which corner I run N. 89° 58' W. on true line betwn. Secs. 15 & 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	Corner to secs. 15. 16. 21 & 22 Surface gently rolling. Soil sandy 3rd rate.

chains	
	North btwn. Secs 15 and 16 Va. 13°20' E
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Secs corner.
80.00	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Secs. 9, 10, 15 and 16 Surface broken by short abrupt ravines bearing N.E. to Niobrara Soil 1st rate.

chains	
	East btwn. Secs. 10 and 15 on a true line knowing that it will strike the river in less than 80.00 chains. Va. 13°20' E
11.00	Enter bottom bearing N.W. and S.E. and scattering Burr Oak and cottonwood trees
25.00	Intersect Niobrara River course S.E. Set post deposite charred stake raise mound of earth with pits as per instructions for Meander corner to fractional Sections 10 and 15 Surface gently rolling. Soil 1st rate.

Township 33 North Range 13 West.

chains	
	West on true line between Secs 9 and 16 on true line knowing it will strike the river no less than 80.00 chains.
5.00	Enter bottom bearing N.E. and S.W. Variation 18° 20' East
13.46	Intersect Right bank of Niobrara River. Set post deposite charred stake, raise mound of earth with pits as per instructions for meander corner to fractional Secs 9 and 16
	Bottom land, upland rolling. Soil 1st rate

Township 33 North Range 13 West.

chains.	
	North btwn. Secs. 9 and 10
2.00	Enter bottom bearing E. & W. Variation 18° 20' East
5.00	Enter timber bearing E. & W.
8.13.	Intersect Niobrara River course East.
	Mark Burr Oak tree 10 in. dia. for Meander corner to fractional Secs. 9 and 10, from which
	A cottonwood 8 in. dia bears N. 74° W. 1.40 chains distant
	Surface Rolling
	Soil 1st rate.

Township 33 North Range 13 West

chains	
	North btwn. Secs. 32 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	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to Sections 28, 29, 32 and 33. Surface rolling. Soil sandy 3rd rate.

Township 33 N. R. 13. W.

chains	
	East on a Random line btwn. Secs. 28 & 33. Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner
79.64	Intersect N. and S. line at a point 25 links South of the corner to Secs. 27, 28, 33 and 34, from which corner I run, S. 89° 49' W. on true line btwn. Secs 28 and 33. Va. 13° 20' E.
39.82	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
79.64	The corner to Secs. 28 29 32 and 33. Surface rolling. Soil sandy 3rd rate.

Township 33 North Range 13 West

chains	
	North btwn. Secs. 28 & 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	Set post deposite charred stake raise mound of earth with pits as per instructions for corner to Sections 20. 21. 28 and 29
	Surface rolling Soil sandy Worthless.

Township 33 North Range 13 West.

chains	
	East on a Random line betwn. Secs. 21 and 28
	Va 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner
80.15	Intersect N. and S. at a point 12 links North of the corner to Secs. 21. 22. 27 and 28, from which corner I run N. 89°55' W. on true line betwn. Secs 21 & 28
	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	Corner to Secs. 20. 21. 28 & 29.
	Surface rolling. Soil sandy. Worthless.

Township 33 North Range 13 West

chains	
	North btwn. Secs. 20 & 21 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 16. 17. 20 & 21 Surface rolling. Soil Sandy 3rd Rate.

Township 33 North Range 13 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.
80.00	Intersect N. and S. line at the corner to Secs 15. 16. 21 and 22 from which corner I run West on a true line Btwn. Secs. 16 and 21 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 16. 17. 20 and 21 Surface Rolling. Soil sandy 3rd rate.

Township 33 N. Range 13 W.

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.
45.00	Enter bottom bearing E and W. course with willow under brush and scattering Cottonwood trees.
59.00	Niobrara River course E.
	Set post deposite charred stake, raise mound of earth with pits as per instructions for meander corner to fractional Secs. 16 and 17
	Surface rolling
	Bottom 1st rate soil.
	Upland 2nd rate soil

Township 33 North Range 13 West

chains	
	North btwn. Secs. 31 and 32
	Va. 13° 20' E.
40.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 section corner
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to Secs. 29. 30. 31 and 32
	Surface rolling.
	Soil Sandy Worthless.

Township 33 North Range 13 West

Chains	
	East on a Random line btwn. Secs. 29 and 32 Va 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner
80.19	Intersect N. and S. line at a point 20 links North of the corner to Secs. 29. 28. 32 and 33 from which corner I run N. 89° 51' W. on true line btwn. Secs. 29 and 32 Va 13° 20'
40.09	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Section corner
80.19	Corner to Secs. 29. 30. 31. & 32 Surface rolling. Soil sandy Worthless.

Township 33 North Range 13 West

Chains	
	West on a Random line btwn. Secs. 30 and 31. Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner.
46.00	Stream link wide runs N.
80.25	Intersect West boundary of Township 25 links North of the corner to Secs. 30 and 31 from which corner I run N. 89° 49' E. on true line btwn. Secs. 30 and 31 Va. 13° 20' 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. 29 30 31 and 32 Surface rolling. Soil sandy Worthless.

chains	
	North btwn. 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 Section 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 sandy Worthless
	Aug. 7th 1871

chains	
	East on a Random line btwn. Secs. 20 and 29 Va. 13° 20'
40.00	Set post for temporary 1/4 Sec. corner.
80.20	Intersect N and S line at a point 10 links North of the corner to Secs. 20. 21. 28 and 29. from which corner I run N. 89° 54' W. on true line btwn. Secs. 20 and 29 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 19. 20. 29 and 30 Surface level Soil sandy Worthless

Chains	
	West on a Random Line btwn. Secs. 19. and 30. Va. 13° 20' E.
29.00	Stream 10 links wide course N.
40.00	Set post for temporary 1/4 Sec. corner.
80.18	Intersect West boundary of Township 5 links North of corner to Secs. 19 + 30, from which Inner N 89° 58' E N between Secs. 19 and 30 var 13° 20' E
40.18	Set post. deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.18	Corner to Secs. 19. 20. 29 + 30
	Surface rolling. Soil sandy Worthless.

Chains	
	North btwn. Secs. 19 and 20 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. 17. 18. 19 and 20.
	Surface Rolling. Soil Sandy Worthless.

Chains	
	East on a Random line btwn. Secs. 17 and 20 Va. 13° 20' E.
40.00	Set post for temporary 1/4 Sec. corner
80.10	Intersect N. and S. line at a point 15 links south of the corner to sections 16.17.20 and 21. from which corner I run S. 89° 54' W. on true line btwn. Secs. 17 and 20 Va. 13° 20' E.
40.05	Set post deposite charred stake, raise mound of earth with pits as per instructions for 1/4 Section corner.
80.10	Corner to Secs. 17.18.19 & 20
	Surface Rolling. Soil Sandy Worthless.

Chains	
	West on a Random line btwn. Secs. 18 and 19 Va. 13° 20' E.
18.00	Stream 10 link. course N.E.
40.00	Set post for temporary 1/4 Sec. corner.
80.05	Intersect West boundary of Township 12 links S. of corner to Sections 18 and 19 from which corner I run East S. 89° 55' West on true line btwn. Sec 18 & 19 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.
80.05	The corner to Secs. 17.18.19 & 20. Surface rolling. Soil sandy Worthless.

Township 33 North Range 13 West.

Chains	
	North btwn. Secs. 17 and 18
	Va. 13° 20' E.
20.00	Stream 10 links course N. E.
40.00	Set post deposite charred stake raise mound of earth with pits as per instructions for 1/4 Sec. corner.
80.00	Set post deposite charred stake, raise mound of earth with pits as per instructions for corner to Sections 7, 8, 17 and 18
	Surface rolling. Soil Sandy 3rd rate.

Township 33 North Range 13 West

Chains	
	East btwn. Secs 8 and 17 on a true line knowing that it will strike the Niobrara River in less than 80.00 chains
	Va 13° 20'
8.00	Enter bottom and Willow underbrush. S. E.
13.00	Niobrara River course S. E. Set post deposite charred stake raise mound of earth with pits as per instructions for meander corner to fractional Secs. 8 and 17.
	Surface Rolling. Soil 1st rate.

Township 33 North Range 13 West

chains

West on Random line btwn. Secs. 7 and 18 on a random line. Va. 13° 20'

9.00 Enter bottom bearing N.E. + S.W.

13.00 Right bank of Niobrara River a short bend South. Offset South 2 chains to a point. thence West 12.00 chains to a point. thence North 2.00 chains to a point on the S.W. bank of the river where I set temporary Meander corner ~~and on the random line~~ btwn. ~~Sections 7 and 8, and~~

25.00 West of the corner to secs. 7.8.17+18

28.00 Leave pottery bearing N.W. on S.E.

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

80.12 Intersect West boundary of Township, 21 links N. of corner to Secs. 7 and 18 from which corner I run N. 89° 51' E. on true line btwn. secs 7 and 18. Va. 13° 20'

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

55.00 Set post deposite charred stake raise mound of earth with pits as per instructions for meander corner to fractional Secs. 7 and 18

67.12 Set post on East side of bend in river

80.12 Corner to Sections 7.8.17+18

Bottom land soil 1st rate.

Upland = rolling soil 2nd rate.

Township 33 North Range 13 West

chains

North between Secs. 7 and 8. Va. 13° 20'.

3.00 Enter bottom and scattering Cottonwood trees and willow underbrush.

7.00 Niobrara River course E. Set post deposite charred stake, raise mound of earth with pits as per instructions for Meander corner to Fractional Secs. 7 and 8

No bearing tree near

Surface rolling

Soil 1st rate

Township 33 North Range 13 West

General Description

This Township is much broken by short deep ravines leaning toward the Niobrara River, containing Burr Oak and Cedar Timber.

Water and timber abounds but the soil is of a very poor quality mostly sandy and unfit for cultivation

upland - rolling soil 2nd rate.

Township 33 North Range 13 West

Meanders of the right bank of the Niobrara River through the Township

Begin at the corner to fractional sections 24 and 19 on the Eastern boundary of the Township, and on the right and south bank of the river and running thence up-stream with the meanders of said river in fractional section 24 as follows.

Course.	Dist.	
N. 80° W	17.50	
S 85° W.	15.00	
S 74° W.	11.00	At 9.00 chains enter bottom, Ravine coming from the South.

Township 33 North Range 13 West.

S. 67½ W.	11.00	
S. 80° W.	27.40 2	To meander corner to fractional sections 23 & 24
		At 6.80 enter timber bearing West.
		Surface broken. Soil 1st rate.
		Thence Meanders in fractional Section 23.
N. 65° W.	7.00	
N. 50° W.	20.00	At 10.50 Stream 10 links wide coming from S.W.
N. 60° W.	25.90 3	To meander corner to fractional Secs. 14 and 23
		At 10.00 Stream 12 links wide coming from S.W.
		At 20.40 leave bottom bearing East.
		Surface level bottom. Soil 1st rate
		Timber Burr Oak, Cottonwood Willow and Elm.

upland = rolling soil 2nd rate.

Township 33 North Range 13 West.

Course	Dist	
		Thence Meanders in fractional Section 14
N. 39½ W.	30.00	At 28.00 leave Timber S.E.
N. 55° W.	20.70 4	To corner to fractional Sections 14 and 15
		Surface high rolling Prairie. Soil 1st and 2nd rate.
		Timber Burr Oak & cottonwood
		Thence Meanders in fractional Section 15.
N. 50° W.	23.00	
N. 54° W.	25.00	At 22.00 chains enter bottom bearing N. W. and scattering Timber
N. 50 ¼ W.	22.40 5	To meander corner to Fractional Sections 10 & 15
		Bottom level. Upland Broken. Soil 1st rate
		Timber Burr Oak & cottonwood

Township 33 North Range 13 West.

Course	Dist.	
		~~Meanders~~ thence in fractional Section 10.
N. 72¼ W.	26.50 6	To meander corner to Fractional Secs. 9 and 10 Surface Level Soil 1st rate. Timber Burr Oak and Cottonwood
		~~Meanders~~ thence in fractional Section 9.
S. 61¼ W.	15.90 7	At 10 Leave Timber bearing East. 15.90 chains meander corner to fractional Sections 9 and 16 Surface Level. Soil 1st rate.
		~~Meanders~~ thence in fractional Section 16.
S. 63½ W.	22.00	

... soil 1st rate.
upland rolling soil 2nd rate.

Township 33 North Range 13 West.

S. 62¼ W.	20.00	10.40 Enter timber bearing S. W.
S. 83° W.	28.90 8	To corner to fractional Sections 16 and 17 Surface Level. Soil 1st rate. Timber Willow and scattering cottonwoods.
		~~Meanders~~ thence in fractional Section 17.
N. 80° W.	19.50	
N. 77 W.	18.50	10.00 Stream 14 links wide coming from S. W.
N. 60° W.	9.50	At 6.00 chains Leave scattering cottonwoods.
~~N. 70° W.~~		
N. 70 W.	23.10 9	To meander corner to fractional Secs. 8 and 17 Surface level. Soil 1st rate.
		~~Meanders~~ thence in fractional Sec. 7.
N. 47° W.	5.00	
N. 54½ W.	6.00	
West	4.50 10	Meander corner to fractional Secs 7 and 8. Surface Level Soil 1st rate.

Township 33 North Range 13 West.
~~Meanders~~ thence in Fractional
Sec. 7.

S. 71½ W.	6.50	
S. 60 W.	8.30 11	To meander corner to fractional Sections 7 & 18, thence, in Secs. 18.
S. 72 W.	5.30	
West	4.00	
N. 63 W.	3.40 12	To Meander corner to fractional secs. 7 and 18 thence in Sec. 7.
N. 62½ W.	17.00	
N. ~~68~~ 51½ W.	~~26.30~~ 8 5	
~~N. 65½ W.~~	~~19.00~~	
N. 40 W.	28.10 13	To Meander corner to fractional Secs. 7 & 12 on West Boundary of Township

Surface level
Soil 1st rate.
August 8th 1871

... soil 1st rate.
upland rolling soil 2nd rate.

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. 13 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

H. S. Gardner, } Axemen and moundmen
L. A. Fannehill }
E. F. Waltemeyer } Chainmen
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 22nd day of September 1871

Rollin C Smith
Notary Public

I William A. Richards depety Surveyor do solemnly swear, that in pursuance of a joint contract wherein William A. Richards and Joseph W. Gay were joint contractors with C. 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 Fractional Township No. 33. North. Range No 13 West as are

... soil 1st rate.
upland rolling soil 2nd rate.

represented in the foregoing field notes as having been surveyed under my direction: and I do further solemnly swear that the foregoing are the true and original field notes of such survey.

William 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

upland - rolling soil 2nd rate.

Surveyor General's Office

Nebraska City Jany 12th 1872

The foregoing field Notes of the Survey and Subdivision of Township No 33 North of Base line of Range 13 West 6th P.M. in Nebraska Executed by Wm A. Richards under Joint Contract No 46. Dated June 5th 1871 wherein Wm A Richards and Joseph W. Gray 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 the described 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.