General Land Office • Original Field Notes

Book Number

656

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.

117

D. F. Hickey,

T. 29 North R.

T. 29-32 N.
R. 44 W.

117.

6th Principal Meridian.

T 29-32 N
R 44 W

D NOTES

OF

IVISION LINES OF

Township 29 North Range 44 West

6th Principal Meridian.

BY

D. F. Hickey Deputy Surveyor.

Under his Contract of Nov. 10, 1881

Survey Commenced June 17, 1882

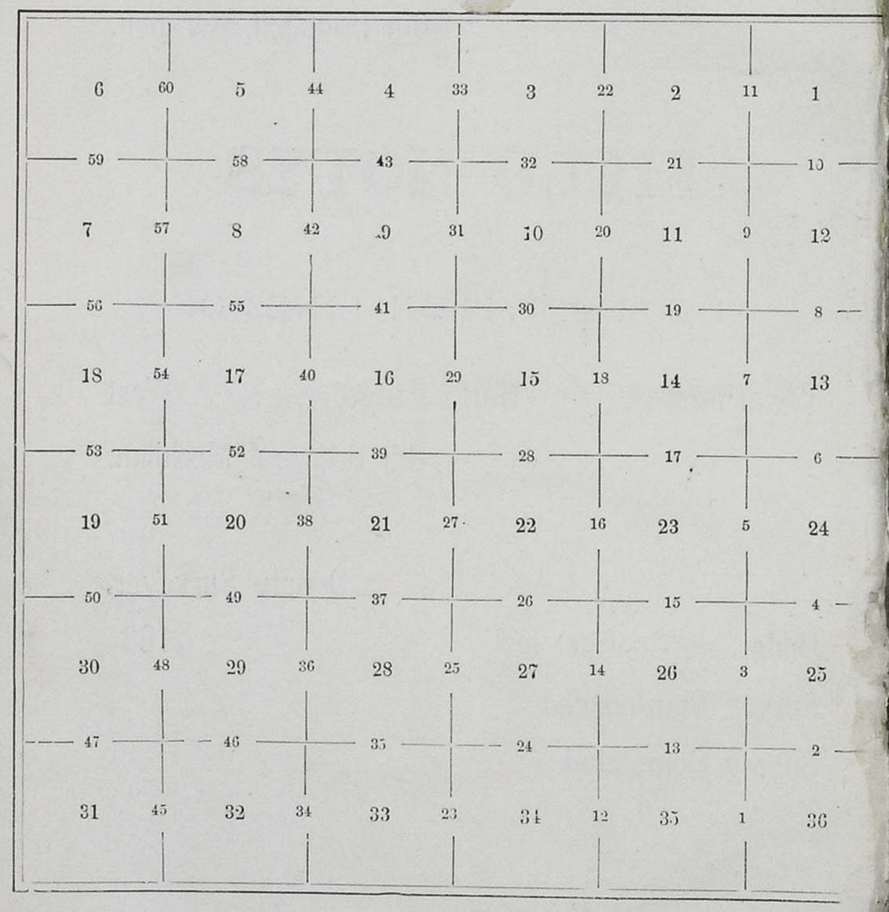
Survey Completed June 28, 1882.

Platted,
Copied for Washington,
Copied for Register,

Edward Denny & Co., Stationers & Printers, S. F. Cal.

Township..... Range.....

.....6th Principal Meridian.



Edward Denny & Co., Stationers & Printers, S. F., Cal.

Copyright Secured,

Entered according to Act of Congress, in the Clerk's Office of the Librarian of Congress at Washington, D. C., in the year 1880.

Township..... North..... Range..... West

.....6th Principal Meridian.

Township ..... North ..... Range ..... West

..... 6th Principal Meridian

Township ..... North ..... Range ..... West

..... 6th Principal Meridian.

Survey made with Burt's Patent Improved Solar Compass, nearly new, and in first rate order. Made by W. & L. E. Gurley *of* Troy New York *in* 1879.

Township 29 North Range 44 West
(See previous page.)
6th Principal Meridian.

Chains	
	From the corner to Sections 35, 36, 1 and 2 on the South boundary; I run North, between Sections 35 and 36.
	Variation 15°10′ East.
40.00	*Set a* Sana *stone* 13 x 10 x 7 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked* ¼ *on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.00	*Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs,* 25-26-35-36, *marked T.* 29 *N, S.* 25 *, on N, E, R.* 44 *W, S.* 36 *on S, E, S,* 35 *on S, W, and S,* 26 *on N, W, face, with* / *notch on S, and* / *notch on E, edges, dug pits 18 x 18 x 12 ins, in each Sec,, 5½ ft, dist,, and raised a mound of earth 2 ft, high, 4 ½ ft, base around post.*
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Chains	
	East, on a random line between Sections 25 and 36.
	Variation 15°15′ East.
	Over rolling land.
40.00	*Set temporary ¼ Sec. Cor.*
80.14	*Intersect* E. *B. of Tp.* 19 *lks.* South *of cor. to secs.* 25-30-31-36, *from which corner, I run* S.89°52′W *on a true line, between sections* 25-36,
	Variation 15°15′ *East.*
40.07	*Set a* Sana *stone* 16 x 12 x 8 *ins.,* 11 *ins. in the ground, for ¼ Sec. Cor., marked* ¼ *on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.14	*The corner to sections* 25-26-35-36,
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 25 and 26.
	Variation 15° 15' East.
	Ascend.
40.00	**Set a** Sand **stone** 13 x 8 x 6 **ins.,** 9 **ins.** *in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft base.*
43.00	*Top of Ridge, bears* N. 80° W. & S. 80° E. *and descend.*
80.00	*Set a* Sand **stone** 12 x 8 x 6 **ins.** 8 **ins.** *in the ground for Cor. to Secs.* 23-24-25-26 *marked with* 2 *notches on S. and* 1 *notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*
	Land Hilly ~~mountainous~~.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Chains	East, on a random line between Sections 24 and 25.
	Variation 15° 15' East.
	Descend.
40.00	*Set temporary ¼ Sec. Cor.*
80.29	*Intersect E., B. of Tp.* 30 *lks.* South *of cor. to secs.* 19-24-25-30 *from which corner, I run* S. 89° 47' W. *on a true line, between sections* 24-25
	Variation 15° 15' East.
40.15	*Set a* Sand **stone** 15 x 8 x 6 **ins.,** 10 **ins.** *in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.29	*The corner to sections* 23-24-25-26.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 23 and 24. Variation 15° 15′ East.
	Descend.
40.00	*Set a* Sand *stone* 12 x 8 x 7 *ins.*, 8 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
80.00	*Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs,* 13-14-23-24, *marked T,* 29 N., *S,* 13 *, on N, E, R,* 42 W., *S.* 24, *on S, E, S,* 23 *on S, W, and S,* 14 *on N, W, face, with* 3 *notch es on S, and* 1 *notch on E, edges, dug pits 18 x 18 x 12 ins, in each Sec,, 5½ ft, dist,, and raised a mound of earth 2 ft, high, 4 ½ ft, base around post.*
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.
	June 17, 1882,

Township 29 North Range 44 West
6th Principal Meridian.

Chains	East, on a random line between Sections 13 and 24. Variation 15° 15′ East.
	Descend.
14.00	Center Marsh, bears N. 70° W. & S. 70° E.
27.00	*Cross Creek* 15 *lks. wide. Course* N. 70° W.
36.00	Leave Marsh and ascend.
40.00	*Set temporary* ¼ *Sec. Cor.*
79.88	*Intersect E. B. of Tp.* 16 *lks.* South *of cor. to secs.* 13-18-19-24 *from which corner, I run* S. 89° 53′ W. *on a true line, between sections* 13-24, *Variation* 15° 15′ *East.*
39.94	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *S. on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of post* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base around post.*
79.88	*The corner to sections* 13-14-23-24,
	Land rolling.
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains | North, between Sections 13 and 14.

Variation 15° 15′ East.

Descend.

4.00 Enter Creek Marsh, bro. N. 70° W. & S. 70° E.

6.00 Pine Cross Creek, 12 lks. wide, Course N. 70° W.

9.00 Leave Marsh, bears E. & W., and ascend

32.00 Top of Hill bears E. and W. and descend.

40.00 Set a Sand stone 12 x 9 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a Sand stone 11 x 9 x 6 ins. 7 ins. in the ground for Cor. to Secs. 11-12-13-14 marked with 4 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land rolling.
Soil 2nd & 3rd rate
Timber of Ash and Willow.
Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains | East, on a random line between Sections 12 and 13.

Variation 15° 25′ East.

Ascend.

Over rolling land.

40.00 Set temporary ¼ Sec. Cor.

79.71 Intersect E. B. of Sp., 11 lks. North of cor. to secs. 7-12-13-18 from which corner, I run N. 89° 55′ W. on a true line between sections 12-13

Variation 15° 25′ East

39.86 Set a Sand stone 12 x 9 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.71 The corner to sections 11-12-13-14,

Land rolling.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 11 and 12.
	Variation 15° 25′ East.
	Descend.
30.00	*Cross Gulch, 30 lks. wide, Course N. and ascend.*
40.00	*Set a* Sand *stone 8 x 7 x 6 ins., 5 ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.00	*Set a* Sand *stone 12 x 9 x 7 ins. 8 ins. in the ground for Cor. to Secs. 1-2-11-12 marked with 5 notch es on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 1 and 12.
	Variation 15° 25′ East.
	Ascend.
	Over rolling land.
40.00	*Set temporary ¼ Sec. Cor.*
79.64	*Intersect E. B. of Tp. 22 lks North of cor. to secs. 1-6-7-12 from which corner, I run N. 89° 51′ W. on a true line, between sections 1-12*
	Variation 15° 25′ East.
39.82	*Set a* Sand *stone 12 x 11 x 4 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.64	*The corner to sections 1-2-11-12,*
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains

North, on a random line between Sections 1 and 2.

Variation 15°25′ East.

Ascend.

6.00 Top of Hill bears E. and W. and descend.

40.00 Set temporary ¼ Sec. Cor.

79.94 Intersect N. B. of Tp. 35 lks. West of cor. to secs. 1-2-35-36 from which corner, I run S. 15′ W., on a true line, between sections 1-2,

Variation 15°25′ East.

39.94 Set a Sand stone 12 x 10 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.94 The corner to sections 1-2-11-12,

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

June 19, 1882.

Township 29 North Range 44 West

6th Principal Meridian.

Chains

North, between Sections 34 and 35.

Variation 15°15′ East.

Ascend.

40.00 Set a Sand stone 11 x 8 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

67.00 Top of Ridge, bears N.W. & S.E., and descend.

80.00 Set a Sand stone 14 x 8 x 4 ins. 9 ins. in the ground for Cor. to Secs. 26-27-34-35 marked with 1 notch on S. and 2 notches on E. sides. dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land ~~mountainous.~~ Rolling

Soil 3rd rate

Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 26 and 35.
	Variation 15°15' East.
	Descend.
25.00	*Cross Gulch, 30 lks. wide, Course S.W. and ascend.*
31.50	*Top of Ridge, bears N.W. & S.E., and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
79.71	*Intersect N. & S. line, 7 lks. North of cor. to secs. 25-26-35-36, from which corner, I run N.89°57' W. on a true line between sections 26-35,*
	Variation 15°15' East
39.86	***Set a Sand stone 13 x 10 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.***
79.71	*The corner to sections 26-27-34-35,*
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

6th Principal Meridian.

Chains	
	North, between Sections 26 and 27.
	Variation 15°15' East.
	Descend.
14.60	*Cross Gulch, 18 lks. wide, Course S.E., and ascend.*
29.50	*Top of Ridge, bears N.W. & S.E., and descend.*
40.00	***Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.***
54.20	*Cross low Sag and ascend.*
80.00	***Set a Sand stone 13 x 11 x 8 ins. 9 ins. in the ground for Cor. to Secs. 22-23-26-27, marked with 2 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.***
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains

East, on a random line between Sections 23 and 26.

Variation 15°20′ East.

Over rolling land.

31.60 *Top of Hill bears* N.W. & S.E., *and descend.*

40.00 *Set temporary ¼ Sec. Cor.*

46.00 *Cross low Sag and ascend.*

79.90 *Intersect N. & S. line,* 14 lks. South *of cor. to secs.* 23-24-25-26 *from which corner, I run*

S. 89°54′ W. *on a true line between sections* 23-26,

Variation 15°26′ *East*

39.95 *Set a* Sand *stone* 15 x 16 x 7 *ins.,* 10 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*

79.90 *The corner to sections* 22-23-26-27.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains

North, between Sections 22 and 23.

Variation 15°20′ East.

Over rolling land.

40.00 *Set a* Sand *stone* 16 x 13 x 8 *ins.,* 11 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*

80.00 *Set a* Sand *stone* 14 x 11 x 7 *ins.* 9 *ins. in the ground for Cor. to Secs.* 14-15-22-23, *marked with* 3 *notch es on S. and* 2 *notch es on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 15° 20′ East.
	Over rolling land.
40.00	*Set temporary ¼ Sec. Cor.*
51.00	*Descend.*
79.64	*Intersect N. & S. line,* 27 *lks.* South *of cor. to secs.* 13-14-23-24 *from which corner, I run* S. 89° 48′ W. *on a true line between sections* 14-23, *Variation* 15° 20′ *East*
39.82	*Set a* Sand *stone* 12 x 8 x 7 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.64	*The corner to sections* 14-15-22-23,

Land rolling.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 14 and 15. Variation 15° 20′ East.
	Descend.
18.00	Enter Creek Marsh, bears N. 70° W. & S. 70° E.
21.00	*Cross Creek* 15 *lks. wide, Course* N. 70° W.
25.00	Leave Creek Marsh, *and ascend.*
40.00	*Set a* Sand *stone* 14 x 12 x 11 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
60.00	*Top of Hill bears* E. *and* W., *and descend.*
80.00	*Set a* Sand *stone* 14 x 12 x 6 *ins.* 9 *ins. in the ground for Cor. to Secs.* 10-11-14-15 *marked with* 4 *notches on S. and* 2 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*

Land rolling.
Soil 3rd rate
Timber of Cottonwood, Ash & Willow.
Vegetation., Bunchgrass

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

June 20, 1882.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 11 and 14.
	Variation 15°25′ East.
	Over rolling land.
40.00	*Set temporary ¼ Sec. Cor.*
79.78	*Intersect N. & S. line,* 14 *lks.* South *of cor. to secs.* 11-12-13-14, *from which corner, I run* S. 89°54′ W. *on a true line between sections* 11-14.
	Variation 15°25′ *East*
39.89	*Set a* Sand *stone* 14 x 9 x 8 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on.* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.78	*The corner to sections* 10-11-14-15,
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	
	North, between Sections 10 and 11.
	Variation 15°25′ East.
	Descend.
3.00	Enter Creek Marsh, bears E. and W.
6.00	Cross Pine Creek 15 *lks. wide, Course* East,
10.00	Leave Creek Marsh, brs. E. & W. & ascend.
20.00	*Top of Hill bears* E. and W. *and descend.*
40.00	*Set a* Sand *stone* 14 x 9 x 6 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
40.50	Cross Pine Creek 20 *lks. wide, Course* West *and ascend.*
80.00	*Set a* Sand *stone* 12 x 8 x 4 *ins.* 8 *ins. in the ground for Cor. to Secs.* 2-3-10-11 *marked with* 5 *notches on S. and* 2 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.* on
	Top of Hill bears N. E. & S. W. *and descend.*
	Land rolling.
	Soil 2nd & 3rd *rate*
	Timber of Cottonwood, Ash & Willow.
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	
	East, on a random line between Sections 2 and 11.
	Variation 15° 30′ East.
	Over rolling land.
40.00	*Set temporary ¼ Sec. Cor.*
80.12	*Intersect N. & S. line,* 25 lks. South *of cor. to secs.* 1-2-11-12 *from which corner, I run* S. 89° 49′ W. *on a true line between sections* 2-11
	Variation 15° 30′ *East*
40.06	*Set a* Sand stone 12 x 6 x 4 ins., 8 ins. *in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.12	*The corner to sections* 2-3-10-11.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian

Chains	
	North, on a random line between Sections 2 and 3.
	Variation 15° 30′ East.
	Descend.
40.00	*Set temporary ¼ Sec. Cor.*
41.00	*Cross Gulch,* lks. *wide, Course* [illegible] *and ascend.*
45.00	*Top of Hill bears* *and descend.*
60.00	*Cross low Sag and ascend.*
80.17	*Intersect* N. B. *of Tp.* 52 lks. West *of cor. to secs.* 2-3-34-35 *from which corner, I run* S. 22′ W., *on a true line, between sections* 2-3.
	Variation 15° 30′ *East.*
40.17	*Set a* Sand stone 19 x 8 x 4 ins., 14 ins. *in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.17	*The corner to sections* 2-3-10-11.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains

North, between Sections 33 and 34.

Variation 15°05′ East.

Over rolling land.

40.00 *Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*

80.00 *Set a* Sana *stone* 12 x 9 x 7 *ins.* 8 *ins. in the ground for Cor. to Secs.* 27-28-33-34, *marked with* / *notch on S. and* 3 *notch* ∞ *on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*

Land rolling.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains

East, on a random line between Sections 27 and 34

Variation 15°15′ East.

Over rolling land.

40.00 *Set temporary ¼ Sec. Cor.*

79.81 *Intersect N. & S. line,* 17 *lks.* South *of cor. to secs.* 26-27-34-35 *from which corner, I run* S 89°53′ W. *on a true line between sections* 27-34.

Variation 15°15′ *East*

39.91 *Set a* Sana *stone* 9 x 8 x 7 *ins.,* 6 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*

79.81 *The corner to sections* 27-28-33-34.

Land rolling.
Soil 3rd rate
Vegetation, Bunchgrass.

June 21st 1882.

Township 29 North Range 44 West

6th Principal Meridian.

Chains

North, between Sections 27 and 28.

Variation 15° 15′ East.

Over rolling land.

40.00 *Set a* Sand *stone* 11 x 8 x 6 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*

80.00 *Set a* Sand *stone* 12 x 9 x 8 *ins.* 8 *ins. in the ground for Cor. to Secs.* 21-22-27-28, *marked with* 2 *notches on S. and* 3 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,* 5½ *ft. dist. and raised a mound of earth 2 ft. high,* 4½ *ft. base.*

Land rolling.

Soil 3rd *rate*

Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains

East on a random line between Sections 22 and 27.

Variation 15° 20′ East.

Over rolling land.

40.00 *Set temporary* ¼ *Sec. Cor.*

79.63 *Intersect N. & S. line,* 4 *lks.* South *of cor. to secs.* 22-23-26-27 *from which corner, I run* S. 89° 58′ W. *on a true line between sections* 22-27.

Variation 15° 20′ *East*

39.82 *Set a* Sand *stone* 11 x 9 x 6 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*

79.63 *The corner to sections* 21-22-27-28.

Land rolling.

Soil 3rd *rate*

Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 21 and 22. Variation 15°20′ East.
	Over rolling land,
40.00	Set a Sand stone 12 x 8 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 11 x 8 x 6 ins. 7 ins. in the ground for Cor. to Secs. 15-16-21-22 marked with 3 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 15 and 22. Variation 15°25′ East.
	Over rolling land.
40.00	Set temporary ¼ Sec. Cor.
79.94	Intersect N. & S. line, 14 lks. North of cor. to secs. 14-15-22-23 from which corner, I run N.89°54′ W. on a true line between sections 15-22. Variation 15°25′ East
39.97	Set a Sand stone 12 x 9 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.94	The corner to sections 15-16-21-22.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains — North, between Sections 15 and 16.

Variation 15°25' East.

40.00 Set a Sand stone 11 x 9 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

70.00 Cross low Sag and ascend.

80.00 Set a Sand stone 12 x 10 x 8 ins. 8 ins. in the ground for Cor. to Secs. 9-10-15-16, marked with 4 notches on S. and 3 notches on E. dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land rolling.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains — East, on a random line between Sections 10 and 15.

Variation 15°25' East.

Over rolling land.

40.00 Set temporary ¼ Sec. Cor.

79.87 Intersect N. & S. line, 16 lks. North of cor. to secs. 10-11-14-15 from which corner, I run N.89°53' W. on a true line between sections 10-15.

Variation 15°25' East

39.94 Set a Sand stone 12 x 9 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.87 The corner to sections 9-10-15-16.

Land rolling.
Soil 3rd rate
Vegetation, Bunchgrass.

June 22, 1882.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 15° 25′ East.
21.00	Top of Hill bears E. and W. and descend.
40.00	Set a Sand stone 10 x 8 x 4 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
76.00	Cross Gulch, 15 lks. wide, Course E, and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs, 3-4-9-10, marked T, 29 N., S, 3 , on N, E, R, 44 W, S. 10 on S, E, S, 9 on S, W, and S, 4 on N, W, face, with 5 notches on S, and 3 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec,, 5½ ft, dist,, and raised a mound of earth 2 ft, high, 4 ½ ft, base around post.

Land ~~mountainous~~ Rolling
Soil 3rd rate
Timber of Pine Cottonwood and Elder,
Vegetation. Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	East on a random line between Sections 3 and 10. Variation 15° 30′ East.
	Descend.
8.00	Cross Creek 10 lks. wide, Course North and ascend.
40.00	Set temporary ¼ Sec. Cor.
79.58	Intersect N. & S. line, 11 lks North of cor. to secs. 2-3-10-11 from which corner, I run N. 89° 55′ W. on a true line between sections 3-10 Variation 15° 30′ East
39.79	Set a Sand stone 10 x 8 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.58	The corner to sections 3-4-9-10.

Land rolling.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	North, on a random line between Sections 3 and 4.
	Variation 15° 30′ East.
	Ascend.
40.00	Set temporary ¼ Sec. Cor.
42.00	Top of Hill bears E. and W. and descend.
56.00	Cross Gulch, 30 lks. wide, Course East and ascend.
62.00	Top of Spur, bears N.W. & S.E. and descend.
78.00	Cross Gulch, 30 lks. wide, Course N.20 W and ascend.
79.71	Intersect N.B. of Tp. 28 lks. West of cor. to secs. 3-4-33-34 from which corner, I run S. 12′ W. on a true line, between sections 3-4.
	Variation 15° 30′ East.
39.71	Set a Sand stone 15 x 10 x 5 ins., 10 ins. in the grouud, for ¼ Sec. Cor., marked ¼ on W face and raised a mound of stone.
	Pits impracticable.
79.71	The corner to sections 3-4-9-10
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 32 and 33.
	Variation 14° 55′ East.
8.00	Cross low Sag and ascend.
35.50	Top of Ridge, bears E. and W. and descend.
40.00	Set a Sand stone 11 x 9 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
	In low Sag and ascend.
45.00	Top of Ridge, bears E. and W. and descend.
65.00	Cross low Sag and ascend.
80.00	Set a Sand stone 14 x 12 x 6 ins. 9 ins. in the ground for Cor. to Secs. 28-29-32-33, marked with / notch on S. and 4 notches on E. edges and raised a mound of stone. Pits impracticable.
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains

East, on a random line between Sections 28 and 33.
Variation 15° 30′ East.

Over rolling land.

40.00 *Set temporary ¼ Sec. Cor.*

80.12 *Intersect N. & S. line,* 24 lks. North *of cor. to secs.* 27-28-33-34 *from which corner, I run* N. 89° 50′ W. *on a true line between sections* 28-33
Variation 15° 30′ *East*

40.06 ***Set a*** Sand *stone* 12 x 11 x 8 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*

80.12 *The corner to sections* 28-29-32-33,

Land rolling.
Soil 3rd rate
Vegetation, Bunchgrass.

June 23, 1882.

Township 29 North Range 44 West
6th Principal Meridian

Chains

North, between Sections 28 and 29.
Variation 15° 30′ East.

Ascend.

37.00 *Top of Ridge, bears* E. and W. *and descend:*

40.00 ***Set a*** Sand *stone* 12 x 9 x 8 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*

70.00 *Cross low Sag and ascend.*

80.00 ***Set a*** Sand *stone* 12 x 9 x 7 *ins.* 8 *ins. in the ground for Cor. to Secs.* 20-21-28-29 *marked with* 2 *notches on S. and* 4 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*

Land mountainous.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains

East, on a random line between Sections 21 and 28.

Variation 15° 25′ East.

Over hilly land.

40.00 Set temporary ¼ Sec. Cor.

79.86 Intersect N. & S. line, 24 lks. North of cor. to secs. 21-22-27-28 from which corner, I run N. 89° 50′ W. on a true line between sections 21-28

Variation 15° 25′ East

39.93 Set a Sand stone 13 x 12 x 11 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.86 The corner to sections 20-21-28-29.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian

Chains

North, between Sections 20 and 21.

Variation 15° 25′ East.

Over rolling land.

26.00 Top of Ridge, bears E. and W. and descend.

40.00 Set a Sand stone 12 x 11 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

50.00 Enter Flat bears, E. and W.

80.00 Set a Sand stone 12 x 10 x 8 ins. 8 ins. in the ground for Cor. to Secs. 16-17-20-21, marked with 3 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land ~~mountainous.~~ Rolling

Soil 3rd rate

Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	East, on a random line between Sections 16 and 21. Variation 15° 20′ East.
20.00	Over level land Ascend,
40.00	Set temporary ¼ Sec. Cor.
47.00	Top of Ridge, bears N.E. and S.W. and descend.
72.00	Cross low Sag and ascend.
80.09	Intersect N. & S. line, 15 lks. North of cor. to secs. 15-16-21-22, from which corner, I run N. 89° 54′ W. on a true line between sections 16 - 21. Variation 15° 20′ East
40.05	Set a Sand stone 14 x 12 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.09	The corner to sections 16-17-20-21.

Land mountainous. 60.09 chs — Level 20.00 chs.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 16 and 17. Variation 15° 20′ East.
22.00	Leave Flat bears E. and W. and ascend.
40.00	Set a Sand stone 14 x 12 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
47.50	Top of Ridge, bears E. and W. and descend.
72.50	Cross low Sag and ascend.
80.00	Set a Sand stone 15 x 9 x 5 ins. 10 ins. in the ground for Cor. to Secs. 8-9-16-17 marked with 4 notches on S. and 4 notches on [illegible] dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land mountainous — 58.00 chs.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16. Variation 15° 20′ East.
	Ascend.
40.00	Set temporary ¼ Sec. Cor.
50.00	Top of Hill bears N. and S. and descend.
80.16	Intersect N. & S. line, 22 lks. South of cor. to secs. 9-10-15-16, from which corner, I run S. 89° 51′ W. on a true line between sections 9-16, Variation 15° 20′ East
40.08	Set a Sand stone 11 x 9 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.16	The corner to sections 8-9-16-17.
	Land rolling.
	Soil 3rd rate.
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 8 and 9. Variation 15° 20′ East.
27.00	Cross low Sag and ascend.
40.00	Set a Sand stone 14 x 13 x 11 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
56.00	Top of Ridge, bears E. and W. and descend.
80.00	Set a Sand stone 14 x 8 x 6 ins. 9 ins. in the ground for Cor. to Secs. 4-5-8-9 marked with 5 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

June 24, 1882.

Township 29 North Range 44 West
6th Principal Meridian.

Chains East, on a random line between Sections 4 and 9.
Variation 15° 30′ East.

Ascend.

40.00 Set temporary ¼ Sec. Cor.

53.00 Top of Hill bears N.W. & S.E., and descend.

79.94 Intersect N. & S. line, 26 lks. South of cor. to secs. 3-4-9-10 from which corner, I run S.89°49′W. on a true line between sections 4-9.
Variation 15° 30′ East

39.97 Set a Sand stone 14 x 12 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.94 The corner to sections 4-5-8-9.

Land rolling.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains North, on a random line between Sections 4 and 5.
Variation 15° 30′ East.

Ascend.

20.00 Top of Ridge, bears E. and W. and descend.

40.00 Set temporary ¼ Sec. Cor.

40.05 Cross Gulch, 20 lks. wide, Course N.W. and ascend.

56.00 Top of Ridge, bears N.W. & S.E., and descend.

63.00 Cross Gulch, 30 lks. wide, Course N.W. and ascend.

67.00 Top of Ridge, bears N.W. & S.E., and descend.

79.95 Intersect N. B. of Tp. 19 lks. West of cor. to secs. 4-5-32-33 from which corner, I run S.8′W., on a true line, between sections 4-5
Variation 15° 30 East.

39.95 Set a Sand stone 12 x 11 x 9 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.95 The corner to sections 4-5-8-9.

Land mountainous.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	
	North, between Sections 31 and 32. Variation 14° 50′ East.
	Descend.
40.00	*Set a* Sand *stone* 11 x 9 x 8 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits 18 x 18 x 12 ins.,* E *and* W *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
48.50	*Cross low Sag and ascend.*
72.50	*Top of Hill bears* N.W. *and* S.E. *and descend.*
80.00	*Set a* Sand *stone* 12 x 11 x 9 *ins.* 8 *ins. in the ground for Cor. to Secs.* 29-30-31-32 *marked with* 1 *notch on S. and* 5 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,* 5½ *ft. dist. and raised a mound of earth 2 ft. high,* 4½ *ft. base.*
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	
	East, on a random line between Sections 29 and 32. Variation 15° 35′ East.
	Over rolling land.
40.00	*Set temporary* ¼ *Sec. Cor.*
79.84	*Intersect N. & S. line,* 11 *lks.* North *of cor. to secs.* 28-29-32-33, *from which corner, I run* N.89° 55′ W. *on a true line between sections* 29-32 *Variation* 15° 35′ *East*
39.92	*Set a* Sand *stone* 12 x 12 x 6 *ins.,* 8 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
79.84	*The corner to sections* 29-30-31-32,
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	West, on a random line between Sections 30 and 31. Variation 15° 35′ East.
	Descend.
	Over rolling land.
40.00	*Set temporary ¼ Sec. Cor.*
49.00	*Cross low Sag and ascend.*
73.00	*Top of Hill bears* N.W. and S.E., *and descend,*
79.83	*Intersect W B. of Tp.* 51 *lks.* North *of cor. to secs.* 25-30-31-36 *from which corner, I run* N. 89° 38′ E., *on a true line, between sections* 30-31. *Variation* 15° 35′ *East.*
39.83	*Set a* Sand *stone* 12 x 8 x 6 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.83	*The corner to sections* 29-30-31-32.

Land rolling.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian

Chains	North, between Sections 29 and 30. Variation 15° 35′ East.
	Descend.
5.15	*Cross Gulch,* 30 *lks. wide, Course* S.W. *and ascend.*
40.00	*Set a* Sand *stone* 12 x 11 x 8 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
71.00	*Top of Ridge, bears* E. and W., *and descend.*
80.00	*Set a* Sand *stone* 12 x 10 x 8 *ins.* 8 *ins. in the ground for Cor. to Secs.* 19-20-29-30, ~~*marked*~~ *with* 2 *notch* 20 *on S. and* 5 *notch* 90 *on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*
	In low Sag and ascend.

Land Rolling ~~mountainous~~.
Soil 3rd rate
Vegetation, Bunchgrass.

June 26, 1882.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29.
	Variation 15°30′ East.
40.00	*Set temporary ¼ Sec. Cor.*
79.91	*Intersect N. & S. line,* 31 lks. North *of cor. to secs.* 20-21-28-29 *from which corner, I run* N 89°47′ W. *on a true line between sections* 20-29.
	Variation 15°30′ *East*
39.96	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
79.91	*The corner to sections* 19-20-29-30.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30.
	Variation 15°30 East.
	Descend.
40.00	*Set temporary ¼ Sec. Cor.*
80.18	*Intersect* N.B. *of Tp.* 48 lks. North *of cor. to secs.* 19-24-25-30 *from which corner, I run* N. 89°39′ E., *on a true line, between sections* 19-30
	Variation 15°30′ *East.*
40.18	*Set a* Sand *stone* 12 x 11 x 9 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft base.*
80.18	*The corner to sections* 19-20-29-30.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 19 and 20.
	Variation 15° 30′ East.
40.00	Set a Sand stone 11 x 9 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
47.00	Top of Ridge, bears N 80° W. & S 80° E, and descend.
60.00	Enter Flat bears E and W.
80.00	Set a Sand stone 16 x 12 x 11 ins. 11 ins. in the ground for Cor. to Secs. 17-18-19-20, marked with 3 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land ~~mountainous~~ Rolling & level.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20.
	Variation 15° 20′ East.
40.00	Set temporary ¼ Sec. Cor.
79.63	Intersect N. & S. line, 20 lks. North of cor. to secs. 16-17-20-21 from which corner, I run N 89° 51′ W. on a true line between sections 17-20
	Variation 15° 20′ East
39.82	Set a Sand stone 14 x 12 x 11 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.63	The corner to sections 17-18-19-20,
	Land level.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	West, on a random line between Sections 18 and 19.
	Variation 15° 20′ East.
21.00	Leave Flat bears N.W. & S.E. and ascend.
34.00	Top of Ridge, bears N.W. & S.E. and descend.
40.00	Set temporary ¼ Sec. Cor.
80.42	Intersect W. B. of Tp. 22 lks. North of cor. to secs. 13-18-19-24 from which corner, I run N.89° 51′ E., on a true line, between sections 18-19,
	Variation 15° 20′ East.
40.42	Set a Sand stone 15 x 10 x 6 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.42	The corner to sections 17-18-19-20
	Land ~~mountainous~~ Hilly.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 17 and 18.
	Variation 15° 20′ East.
1.30	Leave Flat bears E. and W. and ascend.
31.00	Top of Hill bears E. and W. and descend.
33.50	Cross low Sag and ascend.
40.00	Set a Sand stone 12 x 10 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.00	Top of Ridge, bears N.80 W. & S.80 E. and descend.
80.00	Set a Sand stone 13 x 12 x 9 ins. 9 ins. in the ground for Cor. to Secs. 7-8-17-18 marked with 4 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 8 and 17.
	Variation 15° 20 East.
	Over rolling land.
40.00	*Set temporary ¼ Sec. Cor.*
79.78	*Intersect N. & S. line,* 43 *lks.* North *of cor. to secs.* 8-9-16-17, *from which corner, I run* N. 89° 45' W. *on a true line between sections* 8-17
	Variation 15° 20' *East*
39.89	*Set a* Sand *stone* 11 x 9 x 8 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.78	*The corner to sections* 7-8-17-18,
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	June 27, 1882.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18.
	Variation 15° 20' East.
	Ascend.
35.50	*Top of Hill bears* N. and S., *and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
46.50	*Cross Gulch,* 30 *lks. wide, Course* N. 10° W. *and ascend.*
70.00	*Top of Hill bears* N.W. and S.E., *and descend.*
80.70	*Intersect* W. *B. of Tp.* 60 *lks.* North *of cor. to secs.* 7-12-13-18, *from which corner, I run* N. 89° 34' E. *on a true line, between sections* 7-18.
	Variation 15° 20' *East.*
40.70	*Set a* Sand *stone* 11 x 10 x 8 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.70	*The corner to sections* 7-8-17-18,
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains North, between Sections 7 and 8.

Variation 15° 20' East.

Descend.

40.00 *Set a* Sand *stone* 11 x 9 x 6 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*

58.00 *Cross low Sag and ascend.*

80.00 *Set a* Sand *stone* 11 x 10 x 9 *ins.* 7 *ins. in the ground for Cor. to Secs.* 5-6-7-8 *marked with* 5 *notches on S. and* 5 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,* 5½ *ft. dist. and raised a mound of earth 2 ft. high,* 4½ *ft. base.*

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains East, on a random line between Sections 5 and 8.

Variation 15° 20' East.

Ascend.

40.00 *Set temporary* ¼ *Sec. Cor.*

79.54 *Intersect N. & S. line,* 14 *lks.* North *of cor. to secs.* 4-5-8-9 *from which corner, I run* N.89°54' W. *on a true line between sections* 5-8.

Variation 15° 20' *East*

39.77 *Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *S. on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of post* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base around post.*

79.54 *The corner to sections* 5-6-7-8.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	West, on a random line between Sections 6 and 7. Variation 15° 20′ East.
	Ascend.
40.00	*Set temporary ¼ Sec. Cor.*
80.46	*Intersect N. B. of Tp.* 33 lks. North *of cor. to secs.* 1-6-7-12 *from which corner, I run* N. 89° 46′ E. *on a true line, between sections* 6-7 *Variation* 15° 20′ *East.*
40.46	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
80.46	*The corner to sections* 5-6-7-8.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 North Range 44 West

6th Principal Meridian.

Chains	North, on a random line between Sections 5 and 6. Variation 15° 20′ East.
	Ascend.
4.50	*Top of Spur, bears* E. and W. *and descend.*
10.00	*Cross Gulch,* 30 lks. *wide, Course* W. *and ascend.*
19.00	*Top of Hill bears* N. 70° W. and S. 70° E. *and descend.*
30.00	*Cross Gulch,* 40 lks. *wide, Course* N.W. *and ascend.*
40.00	*Set temporary ¼ Sec. Cor. on Top of Ridge, bears* N.W. & S.E. *and descend.*
58.00	*Cross Gulch,* 30 lks. *wide, Course* N. 30° W. *and ascend.*
64.00	*Top of Spur, bears* N. 70° W. & S. 70° E. *and descend.*
69.00	*Cross Gulch,* 30 lks. *wide, Course* W. *and ascend.*
72.50	*Cross Road, bears* N. 70° E. and S. 80° W.
79.76	*Intersect N. B. of Tp.* 42 lks. West *of cor. to secs.* 5-6-31-32 *from which corner, I run* S. 18° W. *on a true line, between sections* 5-6 *Variation* 15° 20′ *East.*
39.76	*Set a* Sand stone 12 x 8 x 7 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.76	*The corner to sections* 5-6-7-8.
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

June 28, 1882.

GENERAL DESCRIPTION.

The land in this Township is rolling and mountainous. The soil is generally 3rd rate. Pine Creek flows through the North eastern part of the Tp., along the bank of which may be found Pine Cottonwood Ash and Willow timber. The growth of Bunchgrass throughout the Tp., is abundant and of good quality.

U. S. Surveyor General's Office.

Plattsmouth Nebraska

December 18th 1882

The foregoing Field Notes of the surveys of

Sub-division lines & Township

29 North, Range 44 West

of the Principal Base and

Meridian

in the State of Neb. *executed by*

O. F. Hickey

U. S. Deputy Surveyor, in the month of June 1882. *under his contract* No. 4 *dated*

November 10th 1881

having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

Geo Sumner

U. S. Surveyor-General for Neb. & Ia.

D. F. Hickey Deputy Surveyor.

T. 30 **North R.** 14 **West.**

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 30 North Range 14 West

6th Principal Meridian.

BY

D. F. Hickey Deputy Surveyor.

Under his Contract of Nov. 10, 1881

Survey Commenced July 11, 1882.

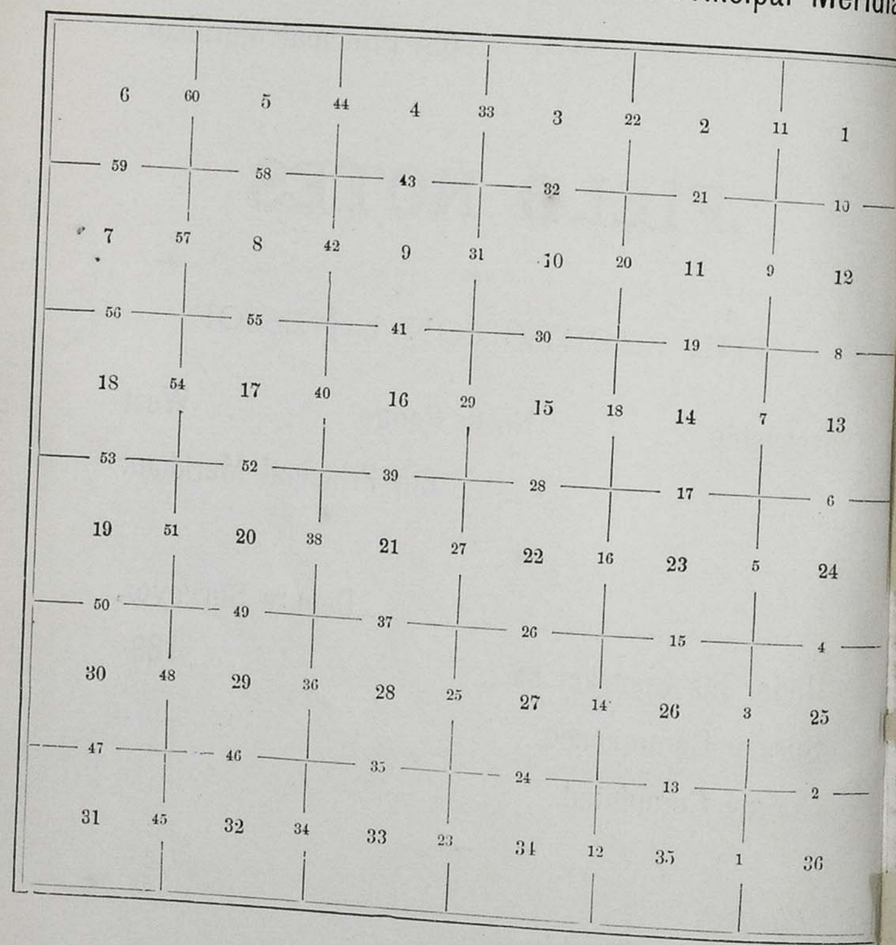
Survey Completed July 21, 1882.

Platted,
Copied for Washington,
Copied for Register,

Edward Denny & Co., Stationers & Printers, S. F. Cal.

Township..... Range.....

..... 6th Principal Meridian



Edward Denny & Co., Stationers & Printers, S. F., Cal.

Copyright Secured,
Entered according to Act of Congress, in the Clerk's Office of the Librarian of Congress at Washington, D. C., in the year 1880.

wnship..... North..... Range..... West

..... 6th Principal Meridian.

Township ..... North ..... Range ..... West

..... 6th Principal Meridian.

Township ..... North ..... Range ..... West

..... 6th Principal Meridian.

Survey made with Burt's Patent Improved Solar Compass, nearly new, and in first rate order. Made by W. & L. E. Gurley *of* Troy New York *in* 1879.

Before proceeding to subdivide this Tp., I made a change of 5 *minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.*

Township 30 North Range 14 West
(See previous page.)
6th Principal Meridian.

Chains	
	From the corner to Sections 35, 36, 1 and 2 on the South boundary; I run North, between Sections 35 and 36.
	Variation 15° 35′ East.
	Descend.
33.00	*Cross low Sag and ascend.*
36.50	*Top of Hill bears* N.60°W. & S.60°E., *and descend.*
40.00	*Set a post 3 ft. long, 3 ins. diam.*
	12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
41.30	*Cross Gulch,* 20 *lks. wide, Course* N.55° W *and ascend.*
51.00	*Top of Ridge, bears* N.W. & S.E., *and descend.*
80.00	*Set a post 4 ft. long, 4 ins. square,*
	12 ins. in the ground, for Cor. to Secs. 25-26-35-36 *marked T.* 30 N., *S.* 25 *on N. E., R.* 14 W., *S.* 36 *on S. E. S* 35 *on S. W and S.* 26 *on N. W. face, with* / *notch on S. and* / *notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.*
	Land mountainous.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 30 North Range 14 West
6th Principal Meridian.

Chains	
	East, on a random line between Sections 25 and 36.
	Variation 15° 25′ East.
	Ascend.
40.00	*Set temporary ¼ sec. cor.*
80.07	*Intersect* E. *B. of Tp.* 11 *lks.* S *of cor. to secs.* 25-30-31-36 *from which corner, I run* S.89°55′W., *on a true line, between sections* 25-36
	Variation 15° 25′ *East.*
40.04	*Set a post 3 ft. long, 3 ins. diam.*
	12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
80.07	*The corner to sections* 25-26-35-36,
	Land hilly
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 30 North Range 44 West
6th Principal Meridian.

Chains	
	North, between Sections 25 and 26.
	Variation 15° 25' East.
	Descend gradually over rolling Tableland,
38.29	Cross Road, bears N. 80° E. & S. 80° W.
40.00	Set a Sand stone 12 x 9 x 5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 23-24-25-26, marked T. 30 N., S. 24 on N. E., R. 44 W., S. 25 on S. E., S. 26 on S. W and S. 23 on N. W. face, with 2 notch es on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West
6th Principal Meridian.

Chains	
	East, on a random line between Sections 24 and 25.
	Variation 15° 30 East.
	Over level land.
40.00	Set temporary ¼ sec. cor.
80.12	Intersect E. B. of Tp. 9 lks South of cor. to secs. 19-24-25-30 from which corner, I run S. 89° 56' W., on a true line, between sections 24-25
	Variation 15° ~~35~~ 30 East.
40.06	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
80.12	The corner to sections 23-24-25-26,
	Land level.
	Soil 3rd rate
	Vegetation, Bunchgrass.
	July 11, 1882.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 23 and 24. Variation 15° 30′ East.
	Over level land
17.00	Leave Tableland and descend.
30.00	Center River Bottom, bo E. and W.
39.60	Cross Running Water River, 250 lks. wide, Course East,
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
49.50	Leave River Bottom and ascend.
74.00	Top of Ridge, bears E. and W., ~~and descend~~.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 13-14-23-24, marked T.30N., S.13 on N. E., R 44W., S. 24 on S. E., S 23 on S. W and S. 14 on N. W. face, with 3 notch es on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.
	Land ~~mountainous~~ Rolling and level.
	Soil 2nd & 3rd rate.
	Timber of Cottonwood & Willow,
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 13 and 24. Variation 15° 25′ East.
	~~Ascend~~.
5.00	Top of Hill bears N. and S., and descend.
21.40	Cross low Sag and ascend.
40.00	Set temporary ¼ sec. cor.
46.50	Top of Hill bears N.W. and S.E., and descend.
80.14	Intersect E. B. of Tp. 17 lks. South of cor. to secs. 13-18-19-24 from which corner, I run S.89° 53′ W., on a true line, between sections 13-24, Variation 15° 25′ East.
40.07	Set a Sand stone 13 x 10 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.14	The corner to sections 13-14-23-24.
	Land hilly
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 13 and 14. Variation 15°25' East.
	Ascend.
9.00	*Top of Hill bears* N.W. & S.E. *and descend.*
20.00	*Cross low Sag and ascend.*
40.00	*Set a* Sand *stone* 13 x 8 x 2 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* on
	Top of Ridge, bears E. and W. *and descend.*
47.00	*Cross low Sag and ascend.*
55.00	*Top of Hill bears* N.80°W. S.80°E. *and descend.*
80.00	*Set a* Sand *stone* 12 x 10 x 6 *ins.* 8 *ins. in the ground for Cor. to Secs.* 11-12-13-14 *marked with* 4 *notches on S. and* 1 *notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.*
	Land ~~mountainous and~~ *hilly*
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 30 North Range 44 West
6th Principal Meridian.

Chains	East, on a random line between Sections 12 and 13. Variation 15°20' East.
	Ascend.
30.00	*Top of Hill bears* N.20°W. S.20°E. *and descend.*
40.00	*Set temporary ¼ sec. cor.*
80.20	*Intersect* E.B. *of Tp.* 23 *lks.* South *of cor. to secs.* 7-12-13-18 *from which corner, I run* S.89°50'W. *on a true line, between sections* 12-13
	Variation 15°20' *East.*
40.10	*Set a* Sand *stone* 11 x 8 x 5 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.20	*The corner to sections* 11-12-13-14.
	Land hilly
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian

Chains	North, between Sections 11 and 12. Variation 15° 20′ East.
	Ascend.
40.00	*Set a* Sand *stone* 12 x 10 x 8 *ins.,* 8 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
60.00	*Top of Ridge, bears* E. and W., *and descend.*
80.00	*Set a* Sand *stone* 13 x 11 x 4 *ins.* 9 *ins. in the ground for Cor. to Secs.* 1-2-11-12 *marked with* 5 *notches on S. and* 1 *notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,* 5½ *ft. dist., and raised a mound of earth 2 ft. high* 4½ *ft. base.*

Land ~~mountainous~~ hilly

Soil 3rd rate

Vegetation, Bunchgrass.

July 12, 1882.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 15° 25′ East.
	Descend.
30.40	*Cross low Sag and ascend.*
40.00	*Set temporary* ¼ *sec. cor.*
57.00	*Top of Ridge, bears* N.W. & S.E., *and descend.*
80.27	*Intersect E.B. of Tp.* 24 *lks.* South *of cor. to secs.* 1-6-7-12 *from which corner, I run* S 89° 50′ W., *on a true line, between sections* 1-12 *Variation* 15° 40′ *East.*
40.14	*Set a* Sand *stone* 11 x 9 x 6 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
80.27	*The corner to sections* 1-2-11-12.

Land mountainous.

Soil 3rd rate

Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, on a random line between Sections 1 and 2. Variation 15° 25' East.
	Descend.
40.00	*Set temporary ¼ sec. cor.*
46.50	*Cross Gulch, 30 lks. wide, Course N.80° W. and ascend.*
61.00	*Top of Hill bears N.80° W. & S.80° E. and descend.*
79.40	*Intersect N.B. of Tp. 40 lks. East of cor. to secs. 1-2-35-36 from which corner, I run S.17° E., on a true line, between sections 1-2*
	Variation 15° 30' East.
39.40	*Set a Sand stone 11 x 8 x 3 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.40	*The corner to sections 1-2-11-12,*
	Land hilly
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 34 and 35. Variation 15° 35' East.
	Ascend.
25.00	*Top of Hill bears N.80° W. & S.80° E. and descend.*
40.00	*Set a Sand stone 10 x 9 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.00	*Set a Sand stone 12 x 10 x 9 ins. 8 ins. in the ground for Cor. to Secs. 26-27-34-35 marked with 1 notch on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.*
	Land hilly
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass
	Timber of Cottonwood.

Township 30 North Range 44 West
6th Principal Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 15° 25' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
80.13	Intersect N. & S. line, 22 lks. North of cor. to secs. 25-26-35-36, from which corner, I run N. 89° 51' W. on a true line between sections 26-35. Variation 15° 25' East.
40.07	Set a Sand stone 14 x 9 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits, 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.13	The corner to sections 26-27-34-35,
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 26 and 27. Variation 15° 25' East.
	Over level land
21.00	Cross Road, bears, N. 70° E. and S. 70° W.
40.00	Set a Sand stone 12 x 8 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 14 x 12 x 9 ins. 9 ins. in the ground for Cor. to Secs. 22-23-26-27 marked with 2 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land level.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West
6th Principal Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 15°20′ East.
	Over level land
40.00	*Set temporary ¼ sec. cor.*
79.80	*Intersect N. & S. line,* 19 *lks.* N. *of cor. to secs.* 23-24-25-26, *from which corner, I run* N.89°52′ *W. on a true line between sections* 23-26. *Variation* 15°~~30′~~ 20′ *East.*
39.90	*Set a* Sand *stone* 14 x 11 x 9 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.80	*The corner to sections* 22-23-26-27. *Land level.* *Soil* 3rd *rate* *Vegetation,* Bunchgrass. July 13, 1882.

Township 30 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 22 and 23. Variation 15°20′ East.
	Over level land.
20.00	*Descend.*
31.00	Center River Bottom, bears E. and W.
40.00	*Set a* Lime *stone* 10 x 8 x 6 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist.; and raised a mound of earth 1½ ft. high, 3½ ft. base.*
54.30	To South Bank of Niobrara River.
57.30	To North Bank of same, course E. *and ascend.*
80.00	*Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs.* 14-15-22-23, *marked T.* 30 N. *S.* 14, *on N. E., R.* 44 W. *S.* 23 *on S. E., S.* 22 *on S. W. and S.* 15 *on N. W. face, with* 3 *notches on S. and* 2 *notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.* *Land level.* and *hilly* *Soil* 2nd & 3rd *rate* *Vegetation,* Bunchgrass. *Timber of* Cottonwood and Willow.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 15°15' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.87	*Intersect N. & S. line,* 28 *lks.* N., *of cor. to secs.* 13-14-23-24 *from which corner, I run* N. 89°48' *W. on a true line between sections* 14-23 *Variation* 15°25' *East.*
39.94	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
79.87	*The corner to sections* 14-15-22-23
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 14 and 15. Variation 15°15' East.
	Over rolling land.
40.00	*Set a* Sand *stone* 12 x 8 x 6 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* S. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.00	*Set a* Sand *stone* 10 x 8 x 6 *ins.,* 7 *ins. in the ground for Cor. to Secs.* 10-11-14-15 *marked with* 4 *notches on S. and* 2 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.*
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 11 and 14. Variation 15° 20′ East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.82	*Intersect N. & S. line,* 16 *lks.* N *of cor. to secs.* 11-12-13-14 *from which corner, I run* N 89° 53′ *W. on a true line between sections* 11-14 *Variation* 15° 20′ *East.*
39.91	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on* N *. face, dug pits, 18 x 18 x 12 ins.,* N *. and* S *. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
79.82	*The corner to sections* 10-11-14-15
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Timehgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 10 and 11. Variation 15° 20′ East.
	Over rolling land.
40.00	*Set a* Sand *stone* 10 x 8 x 6 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E *. and* W *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.00	*Set a* Sand *stone* 10 x 8 x 6 *ins.* 7 *ins. in the ground for Cor. to Secs.* 2-3-10-11 *marked with* 5 *notches on S. and* 2 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.*
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Timehgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 2 and 11. Variation 15°15' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.94	*Intersect N. & S. line,* 12 *lks.* N., *of cor. to secs.* 1-2-11-12 *from which corner, I run* N.89°55' W. *on a true line between sections* 2-11 *Variation* 15°~~25~~15' *East.*
39.97	*Set a* Sand *stone* 11 x 8 x 6 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.94	*The corner to sections* 2-3-10-11. *Land rolling.* *Soil* 3rd *rate* *Vegetation,* Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian

Chains	North, on a random line between Sections 2 and 3. Variation 15°15' East.
	Ascend.
25.00	*Top of Hill bears* E. and W., *and descend.*
40.00	*Set temporary ¼ sec. cor.*
45.00	*Cross low Sag and ascend.*
64.00	*Top of Hill bears* N.W. & S.E., *and descend.*
79.87	*Intersect* N. *B. of Tp.* 60 *lks.* East *of cor. to secs.* 2-3-34-35 *from which corner, I run* S.26' E., *on a true line, between sections* 2-3 *Variation* 15°~~25~~15' *East.*
39.87	*Set a* Sand *stone* 11 x 9 x 6 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.87	*The corner to sections* 2-3-10-11 *Land hilly* *Soil* 3rd *rate* *Vegetation,* Bunchgrass. *I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.* July 14, 1882.

Township 30 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 33 and 34. Variation 15° 30′ East.
	Ascend.
2.00	Top of Ridge, bears E. and W. and descend.
14.00	Cross low Sag and ascend.
18.00	Top of Ridge, bears N.E. and S.W. and descend.
28.50	Cross low Sag and ascend.
32.00	Top of Ridge, bears N.E. and S.W. and descend.
	As the true point for ¼ Sec. Cor. falls in Creek, at
39.60	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for Witness to ¼ Sec. Cor., marked N.C. ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
41.72	Cross Creek, 25 lks. wide, Course N.W. and ascend.
59.50	Top of Ridge, bears N.W. & S.E. and descend.
76.00	Cross Road, bears, N. 80° E. and S. 80° W.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 27-28-33-34 marked T.30 N.S. 27, on N. E., R.44 W. S. 34 on S. E., S. 33 on S. W. and S. 28 on N. W. face, with 1 notch on S. and 3 notch es on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post. Land mountainous Vegetation, Bunchgrass, Soil 2nd & 3rd rate. Timber of Cottonwood,

Township 30 North Range 44 West
6th Principal Meridian.

Chains	East, on a random line between Sections 27 and 34 Variation 15° 20′ East.
	Ascend.
9.80	Cross Road, bears, N.W. and S.E.
11.00	Top of Ridge, bears N. and S. and descend.
14.50	Cross low Sag and ascend.
18.00	Enter Flat bears N. and S.
27.00	Cross Road, bears, N.E. and S.W.
40.00	Set temporary ¼ sec. cor.
79.90	Intersect N. & S. line, 12 lks. North of cor. to secs. 26-27-34-35 from which corner, I run N. 89° 55′ W. on a true line between sections 27-34, Variation 15° 25′ East.
39.95	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
79.90	The corner to sections 27-28-33-34 Land 18.00 chs mountainous, balance level. Soil 3rd rate Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 27 and 28.
	Variation 15° 20 East.
	Descend.
.58	Cross Creek, 25 lks. wide, Course N.E.
4.00	Cross Creek, 25 lks. wide, Course N.W.
9.00	Cross Creek, 25 lks. wide, Course N.E. and ascend.
13.80	Cross Road, bears E. and W.
25.00	Top of Ridge, bears N.E. and S.W. and descend.
26.50	Cross low Sag and ascend.
30.00	Top of Ridge, bears E. and W. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
59.00	Cross Gulch, 50 lks. wide, Course S.E. and ascend.
76.00	Top of Ridge, bears E. and W. and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 21-22-27-28, marked T. 30 N., S. 22, on N. E., R. 44 W., S. 27 on S. E., S. 28 on S. W and S. 21 on N. W. face, with 2 notches on S. and 3 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous. Timber of Cottonwood.

Soil 2nd & 3rd rate

Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East on a random line between Sections 22 and 27.
	Variation 15° 15' East.
	Descend.
2.00	Cross Creek, 200 lks. wide, Course N.E., and ascend.
35.00	Top of Ridge, bears N.E. and S.W. and descend.
40.00	Set temporary ¼ sec. cor.
47.00	Cross low Sag and ascend.
79.87	Intersect N. & S. line, 15 lks. North of cor. to secs. 22-23-26-27 from which corner, I run N. 89° 54' W. on a true line between sections 22-27.
	Variation 15° ~~20~~ 13' East.
39.94	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
79.87	The corner to sections 21-22-27-28.

Land ~~mountainous~~ Hilly.

Soil 3rd rate

Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 21 and 22.
	Variation 15° 15' East.
	Descend.
19.00	Cross Niobrara River, 440 lks. wide, Course East,
40.00	Set a Sand stone 15 x 11 x 9 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
42.00	Ascend.
60.00	Top of Hill bears E. and W. and descend.
65.00	Cross low Sag and ascend.
70.00	Top of Hill bears E. and W. and descend.
77.00	Cross low Sag and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 15-16-21-22, marked T.30 N.S. 15 on N. E., R.44 W. S. 22 on S. E., S. 21 on S. W and S. 16 on N. W. face, with 3 notch es on S. and 3 notch es on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.
	Land hilly
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.
	Timber of Cottonwood & Willow.
	July 15, 1882.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 15 and 22.
	Variation 15° 10' East.
	Ascend.
27.00	Top of Hill bears N.W. & S.E. and descend.
32.00	Cross low Sag and ascend.
35.00	Top of Hill bears N. and S. and descend.
40.00	Set temporary ¼ sec. cor.
79.73	Intersect N. & S. line, 48 lks North of cor. to secs. 14-15-22-23 from which corner, I run N. 89° 39' W. on a true line between sections 15-22.
	Variation 15° 15' East.
39.87	Set a Sand stone 9 x 8 x 7 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.73	The corner to sections 15-16-21-22.
	Land hilly
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West
6th Principal Meridian.

Chains	North, between Sections 15 and 16. Variation 15°10' East.
	Ascend.
17.00	Top of Hill bears E. and W. and descend.
37.00	Cross low Sag and ascend.
40.00	Set a Sand stone 11 x 9 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
58.00	Top of Hill bears N.W. & S.E. and descend.
80.00	Set a Sand stone 11 x 6 x 4 ins. 7 ins. in the ground for Cor. to Secs. 9-10-15-16 marked with 4 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land hilly
	Soil Sandy
	Vegetation, Bunchgrass.

Township 30 North Range 44 West
6th Principal Meridian.

Chains	East, on a random line between Sections 10 and 15. Variation 15°10' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
79.78	Intersect N. & S. line, 50 lks. N. of cor. to secs. 10-11-14-15 from which corner, I run N.89°39' W. on a true line between sections 10-15 Variation 15°~~20~~ 10' East.
39.89	Set a Sand stone 11 x 8 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.78	The corner to sections 9-10-15-16.
	Land rolling.
	Soil Sandy
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 15°10' East.
	Over rolling land.
40.00	*Set a* Sand *stone* 12 x 8 x 6 *ins.,* 8 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
80.00	*Set a* Sand *stone* 11 x 9 x 4 *ins.* 7 *ins. in the ground for Cor. to Secs.* 3-4-9-10 *marked with* 5 *notches on S. and* 3 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,* 5½ *ft. dist., and raised a mound of earth 2 ft. high* 4½ *ft. base.*
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East on a random line between Sections 3 and 10. Variation 15°20 East.
	Over rolling land.
40.00	*Set temporary* ¼ *sec. cor.*
79.69	*Intersect N. & S. line,* 24 *lks.* N., *of cor. to secs.* 2-3-10-11 *from which corner, I run* N 89°30' *W. on a true line between sections* 3-10
	Variation 15°25' *East.*
39.85	*Set a* Sand *stone* 9 x 8 x 7 *ins.,* 6 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
79.69	*The corner to sections* 3-4-9-10
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, on a random line between Sections 3 and 4. Variation 15° 20 East.
	Ascend.
10.00	*Top of Hill bears* E. and W. *and descend.*
13.00	*Enter Flat bears* N.W. and S.E.
40.00	*Set temporary ¼ sec. cor.*
75.00	*Leave Flat bears* N.W. and S.E. *and ascend.*
79.96	*Intersect* N.B. *of Tp.* 70 *lks.* East *of cor. to secs.* 3-4-33-34 *from which corner, I run* S. 30 E., *on a true line, between sections* 3 – 4
	Variation 15° 20′ *East.*
39.96	*Set a* Sand *stone* 9 x 8 x 6 *ins.,* 6 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.96	*The corner to sections* 3-4-9-10
	Land hilly and *level.*
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 32 and 33. Variation 15° 35′ East.
	Descend.
9.50	*Enter Flat bears* E. and W.
40.00	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.,* from which *A House, bears* N. 73° E. 40.00 *chs. dist.*
43.52	*Cross Road, bears,* N. 80° E. and S. 80° W.
51.00	*Leave Flat bears* E. and W. *and descend.*
67.00	*Enter River Bottom, brs.* E. and W.
80.00	*Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs.* 28-29-32-33 *marked T.* 30 N., *S.* 28, *on N. E., R* 44 W., *S.* 33 *on S. E., S.* 32 *on S. W. and S.* 29 *on N. W. face, with* 1 *notch on S. and* 4 *notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.*
	Land level.
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.
	July 17, 1882.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33.
	Variation 15° 35' East.
	Over level land along River Bottom,
23.00	Leave River Bottom and ascend.
34.00	Top of Ridge, bears N. and S. and descend.
40.00	Set temporary ¼ sec. cor.
66.00	Cross Pine Creek, 25 lks. wide, Course N.E. and ascend.
79.80	Intersect N. & S. line, 24 lks. North of cor. to secs. 27-28-33-34 from which corner, I run
	N.89° 50' W. on a true line between sections 28-33
	Variation 15° 20' East.
39.90	Set a Sand stone 16 x 9 x 4 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.80	The corner to sections 28-29-32-33
	Land, level 23.00 chs. and 56.80 chs. mountainous.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.
	Timber of Cottonwood & Willow.

Township 30 North Range 44 West

6th Principal Meridian

Chains	North, between Sections 28 and 29.
	Variation 15° 35' East.
	Over level land
13.50	Cross Running Water Run, 250 lks. wide, Course East and ascend.
36.50	Top of Ridge, bears E. and W. and descend.
40.00	Set a Sand stone 11 x 9 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. in low Sag and ascend.
55.00	Top of Hill bears E. and W. and descend.
80.00	Set a Sand stone 12 x 8 x 6 ins. 8 ins. in the ground for Cor. to Secs. 20-21-28-29 marked with 2 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land, level 13.50 chs. and 66.50 chs. mountainous.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.
	Timber of Cottonwood & Willow.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 21 and 28. Variation 15° 20′ East.
	Descend.
18.00	*Cross Gulch, 12 lks. wide, Course* S. 40° E. *and ascend.*
24.50	*Top of Spur, bears* N.W. and S.E., *and descend.*
40.00	*Set temporary ¼ sec. cor.*
45.00	Enter River Bottom, bears N.E. & S.W.
51.00	Cross Running Water River, 250 lks. wide, Course N. 60° E
56.00	Leave River Bottom *and ascend.*
64.00	*Top of Hill bears* N. and S. *and descend.*
79.68	*Intersect N. & S. line,* 14 *lks.* N., *of cor. to secs.* 21-22-27-28 *from which corner, I run* N. 89° 54′ W. *on a true line between sections* 21-28
	Variation 15° 20′ *East.*
39.84	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
79.68	*The corner to sections* 20-21-28-29.
	Land hilly
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass,
	Timber of Cottonwood & Willow.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 20 and 21. Variation 15° 20′ East.
	Descend.
10.00	*Enter Flat bears* N. 70° W. & S. 70° E.
14.00	*Leave Flat bears* N. 70° W. & S. 70° E. *and ascend.*
40.00	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
80.00	*Set a* Sand *stone* 12 x 8 x 6 *ins.* 8 *ins. in the ground for Cor. to Secs.* 16-17-20-21 *marked with* 3 *notches on S. and* 4 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.*
	Land hilly
	Soil 3rd rate
	Vegetation, Bunchgrass.

63

Township 30 North Range 44 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 16 and 21.
	Variation 15° 15' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.63	*Intersect N. & S. line,* 23 *lks.* N., *of cor. to secs.* 15-16-21-22 *from which corner, I run* N. 89° 50' *W. on a true line between sections* 16-21
	Variation 15° 10' *East.*
39.82	*Set a* Sana *stone* 12 x 8 x 6 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.63	*The corner to sections* 16-17-20-21,
	Land rolling.
	Soil 3rd rate
	Vegetation, Timehgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	
	North, between Sections 16 and 17.
	Variation 15° 15' East.
	Over rolling land.
40.00	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
80.00	*Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs.* 8-9-16-17 *marked T* 30 N., *S.* 9 *, on N. E., R* 44 W., *S.* 16 *on S. E., S.* 17 *on S. W and S.* 8 *on N. W. face, with* 4 *notches on S. and* 4 *notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.*
	Land rolling.
	Soil 3rd rate
	Vegetation, Timehgrass.
	July 18, 1882.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16. Variation 15° 10′ East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.94	*Intersect N. & S. line,* 6 *lks.* N., *of cor. to secs.* 9-10-15-16 *from which corner, I run* N.89°57′ *W. on a true line between sections* 9-16
	Variation 15° 10′ *East.*
39.97	*Set a* Sand *stone* 12 x 7 x 6 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.94	*The corner to sections* 8-9-16-17.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 8 and 9. Variation 15° 10′ East.
	Over rolling land.
40.00	*Set a* Sand *stone* 12 x 8 x 6 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.00	*Set a* Sand *stone* 14 x 9 x 7 *ins.* 9 *ins. in the ground for Cor. to Secs.* 4-5-8-9 *marked with* 3 *notches on S. and* 4 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.*
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 4 and 9. Variation 15°10' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.78	*Intersect N. & S. line,* 18 *lks.* N., *of cor. to secs.* 3-4-9-10 *from which corner, I run* N.89°52' *W. on a true line between sections* 4-9 *Variation* 15°20' *East.*
39.89	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on* N. *face, dug pits, 18 x 18 x 12 ins.* N. *and* S. *of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
79.78	*The corner to sections* 4-5-8-9. *Land rolling. Soil* 3rd rate *Vegetation,* Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	
	North, on a random line between Sections 4 and 5. Variation 15°10' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.64	*Intersect* N.B. *of Tp.* 49 *lks.* East *of cor. to secs.* 4-5-32-33 *from which corner, I run* S. 21' E., *on a true line, between sections* 4-5 *Variation* 15°10' *East.*
39.64	*Set a* Sand *stone* 15 x 9 x 5 *ins.,* 10 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.64	*The corner to sections* 4-5-8-9 *Land rolling. Soil* 3rd rate *Vegetation,* Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 31 and 32.
	Variation 15°25' East.
	Descend.
40.00	*Set a* Sand *stone* 12 x 8 x 6 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3 ft. base.*
54.00	Enter River Bottom bs. E. and W.
63.70	Cross Running Water River 270 lks. wide, Course N.80°E.
66.50	Leave River Bottom *and ascend.*
80.00	*Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs.* 29-30-31-32, *marked T.*30 N. S. 29 *on N. E.,* R. 44 W. S. 32 *on S. E.,* S. 31 *on S. W and* S. 30 *on N. W. face, with* 1 *notch on S. and* 5 *notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.*

Land rolling and level.
Soil 2nd & 3rd *rate*
Vegetation Bunchgrass.
Timber of Cottonwood & Willow.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 29 and 32.
	Variation 15°25 East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
69.70	Cross Running Water River 250 lks. wide, Course N.15°E.
79.94	*Intersect N. & S. line,* 18 *lks.* W., *of cor. to secs.* 28-29-32-33 *from which corner, I run* N.89°52' W. *on a true line between sections* 29-32
	Variation 15°35' *East.*
39.97	*Set a* Sand *stone* 12 x 8 x 6 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.94	*The corner to sections* 29-30-31-32.

Land rolling.
Soil 2nd & 3rd *rate*
Vegetation, Bunchgrass.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

July 19, 1882.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	
	West, on a random line between Sections 30 and 31.
	Variation 15° 25' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
80.36	*Intersect* N. B. *of Tp.* 37 *lks.* S. *of cor. to secs.* 25-30-31-36 *from which corner, I run* S. 89° 44' E. *on a true line, between sections* 30-31
	Variation 15° 25' *East.*
40.36	*Set a* Sand *stone* 12 x 11 x 9 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.36	*The corner to sections* 29-30-31-32,
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian

Chains	
	North, between Sections 29 and 30.
	Variation 15° 20' East.
	Over rolling land.
40.00	*Set a* Sand *stone* 12 x 9 x 6 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.00	*Set a* Sand *stone* 12 x 8 x 6 *ins.* 8 *ins. in the ground for Cor. to Secs.* 19-20-29-30 *marked with* 2 *notches on S. and* 5 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.*
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15°15' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.68	*Intersect N. & S. line,* 30 *lks.* N *of cor. to secs.* 20-21-28-29 *from which corner, I run* N.89°47' W. *on a true line between sections* 20-29. *Variation* 15°20' *East.*
39.84	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on* N. *face, dug pits, 18 x 18 x 12 ins.* N. *and* S. *of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
79.68	*The corner to sections* 19-20-29-30
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15°15' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
80.72	*Intersect* W.B. *of Tp.* 49 *lks.* South *of cor. to secs.* 19-24-25-30 *from which corner, I run* S.89°39' E., *on a true line, between sections* 19-30 *Variation* 15°15' *East.*
40.72	*Set a* Sand *stone* 12 x 8 x 6 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.72	*The corner to sections* 19-20-29-30
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 19 and 20. Variation 15° 15' East.
	Over rolling land.
40.00	*Set a* Sand *stone* 12 x 6 x 4 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.00	*Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs.* 17-18-19-20, *marked T* 30 N., *S.* 17 *on N. E., R* 44 W., *S.* 20 *on S. E., S.* 19 *on S. W and S.* 18 *on N. W. face, with* 3 *notches on S. and* 5 *notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.*
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15° 10' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
80.04	*Intersect N. & S. line,* 3 *lks.* North *of cor. to secs.* 16-17-20-21 *from which corner, I run* N. 89° 59' *W. on a true line between sections* 17-20. *Variation.* 15° 15' *East.*
40.02	*Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
80.04	*The corner to sections* 17-18-19-20
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.
	July 20, 1882.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	West, on a random line between Sections 18 and 19. Variation 15°10 East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
80.90	*Intersect W. B. of Tp. 23 lks. South of cor. to secs. 13-18-19-24 from which corner, I run S. 89°50 E., on a true line, between sections 18-19.* Variation 15°10 East.
40.90	*Set a Sana stone 15 x 9 x 5 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.90	*The corner to sections 17-18-19-20*
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, between Sections 17 and 18. Variation 15°10 East.
	Over rolling land.
40.00	*Set a Sana stone 12 x 8 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.00	***Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 7-8-17-18 marked T.30 N. S. 8 on N. E., R.44 W. S. 17 on S. E. S. 18 on S. W. and S. 7 on N. W. face, with 4 notches on S. and 5 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.***
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 8 and 17.
	Variation 15°10' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.83	*Intersect N. & S. line,* 16 lks North *of cor. to secs.* 8-9-16-17 *from which corner, I run* N.89°53' W. *on a true line between sections* 8-17
	Variation 15°10' *East.*
39.92	*Set a* Sand *stone* 13 x 9 x 7 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits,* 18 x 18 x 12 *ins.,* N *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
79.83	*The corner to sections* 8-7-18-17.
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	
	West, on a random line between Sections 7 and 18.
	Variation 15°10' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
81.53	*Intersect* W.B. *of Tp.* 29 lks. South *of cor. to secs.* 7-12-13-18 *from which corner, I run* S.89°48' E., *on a true line, between sections* 7-18,
	Variation 15°~~15~~10' *East.*
41.53	*Set a* Sand *stone* 11 x 6 x 4 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits,* 18 x 18 x 12 *ins.,* N *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
81.53	*The corner to sections* 7-8-17-18
	Land rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	
	North, between Sections 7 and 8.
	Variation 15°10' East.
	Over rolling land.
40.00	*Set a* Sana *stone* 15 x 10 x 3 *ins.,* 10 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.00	*Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs.* 5-6-7-8 *marked T.*30 *N., S.* 5 *, on N. E., R.*44 *W., S.* 8 *on S. E., S.* 7 *on S. W and S.* 6 *on N. W. face, with* 5 *notch* EO *on S. and* 5 *notch* EO *on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.*
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 5 and 8.
	Variation 15°15' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.58	*Intersect N. & S. line,* 28 *lks.* South *of cor. to secs.* 4-5-8-9 *from which corner, I run* S. 89°48' *W. on a true line between sections* 5-8
	Variation 15°40' *East.*
39.79	*Set a* Sana *stone* 13 x 9 x 4 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.58	*The corner to sections* 5-6-7-8
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	West, on a random line between Sections 6 and 7.
	Variation 15° 15' East.
	Over level land
40.00	*Set temporary ¼ sec. cor.*
81.70	*Intersect* N. B. of Tp. 34 lks South *of cor. to secs.* 1-6-7-12 *from which corner, I run* S. 89° 45' E., *on a true line, between sections* 6-7.
	Variation 15° 10' 15' *East.*
41.70	*Set a* Sand *stone* 14 x 8 x 6 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
81.70	*The corner to sections* 5-6-7-8
	Land level.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Township 30 North Range 44 West

6th Principal Meridian.

Chains	North, on a random line between Sections 5 and 6.
	Variation 15° 15' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.81	*Intersect* N. B. of Tp. 52 lks. East *of cor. to secs.* 5-6-31-32 *from which corner, I run* S. 22' E., *on a true line, between sections* 5-6
	Variation 15° 15' *East.*
39.81	*Set a* Sand *stone* 12 x 9 x 6 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.81	*The corner to sections* 5-6-7-8
	Land rolling.
	Soil 3rd *rate*
	Vegetation, Bunchgrass.
	July 21st, 1882.

GENERAL DESCRIPTION.

The land in this Township is generally rolling and mountainous.
The soil 2nd & 3rd rate.
It is well watered by numerous Creeks and the Niobrara ~~and~~ Running Water Rivers.
Along the banks of the Rivers a considerable portion of the land is valuable for agricultural purposes, and Cottonwood and Willow timber abound.
Bunchgrass is plentiful, furnishing good grazing land throughout the Twp.

U. S. Surveyor General's Office.

Plattsmouth Nebraska
December 18th 1882

The foregoing Field Notes of the surveys of

Subdivision lines Township 30 N.
Range 14 West of the Principal
Base line

Meridian

in the State of Neb. *executed by*

O. F. Higbee
in the month of July 1882
U. S. Deputy Surveyor, under his contract No. 4 *dated*

Nov 10th 1881

having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

Geo L Smith
U. S. Surveyor-General for the State of Neb.

Index Diagram
To
Town 31 N Range 44 W

6	63	5	47	4	36	3	25	2	14	1
62		61		46		35		24		13
7	60	8	45	9	34	10	23	11	12	12
59		58		44		33		22		11
18	57	17	43	16	32	15	21	14	10	13
56		55		42		31		20		9
19	54	20	41	21	30	22	19	23	8	24
53		52		40		29		18		7
30	51	29	39	28	28	27	17	26	6	25
50		49		38		27		16		5
31	48	32	37	33	26	34	15	35	4	36

(.a.)

Field Notes
of the
Subdivisional lines of Town=
ship No. 31 North of the Base Line
of Range No. 44 West of the
6th Principal Meridian, Neb,
surveyed by Charles R. Starkweather
Deputy Surveyor, under joint
Contract No. 109, bearing date
July 31st 1878, wherein
Nicholas J. Paul, Robert
Harvey and Charles R
Starkweather, are joint
Contractors with John
R. Clark, United States
Surveyor General for the
District of Nebraska
and Iowa

Survey Commenced
October 18th 1878

Survey Completed
October 22nd 1878

(B.)

Names and duties of Assistants

W. S. Orr, Chainman
J. S. Davenport, Chainman
R. R. Crow Cornerman
E. J. Seeley Cornerman
D. H. Keeney Flagman

T. 31 N R 44 W

To determine the proper adjustment of my Compass for subdividing this Township I begin at the Corner to Townships 30 & 31 North Ranges 43 & 44 W. and run North on a blank line along the East boundary of section 36

Va 15° 05' E

39.95 To a point 6 chs West of the 1/4 sec. cor.

79.95 To a point 12 chs West of the Corner to secs. 25 & 36

To retrace this line or run parallel thereto my Compass must be adjusted to a variation of 15° East

Subdivision begun October 18th 1878

T. 31 N R 44 W.

From the corner to secs. 12, 35 and 36 on the South boundary of the township I run
North between secs. 35 & 36
Va 15° E

40,00 Deposit charred stake raised mound of earth 2½ ft. high from pits 18 + 24 + 12 in. deep for 1/4 sec cor

8000 Deposit charred stake raised mound of earth 2½ ft. high from pits 18 + 24 + 12 in. deep for corner to secs 25, 26, 35 and 36
Drove marked Red Cedar stake 2 + 2 + 24 in in SE pit
Land gently rolling
Dark sandy loam
Soil good second rate

T. 31 N. R 44 W.

East on random line between secs 25 and 36
Va 15° 15' E

4000 Set temporary 1/4 sec cor

7990 Intersect East boundary 8 Chs South of corner to secs 25 and 36 from which corner I run
S 89° 57' West on true line between secs. 25 & 36
Va 15° 15' E

39,95 Deposit charred stake raised mound of earth 2½ ft. high from pits 18 + 24 + 12 in. deep for 1/4 sec cor

7995 The corner to secs 25, 26, 35 and 36
Surface gently rolling
Dark sandy loam
Soil second rate

T 31 N R 44 W

North between secs 25 & 26
Va 15° 05' E,

4000 Deposit charred stake raised
mound of earth 2½ ft. high
from pits 18 x 24 x 12 in
deep for 1/4 sec cor

8000 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18
x 24 x 12 in deep for
corner to secs 23 24
25 and 26
Drove marked Red
Cedar stake 2 x 2 x 24 in
in SE pit
Land gently rolling
Soil dark sandy loam
good second rate

T. 31 N R 44 W

East on random line
between secs 24 & 25
Va 15° 10' E,

4000 Set temporary 1/4 sec cor
8012 Intersect East boundary
10 North of corner to secs
24 and 25 from which
corner I run
N 89° 56' West on true line
between secs. 24 & 25
Va 15° 10' E,

4006 Deposit charred stake
raised mound of Earth
2½ ft. high from pits 18 x
24 x 12 in deep for 1/4
Sec Cor.

8012 The corner to secs
23, 24, 25 and 26
Land gently rolling
Clay and Sandy loam
Soil second rate

T. 31 N R 44 W

North between secs 23 & 24
Va 15° 05' E.

4000 Deposit charred stake raised mound of earth 2½ ft high from pits 18 & 24 & 12 in deep for 1/4 sec cor

5800 Leave upland and enter valley bears N 60° E

61.75 Rush creek course SE

77.50 Rush creek course SW water in holes only

8000 Deposit charred stake raised mound of earth 2½ ft high from pits 18 & 24 & 12 in deep for Corner to secs. 13, 14, 23 & 24
Drove marked Red Cedar stake 2 x 2 x 24 in. in SE pit
Land gently rolling Clay and sandy loam, soil, first rate

T. 31 N R 44 W

East on random line between secs 13 & 24
Va 15° 15' E.

2,75 Rush creek course South water in holes

1750 Leave valley for upland bears N 60° E

4000 Set temporary 1/4 sec cor

8000 Intersect East boundary 5 chs South of corner to secs. 13 and 24 from which corner I run S 89° 58' West on true line between secs. 13 & 24
Va 15° 15' E.

4000 Deposit charred stake raised mound of Earth 2½ ft. high from pits 18 & 24 & 12 in. deep for 1/4 sec Cor

8000 The corner to secs. 13, 14, 23 & 24
Valley dark sandy loam good second rate
Balance clay & sandy loam second rate

Tp 31 N R 44 W

North between secs 13 & 14
Va 15°15' E.

3100 Rush creek course SE
water in holes only

4000 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18 x
24 x 12 in. deep for 1/4
Sec cor.

5400 Leave Creek bottom for gently
upland bears NW & SE

8000 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18
x 24 x 12 in. deep for
corner to secs. 11, 12, 13 & 14
Drove marked Red Cedar stake
2 x 2 x 24 in in SE pit
Creek bottom dark
sandy loam, soil first rate
Balance gently
rolling clay and
sandy soil, good
Second rate

T 31 N R. 44 W

East on random line
between secs. 12 & 13 E.
Va 15°20' E.

4000 Set temporary 1/4 sec cor

8008 Intersect East boundary
20 lks South of corner to
secs. 12 and 13 from which
corner I run
S 89°51' West on true line
between secs. 12 and 13
Va 15°20' E.

4004 Deposit charred stake
raised mound of Earth
2½ ft. high from pits 18
x 24 x 12 in deep for
1/4 Sec cor.

8008 The corner to secs. 11, 12
13 and 14
Gently rolling
Clay and sandy loam
Soil good Second rate

N,
5 & 6
5' E,
take
north
ts 18 x
ec cor
ard
t of
ecs. 32
N, and
ake
earth
ts 18 x
r Closing
6
stake
pit
y
e
te
y
1878

T. 31 N. R 44 W.

North between secs. 11 & 12
Va 15°15' E.

4000 Deposit charred stake raised mound of earth 2½ ft. high from pits 18 × 24 × 12 in. deep for 114 sec cor

8000 Deposit charred stake raised mound of earth 2½ ft. high from pits 18 × 24 × 12 in deep for corner secs. 1, 2, 11 and 12
Drove marked Red Cedar stake 2 × 2 × 24 in. in SE pit
Land rolling
Soil sandy loam
Good secondrate

T. 31 N R 44 W

East on random line between secs. 1 & 12
Va 15°20' E

4000 Set temporary 114 sec cor

8020 Intersect East boundary 28 lks South of corner to secs. 1 and 12 from which corner I run
S 89°48' West on true line between secs 1 & 12
Va 15° 20' E

4010 Deposit charred stake raised mound of earth 2½ ft. high from pits 18 × 24 × 12 in. deep for 114 sec cor

8020 The corner to secs. 1, 2, 11 and 12
Land gently rolling
Clay & sandy loam
Soil good secondrate

T. 31 N R 44 W

North on random line
between secs 1 & 2
Va 15° 15' E.

4000 Set temporary 1/4 sec cor
8030 Intersect Northboundary
8 lks West of the corner to
secs. 1 and 2 from which
Corner I run
South 3' W. on true line
between secs 1 & 2
Va 15° 15' E

4030 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18 x
24 x 12 in. deep for 1/4
sec cor

80.30 The corner to secs
1, 2, 11 and 12
Land gently rolling
Clay & sandy loam
Soil good second rate
October 18th 1878

T. 31 N R 44 W

North between secs. 34 & 35
Va 15° 05' E.

4000 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits
18 x 24 x 12 in deep for
1/4 sec cor.

8000 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in. deep for
corner to secs. 26, 27
34 and 35
Drove marked Red Cedar
stake 2 x 2 x 24 in in
S E pit
Surface rolling
Soil sandy third rate

T. 31 N R 44 W

East on random line
between secs. 26 & 35
Va 15° 20' E.

40.00 Dep. temporary 1/4 sec. cor.

79.94 Intersect No. 8 line 12 chs
North of corner to secs. 25, 26
35 and 36 from which
corner I run
N 89° 55' West on true line
between secs. 26 & 35
Va 15° 20' E.

39.97 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits 18 x
24 x 12 in. deep for 1/4
sec cor

79.94 The corner to secs. 26,
27, 34 and 35
West 30 chs. rolling
Soil sandy, thirdrate
Balance sandy loam
Soil good secondrate

T. 31 N R 44 W

North between secs. 26 & 27
Va 15° 15' E

40.00 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits
18 x 24 x 12 in deep for
1/4 sec cor.

80.00 Deposit charred stake
raised mound of Earth
2 1/2 ft. high from pits
18 x 24 x 12 in deep for
corner to secs. 22, 23
26 and 27
Drove marked Red Cedar
stake 2 x 2 x 24 in. in S E pit
South 40 chs rolling
Soil sandy thirdrate
Balance gently rolling
Clay and sandy loam
Soil good secondrate

T. 31 N R 44 W

East on random line
between secs 23 & 26
Va 15° 35' E.

4 40.00 Set temporary 1/4 sec cor
7 80.08 Intersect N & S line 18 chs
North of corner to secs. 23
24, 25 and 26 from which
corner S gray
N 89° 52' West on true line
between secs. 23 and 26
Va 15° 35' E.

3 40.04 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in deep for 1/4
sec cor

7 80.08 The corner to secs. 22, 23
26 and 27
Land gently rolling
Clay and sandy soil
good Second rate

T. 31 N R 44 W

North between secs 22 & 23
Va 15° 15' E.

4000 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in deep for
1/4 sec cor

8000 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18 x
24 x 12 in deep for corner
to secs. 14, 15, 22 and 23
Drove marked Red Cedar
stake 2 x 2 x 24 in in SE pit
Land gently rolling
Soil clay & sandy
loam, first rate

T. 31 N R 44 W

East on random line
between secs 14 & 23
Va 15° 35' E
4000 Set temporary 1/4 sec cor.
5600 Leave upland for creek
bottom bears NW & SE
7990 Intersect N & S line 40 lks
North of corner to secs. 13. 14
23 and 24 from which corner
I run
N 89° 43' West on true line
between secs. 14 & 23
Va 15° 35' E
3995 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18
& 24 & 12 in. deep for 1/4
sec cor
7990 The corner to secs. 14
15. 22 & 23
Gently rolling. Clay
& sandy loam
Soil first rate

T. 31 N. R 44 W

North between secs. 14 & 15
Va 15° 20' E
4000 Deposit charred stake
raised mound of earth 2 1/2
ft. high from pits 18 & 24
& 12 in. deep for 1/4 sec cor.
62,50 Leave upland and enter
creek bottom bears NW & SE
8000 Deposit charred stake
raised mound of earth 2 1/2
ft. high from pits 18 & 24
& 12 in deep for corner
to secs. 10, 11, 14 and 15
Drove marked Red Cedar
stake 2 x 2 x 24 in. in S E pit
Creek bottom dark
sandy loam 1st rate
Balance gently rolling
dark loam 1st rate

W.
1, 5 & 6
5' E.
take
north
ts 18 &
ec cor
lard
t of
secs. 32
W. and
take
earth
its 18 &
r Closing
& 6
stake
pit
y
n
te
y
1878

T. 31 N R 44 W

East on random line
between secs. 11 & 14
Va 15° 35' E.

1,75 Rush creek course S E
Water in holes, only

8,75 Leave bottom for upland
bears N E & S E

40.00 Set temporary 1/4 sec cor

79.96 Intersect N & S line 3 4 links
North of corner to secs. 11, 12,
13 and 14 from which
corner I run
N 89° 45' West on true line
between secs. 11 & 14
Va 15° 35' E

39.98 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits. 18 +
2 + 1 2 in. deep for 1/4
sec cor

79.96 The corner to secs. 10. 11. 14 & 15
Creek bottom level,
Balance gently rolling
Clay & sandy loam 1st rate

T. 31 N R 44 W

North between secs 10 & 11
Va 15° 20' E

9.50 Rush creek course S E
Water in holes, only

12.00 Leave bottom for upland
bears N E & S E

40.00 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits 18 +
2 + 1 2 in. deep for 1/4
sec cor.

80.00 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 + 2 + 1 2 in deep for
corner to secs. 2. 3. 10 & 11
Done marked Red Cedar
stake 2 + 2 + 2 1/2 in. in S E pit
Creek bottom level
balance gently rolling
Clay and sandy loam
Soil, first rate

T 31 N R 44 W

East on random line
between secs. 2 & 11
Va 15° 30' E.

4000 Set temporary 1/4 sec cor.
8040 Intersect N & S line 42 lks
North of corner to secs 1, 2
11 and 12 from which
corner I run
N 89° 42' West on true line
between secs 2 & 11
Va 15° 30' E.

40.20 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18
+ 24 + 12 in. deep for 1/4
sec cor

80.40 The corners to secs. 2, 3,
10 and 11
Surface ~~gently~~ rolling
Clay and sandy loam
soil, first rate

T 31 N R 44 W

North on random line
between secs 2 & 3
Va 15° 10' E.

4000 Set temporary 1/4 sec cor.
79.66 Intersect North boundary
32 lks W. of corner to secs
2 and 3 from which corner
I run
South 14' W. on true line
between secs 2 & 3
Va 15° 10' E.

39.66 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18
+ 24 + 12 in. deep for 1/4
sec cor.

79.66 The corners to secs.
2, 3, 10 and 11
Land gently rolling
Clay soil good
first rate
October 19th 1878

T. 31 N R 44 W

North between secs 33 & 34
Va 15° 15' E.

4000 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18 x
24 x 12 in. deep for 1/4
sec cor

8000 Deposit charred stake
raised mound of earth
2½ ft. high from pits
18 x 24 x 12 in. deep for
Corner to secs. 27, 28
33 and 34
Drove marked Red Cedar
stake 2 x 2 x 24 in in S E pit
South 40 chs. rolling
Soil sandy second rate
North 40 chs. high rolling
Soil sandy third rate

T. 31 N R 44 W

East on random line
between secs. 27 & 34
Va 15° 25' E.

4000 Set temporary 1/4 sec cor
8030 Intersect N & S line 14 chs
South of corner to secs. 26, 27
34 and 35 from which corner
I run
S 89° 54' West on true line
between secs. 27 & 34 15° 25' E.
14015 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18 x
24 x 12 in. deep for 1/4
sec cor.
8030 The corner to secs. 27
28, 33 and 34
Land high, rolling
Soil, sandy third rate

T 31 N R 44 W

North between secs 27 & 28
Va 15° 10' E

4000 Deposit charred stake
raised mound of earth
2½ ft high from pits 18
+ 24 + 12 in. deep for 1/4
sec cor

64.00 Leave high sandy land
for gently rolling upland
Cedars E and W

8000 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18+
24 + 12 in. deep for 1/4
Corner to secs. 21, 22,
27 and 28
Drove marked Red Cedar
stake 2 x 2 x 24 in. in S & pit
South 64 chs. high sandy
rolling third rate
Balance gently rolling
Clay and sandy loam
Soil first rate

T. 31 N R 44 W

East on random line
between secs. 22 & 27
Va 15° 25' E.

4000 Set temporary 1/4 sec cor
80.24 Intersect N & S line at the
corner to secs. 22, 23, 26 and 27
from which corner I run
West on true line
between secs 22 & 27
Va 15° 25' E.

14.12 Deposit charred stake
raised mound of earth 2½
ft high from pits 18 + 24 +
12 in. deep for 1/4 sec cor

80.24 The corner to secs. 21, 22
27 and 28
Land gently rolling
Clay and sandy soil
first rate

T. 31 N R 44 W

North between secs. 29 and 22
Va 15° 15' E.

40.00 Deposit charred stake raised mound of Earth 2½ ft. high from pits 18 + 24 + 12 in. deep for 1/4 sec cor.

80.00 Deposit charred stake raised mound of earth 2½ ft. high from pits 18 + 24 + 12 in deep for Corner to secs. 15, 16, 21 and 22
Drove marked Red Cedar stake 2 + 2 + 24 in in SE pit
Land gently rolling
Clay and sandy loam
Soil First rate

T. 31 N R 44 W

Gaston random line
between secs. 15 & 22
Va 15° 30' E.

40.00 Set temporary 1/4 sec cor.

80.34 Intersect N & S line 30 lks South of corner to secs. 14, 15, 22 & 23 from which
Corner I run
S 89° 47' West on true line
between secs. 15 & 22
Va 15° 30' E

40.17 Deposit charred stake raised mound of earth 2½ ft high from pits 18 + 24 + 12 in deep for 1/4 sec cor

80.34 The corner to secs. 15 16, 21 and 22
Land gently rolling
Soil, Clay & sandy loam
First rate

T. 31 N R 44 W.

North between secs. 15 and 16
Va 15° 10' E.

4000 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18+
24+12 in. deep for 1/4
Sec cor

8000 Deposit charred stake
raised mound of Earth
2½ ft. high from pits 18+
24+12 in deep for Corner
to secs. 9. 10. 15 and 16
Drove marked Red Cedar
Stake 2+2+24 in in S E pit
Land gently rolling
Clay & sandy loam
first rate

T. 31 N R 44 W

East on random line
between secs 10 & 15
Va 15° 25' E.

4000 Set temporary 1/4 sec. cor.
80.14 Intersect N & S line 1/4 cks
North of corner to secs. 10, 11
14 and 15 from which
corner I run
N 89° 54' West on true line
between secs. 10 and 15
Va 15° 25' E

4007 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18+
24+12 in. deep for 1/4
sec cor

8014 The corner to secs. 9. 10
15 and 16
Surface undulating
Clay loam 1st rate

T. 31 N R 44 W

North between secs. 9 & 10
Va 15° 10' E.

30.00 Rush creek course SE
water in holes

40.00 Deposit charred stake
raised mound of Earth
2½ ft. high from pits 18
x 24 x 12 in deep for 1/4
sec cor

80.00 Deposit charred stake
raised mound of earth
2½ ft high from pits 18 x
24 x 12 in. deep for corner
to secs. 3, 4, 9 and 10
Land undulating
Clay & sandy loam
Soil Firstrate

T. 31 N R 44 W

East on random line
between secs 3 & 10
Va 15° 25' E.

40.00 Set temporary 1/4 sec cor.

75.00 North branch of Rush creek
course SE. water in holes

79.90 Intersect N & S line 20 lks
North of corner to secs. 2, 3
10 and 11 from which corner
I run
N 89° 51' West on true line
between secs. 3 & 10
Va 15° 25' E.

39.95 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18 x 24
x 12 in. deep for 1/4 sec. cor.

79.90 The corner to secs. 3, 4,
9 and 10
Undulating Surface
Clay and sandy loam
Soil Firstrate

T 31 N R 44 W

North on random line
between secs 3 & 4
Va 15° 15' E

40.00 Set temporary 1/4 sec cor
79.88 Intersect North boundary
24 lks East of corner to secs
3 & 4 from which corner
I run S
South 10' E. on true line
between secs. 3 & 4
Va 15° 15' E

39.88 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in. deep for 1/4
sec cor

79.88 The corner to secs
3, 4, 9 and 10
Undulating surface
Clay & sandy loam
Soil First rate
October 20th 1878

T 31 N R 44 W

North between secs 32 & 33
Va 15° 15' E

40.00 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits 18
x 24 x 12 in. deep for 1/4
sec cor

80.00 Deposit charred stake
raised mound of Earth
2 1/2 ft. high from pits
18 x 24 x 12 in deep for
Corner to secs. 28, 29, 32
and 33
Drove marked Red Cedar
stake 2 x 2 x 24 in. in S E pit
Surface rolling
Soil sandy third rate

T. 31 N R 44 W

East on random line
between secs. 28 & 33
Va 15°32' E.

4000 Set temporary 1/4 sec cor
7968 Intersect N & S. line 12 lks
North of corner to secs. 27,
28, 33 and 34 from which
corner I run
N 89°55' West on true line
between secs. 28 & 33
Va 15°32' E

3984 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18 x
24 x 12 in deep for 1/4
sec cor
7968 The corner to secs. 28
29, 32 and 33
Surface rolling
Soil sandy thirdrate

T. 31 N R 44 W

North between secs. 28 & 29
Va 15°24' E.

4000 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits 18 x
24 x 12 in deep for 1/4 sec
cor
65.00 Leave sandy rolling for
undulating table land bearing E & W
8000 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits 18 x
24 x 12 in. deep for corner
to secs. 20, 21, 28 & 29
Drove marked Red cedar
stake 2 x 2 x 24 in. in 8 E pit
first 65 chs sandy thirdrate
Balance clay loam
Soil firstrate

W.
1, 5 & 6
5' E.
stake
north
ts 18 x
sec cor
lard
t of
secs. 32
W. and
stake
earth
its 18 x
r Closing
& 6
stake
pit
g
n
ate
y
1878

T. 31 N R 44 W

East on random line
between secs. 21 & 28
Va 15° 30' E.

4000 Set temporary 1/4 sec cor
79.74 Intersect N & S line 12 chs
North of corner to secs. 21
22, 27 and 28 from which
corner I run
N. 89° 55' West on true line
between secs. 21 & 28
Va 15° 30' E.

39.87 Deposit charred stake
raised mound of earth 2 1/2
ft. high from pits 18 + 24 + 12
in deep for 1/4 sec cor
79.74 The corner to secs. 20
21, 28 and 29
Undulating surface
Clay & sandy loam
Soil first rate

T. 31 N R 44 W

North between secs 20 & 21
Va 15° 20' E.

4000 Deposit charred stake
raised mound of earth 2 1/2
ft. high from pits 18 + 24 +
12 in. deep for 1/4 sec cor
8000 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits
18 + 24 + 12 in deep for
corner to secs. 16, 17
20 and 21
Drove marked Red cedar
stake 2 + 2 + 2 + 4 in in SE pit
Undulating surface
Clay and sandy loam
Soil first rate

T. 31 N R 14 W

East on random line
between secs 16 & 21
Va 15° 35' E.

4000 Set temporary 1/4 sec. cor.

7982 Intersect N & S line at the
corner to secs. 15, 16, 21 and 22
from which corner I run
West on true line
between secs. 16 & 21
Va 15° 35' E

39,91 Deposit charred stake
raised mound of earth 2 1/2
ft. high from pits 18 + 24 + 12
deep for 1/4 sec cor

7982 The corner to secs. 16, 17
20 and 21
Gently rolling surface
Soil clay & sandy
loam first rate

T. 31 N R 14 W

North between secs. 16 & 17
Va 15° 20' E

2500 South branch of Rock Creek
course SE, dry on line

4000 Deposit charred stake and
raised mound of earth 2 1/2
ft. high from pits 18 + 24 + 12
in deep for 1/4 sec cor.

8000 Deposit charred stake
raised mound of earth 2 1/2
ft. high from pits 18 + 24
+ 12 in deep for corner to
secs. 8, 9, 16 and 17
Drove marked Red Cedar
stake 2 + 2 + 24 in. in S. pit
Land undulating
Clay and sandy loam
Soil first rate

T. 31 N R 44 W

East on random line
between secs. 9 & 16
Va 15° 35' E.

4000 Set temporary 1/4 sec cor
44.50 South branch of Rush creek
course N E dry on line
79.70 Intersect N & S line 18 lks
North of corner to secs. 9, 10
15 and 16 from which
corner I run
N 89° 52' West true line
between secs 9 & 16
Va 15° 35' E.
3985 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits 18
+ 24 + 12 in deep for 1/4
sec cor
79.70 The corner to secs. 8, 9
16 & 17
Surface undulating
Soil fine loam

T. 31 N R 44 W

North between secs 8 & 9,
Va 15° 20' E.
4000 Deposit charred stake
raised mound of earth 2 1/2
ft high from pits 18 + 24 + 12
in. deep for 1/4 sec cor.
74.00 Drain course S E
80.00 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits
18 + 24 + 12 in deep for
corner to secs. 4, 5, 8 & 9
Drove marked Red Cedar
stake 2 x 2 x 24 in. in S E pit
Gently rolling
Clay & sandy soil
fine loam

T. 31 N R 44 W

East on random line
between secs 4 & 9
Va 15° 35' E,

4000 Set temporary 1/4 sec cor.
79 88 Intersect N & S line 16 lks
South of corner to secs. 3,
4, 9 and 10 from which
corner I run
S 89° 53' West on true line
between secs 4 & 9
Va 15° 35' E

39 94 Deposit charred stake
raised mound of earth 2 1/2
ft high from pits 18 x 24
x 12 in deep for 1/4 sec cor
79.88 The corners to secs
4, 5, 8 and 9
Gently undulating
Clay & sandy loam
Soil first rate

T. 31 N R 44 W

North on random line
between secs 4 & 5
Va 15° 20' E,

4000 Set temporary 1/4 sec cor.
79 80 Intersect North boundary
12 lks East of corner to secs
4 and 5 from which
corner I run
South 5' E. on true line
between secs 4 & 5
Va 15° 20' E

39.80 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in deep for
1/4 sec cor
79 80 The corner to secs
4, 5 - 8 - 9
Surface gently rolling
Clay & sandy loam
first rate
October 21st 1878

T 31 N R 44 W

North between secs 31 & 32
Va 15° 15' E.

4000 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18 +
24 + 12 in deep for 114 sec
corner (NE & SW

4500 Leave sandy for clay land bears

8000 Deposit charred stake
raised mound of earth
2½ ft. high from pits
18 + 24 + 12 in. deep from
~~pits 18 + 24 + 12 in deep~~
for corner to secs. 29, 30
31 and 32, Drove marked Red Cedar
stake 2½ + 24 in in S E pit
South 45 chs rolling
sandy Thirdrate
Balance Clay loam
Soil firstrate

T 31 N R 44 W

East on random line
between secs 29 & 32
Va 15° 35' E

4000 Set temporary 114 sec cor
4200 Leave clay for sandy land bars NE & SW
8004 Intersect N & S line 14 lks
North of corner to secs. 28,
29, 32 & 33 from which
corner I run
N 89° 54' West on true line
between secs 29 & 32
Va 15° 35' E

4002 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18 +
24 + 12 in. deep for 114 sec
corner

8004 The corner to secs. 29,
30, 31 and 32
East half rolling, sandy
Soil Thirdrate
West half, Clay loam
Soil firstrate

W,
,5 & 6
5' E,
take
north
ts 18 +
ec cor
lard
t of
secs, 32
W, and
take
earth
its 18 +
r Closing
& 6
stake
pit
y
n
te
y
1878

T 31 N R 44 W.

West on random line
between secs. 30 & 31 15°35' E
4000 Set temporary Var 1/4 sec. cor.
81.78 Intersect West boundary
16 lks. North of corner to
secs. 30 & 31 from which
corner I run
N 89°53' East on true line
between secs 30 & 31
Va 15°35' E
41.78 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits
18 x 24 x 12 in deep for
~~corner~~ to 1/4 sec cor
81.78 The corner to secs
29, 30, 31 and 32
Land gently rolling
Clay soil fir strate

T 31 N R 44 W

North between secs. 29 & 30
Va 15°15' E.
4000 Deposit charred stake
raised mound of Earth
2 1/2 ft. high from pits 18
x 24 x 12 in deep for 1/4
sec cor
8000 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits
18 x 24 x 12 in deep for
corner to secs. 19, 20
29 and 30
Drove marked Red Cedar
stake 2 x 2 x 24 in in 8 E pit
Land gently rolling
Clay & sandy loam
Soil fir strate

W,
1, 5 & 6
5' E,
take
north
ts 18 x
ee cor
lard
t of
secs. 32
W, and
take
earth
its 18 x
r Closing
& 6
stake
pit
g
n
te
y
1878

T. 31 N R 44 W

East on random line
between secs. 20 & 29
Va 15° 30' E.

4000 Set temporary 1/4 sec cor
80.16 Intersect N & S line 8 chs
North of corner to secs
20, 21, 28 and 29 from which
corner I run
N 89° 57' West on true line
between secs. 20 & 29
Va 15° 30' E.

40.08 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18 x
24 x 12 in deep for 1/4
sec cor.

80.16 The corner to secs
19, 20, 29 and 30
Land gently rolling
Clay & sandy loam
Soil first rate

T. 31 N R 44 W

West on random line
between secs. 19 & 30
Va 15° 30' E.

4000 Set temporary 1/4 sec cor
81.38 Intersect West boundary
30 chs North of corner to secs
19 and 30 from which
corner I run
N 89° 47' East on true line
between secs. 19 & 30
Va 15° 30' E.

41.38 Deposit charred stake
raised mound of earth
2½ ft high from pits
18 x 24 x 12 in. deep for
1/4 sec cor

81.38 The corner to secs. 19, 20
29 & 30
Surface gently rolling
Clay & sandy loam
Soil first rate

T. 31 N R 44 W

North between secs. 19 & 20
Va 15°15' E.

4000 Deposit charred stake
raised mound of Earth
2½ ft high from pits 18
+24+12 in. deep for 1/4
sec Cor

8000 Deposit charred stake
raised mound of earth
2½ ft. high from pits
18+24+12 in. deep
for corner to secs
17, 18, 19 and 20
Drove marked Red Cedar
stake 2+2+24 in in
8 E pit
Surface gently rolling
Clay & sandy loam
Soil first rate

T. 31 N R 44 W

East on random line
between secs. 17 & 20
Va 15°30' E.

4000 Set temporary 1/4 sec cor
8020 Intersect N & S line at
the corner to secs. 16, 17, 20 &
21 from which corner I run
West on true line
between secs. 17 & 20
Va 15°30' E.

4010 Deposit charred stake
raised mound of earth
2½ ft. high from pits 18
+24+12 in deep for
1/4 sec cor

8020 The corner to secs. 17
18, 19 and 20
Land gently rolling
Clay & sandy loam
Soil first rate

W.
.5 & 6
5' E.
take
north
ts 18+
ec cor
ard
t of
secs. 32
W. and
take
earth
its 18+
r Closing
& 6
stake
pit
y
n
te
y
1878

T 31 N R 44 W

West on random line
between secs. 18 & 19
Va 15° 30' E

4000 Set temporary 1/4 sec cor
81.68 Intersect West boundary
28 lks North of corner to
secs. 18 and 19 from
which corner I run
N 89° 48' East on true line
between secs. 18 & 19
Va 15° 30' E.

41.68 Deposit charred stake
raised mound of Earth
2 1/2 ft high from pits
18 & 24 x 12 in deep for
1/4 sec cor

81.68 The corner to secs. 17
18, 19 and 20
Gently rolling
Clay & sandy loam
Soil frustrate

T. 31 N R 44 W

North between secs. 17 & 18
Va 15° 15' E.

3450 Drain or dry creek course
East

4000 Deposit charred stake
raised mound of Earth
2 1/2 ft. high from pits 18 x
24 x 12 in. deep for 1/4 sec
cor

8000 Deposit charred stake
raised mound of Earth
2 1/2 ft high from pits 18
x 24 x 12 in deep for corner
to secs. 7, 8, 17 and 18
Drove marked Red Cedar stake 2 x 2 x 24 in in O Epit
Gently rolling
Clay & sandy loam
Soil frustrate

W,
,5 & 6
5' E,
take
north
ts 18 x
ee cor
ard
t of
secs. 32
W, and
take
Earth
its 18 x
r Closing
& 6
stake
pit
y
n
te
y
1878

T 31 N R 44 W

East on random line
between secs 8 & 17
Va 15° 30' E

4000 Set temporary 1/4 sec cor.
8006 Intersect Prop. line
12 lks South of corner
to secs. 8, 9, 16 and 17
from which corner I saw
S 89° 55' West on true line
between secs. 8 & 17
Va 15° 30' E.

4003 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits
18 x 24 x 12 in deep for
1/4 sec cor.

8006 The corner to secs. 7
8, 17 and 18
Land gently rolling
Clay loam
Soil fine texture

T 31 N R 44 W

West on random line
between secs. 7 & 18
Va 15° 30' E.

4000 Set temporary 1/4 sec cor.
81.44 Intersect West boundary
34 lks North of corner
to sec. 7 & 18 from which
corner I saw
N 89° 45' East on true line
between secs 7 & 18
Va 15° 30' E.

41.44 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits
18 x 24 x 12 in deep for
1/4 sec cor.

81.44 The corner to secs. 7
8, 17 & 18
Gently rolling
Clay & sandy loam
Soil fine texture

T 31 N R 44 W

North between secs 7 & 8
Va 15° 15' E.

4000 Deposit charred stake raised mound of earth 2½ ft. high from pits 18 x 24 x 12 in. deep for 1/4 sec cor

8000 Deposit charred stake raised mound of Earth 2½ ft high from pits 18 x 24 x 12 in. deep for corner to secs. 5, 6, 7 & 8

Drove marked Red Cedar stake 2 x 2 x 24 in in 8 E pit

Land gently rolling Clay & sandy loam Soil Fir strate

T. 31 N R 44 W

East on random line between secs. 5 & 8
Va 15° 30' E.

4000 Set temporary 1/4 sec cor.

77.60 Drain course 8 E

79.86 Intersect N. & S. line 16 lks South of corner to secs. 4 5, 8 & 9 from which corner I run

S 89° 53' West on true line between secs. 5 & 8
Va 15° 30' E.

39.93 Deposit charred stake raised mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

79.86 The corner to secs. 5, 6, 7 and 8

Gently rolling Clay & sandy loam Soil Fir strate

W,
5 & 6
5' E,
take
north
ts 18 x
ec cor
ard
t of
secs. 32
W, and
take
Earth
ts 18 x
r Closing
& 6
stake
pit
y
n
te
y
1878

T. 31 N R 44 W

West on meander line
between secs 6 & 7
Va 15° 30' E.

4000 Set temporary 1/4 sec cor.
81.40 Intersect West boundary
24 lks North of corner to
secs. 6 & 7 from which
corner a pine
N 89° 50' East on true line
between secs. 6 & 7
Va 15° 30' E.

41.40 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in deep
for ~~corner to secs~~
1/4 sec cor

81.40 The corner to secs. 5
6, 7 and 8
Gently rolling
Soil sandy & clay
loam first rate

T. 31 N R 44 W

North on random line
between secs. 5 & 6
Va 15° 15' E.

4000 Set temporary 1/4 sec cor
46.25 Drain course S E
79.74 Intersect North boundary
12 lks East of corner to
secs. 5 & 6 from which
corner a pine
South 5' E. on true line
between secs. 5 & 6
Va 15° 15' E.

39.74 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits
18 x 24 x 12 in deep for 1/4
sec cor

79.74 The corner to secs
5, 6, 7 and 8.
Gently rolling
Clay & sandy loam
Soil first rate
October 22nd 1878

T 31 N R 44 W

General Description

This is a good township for Agricultural purposes. The soil principally is dark clay & sandy loam of good depth and quality. Rush creek and its branches run through the township. There is no running water but numerous deep holes of pure good water. There is no considerable valley along the creek, but the banks have a smooth gradual slope away from the creek. There is a range of low thirdrate sandhills

running E & W in Southern part of the township.

The surface is generally rolling with smooth even slopes. There is a good growth of grass, principally Buffalo, Redtop and Blue joint.

The land will produce good crops of grains adapted to the climate without artificial irrigation

T. 31 N R 44 W

List of Names

A list of the names of the individuals employed to assist in running measuring the lines and corners described in the foregoing field notes of Township 31 North of the Base line of Range 44 West of the 6th Principal Meridian showing the respective capacities in which they acted:

Wm S. Orr Chainman
J. S. Davenport. Chainman
R. R. Crow Cornerman
E. J. Seeley Cornerman
S. F. Kenney Flagman

N,
.5 & 6
5' E,
)
take
north
ts 18+
ee cor
ard
t of
ees, 32
W, and
take
north
ts 18+
r Closing
& 6
stake
pit
y
n
te
y
1878

We hereby certify that we assisted Charles R. Starkweather Deputy Surveyor, in Surveying and subdividing Township No. 31 North of the base line of Range No. 44 West of the 6th Principal Meridian in 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 of dimensions, character construction and marking and in the manner as specifically described in the foregoing field notes

W. S. Orr	Chainman
J. S. Davenport	Chainman
R. R. Crow	Cornerman
E. J. Seely	Cornerman
S. F. Kearney	Flagman

Signed in my presence and sworn to before me this 16th of Dec 1878

A. G. Kendall
Clerk Dist Court
Howard Co Nebr

N,
.5 & 6
5' E,
take
north
ts 18+
ee cor
ard
t of
ees, 32
N, and
take
north
ts 18+
r Closing
& 6
stake
pit
y
e
te
y
1878

I, Charles R. Starkweather Deputy Surveyor, do solemnly swear that in pursuance of a Joint Contract wherein Nicholas J. Paul, Robert Harvey and Charles R. Starkweather are joint Contractors with John R. Clark United States Surveyor General for the District of Nebraska and Iowa, bearing date the 31st day of July 1878 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 the subdivisional lines of Township No. 31 North of the Base Line of Range No. 44 West of the 6th Principal Meridian in Nebraska, 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, printed Instructions, and Special Instructions of the Surveyor General, of dimensions character, construction and marking, and in the manner as specifically described in the foregoing field Notes, and that the foregoing are the true and original field Notes of such survey —

Charles R. Starkweather

Signed in my presence and sworn to before me this 12th day of Mch 1879

A. J. Kendall
Clerk Dist Court

63

Surveyor General's Office
Plattsmouth May 23rd 1879

The foregoing Field Notes of the Survey of the Subdivision Lines of Township No 31 North of the Base line of Range No 44 West of the 6th Principal Meridian in the State of Nebraska Executed by Charles R. Harkwenther Deputy Surveyor under Joint Contract No 109 dated July 31st 1878 in the month of October 1878 having been Critically Examined, the necessary Corrections and Explanations made the said Field Notes and the Surveys they describe are hereby Approved

Geo S Smith
Surveyor General

Index Diagram
Town 32 N. R 44 W

6	63	5	47	4	36	3	25	2	14	1
62		61		46		35		24		13
7	60	8	44	9	34	10	23	11	12	12
59		54		44		33		22		11
18	57	17	43	16	32	15	21	14	10	13
56		55		42		31		20		9
19	54	20	41	21	30	22	19	23	8	24
53		52		40		29		18		7
30	51	29	39	28	28	27	17	26	6	25
50		49		38		27		16		5
31	48	32	37	33	26	34	15	35	4	36

(a)

Field Notes
of the
Subdivisional lines of Township No. 32 North of the Base Line of Range No. 44 W. of 6th Principal Meridian Nebraska Surveyed by Robert Harvey and Charles R. Starkweather, Deputy Surveyors, under joint Contract No. 109 bearing date July 31st, 1878, wherein Nicholas J. Paul, Robert Harvey and Charles R. Starkweather are joint Contractors with John R. Clark, United States Surveyor General for the District of Nebraska and Iowa

Survey Commenced
November 5th 1878

Survey Completed
November 7th 1878

63

4 W,
ees, 5 & 6
°25' E,
nw
stake
f north
its 18+
see cor
dard
st of
sees, 32
4 W, and
take
f north
its 18+
r Closing
& 6
stake
pit
y
e
te
y
1878

(B.)

Names and duties of Assistants

William Culbertson, Chainman
David Davis, Chainman
Max Amende Cornerman
Samuel Britton, Cornerman
Elwin Turner, Flagman

W. S. Orr Chainman
J. S. Davenport Chainman
E. J. Seeley Cornerman
R. R. Crow Cornerman
S. F. Keeney Flagman

T. 32 N., R 44 W.

B determine the proper adjustment of my Compass for subdividing this Township I begin at the corner to Townships 31 & 32 North Ranges 43 & 44 W. and run North on a blank line along the East boundary of section 36

Va 14° 58' E

4004 To a point 8 chs East of the 1/4 sec cor

8010 To a point 17 chs East of corner to secs. 25 & 36

To retrace this line or run parallel thereto my Compass must be adjusted to a variation of 15° 05' East

Subdivision Commenced November 5th 1878

T. 32 N. R. 44 W.

Room the corner to sections
1, 2, 35 and 36 on the South
boundary of the township
I run
North between secs. 35 & 36
Va 15° 05' E
4000 Deposit charred stake
raised mound of earth
2½ ft high from pits 18 x
24 x 12 in deep for 1/4 sec cor
8000 Deposit charred stake
raised mound of earth
2½ ft high from pits 18
x 24 x 12 in deep for
Corner to secs. 25, 26
35 and 36
Drove marked Red Cedar stake
2 x 2 x 24 in in SE pit
Gently rolling.
Clay & Sandy Loam
Soil first rate

T. 32 N. R. 44 W.

East on random line
between secs. 25 & 36
Va 15° 05' E
4000 Set temporary 1/4 sec cor
79.76 Intersect East boundary
40 lks. South of corner to
secs. 25 & 36 from which
Corner I run
S 89° 43' West on true line
between secs. 25 & 36
Va 15° 05' E,
39.88 Deposit charred stake
raised mound of earth
2½ ft high from pits 18
x 24 x 12 in deep for
1/4 sec cor
79.76 The corner to secs. 25
26, 35 and 36
Land gently rolling
Clay loam first rate

T 32 N R 44 W

North between secs 25 & 26
Va 15° 08' E

4000 Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 114 sec cor

8000 Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for corner to secs. 23. 24 25 and 26
Drove marked Red Cedar stake 2 x 2 x 24 in. in Sepit
Undulating Clay loam
Soil first rate

T. 32 N R 44 W

East on random line between secs. 24 & 25
Va 15° 10' E.

4000 Set temporary 1/4 sec cor.

7000 Leave plain and enter range of hills bears N & S.

7990 Intersect East boundary 18 chs. South of corner to secs 24 & 25 from which corner I run
S 89° 52' West on true line between secs. 24 & 25
Va 15° 10' E.

3995 Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 114 sec cor

7990 The corner to secs 23. 24 25 and 26
Undulating first rate
Hills second rate

4 W.
secs. 5 & 6
°25' E.
new
stake
f earth
its 18 x
sec cor
dard
st of
secs. 32
W. and
take
earth
its 18 x
r Closing
& 6
stake
pit
y
e
te
y
1878

T 32 N R 42 W

North between secs. 23 & 24
Va 15° 05' E.

4000 Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec corner

8000 Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for corner to secs. 13, 14, 23 and 24

Drove marked Red Cedar stake 2 x 2 x 24 in in S E pit

Undulating Clay loam soil First rate

T 32 N R 44 W

East on random line between secs. 13 & 24
Va 15° 15' E.

4000 Set temporary 1/4 sec cor.

75.00 Leave undulating land for hills bear N & S.

79.26 Intersect East boundary 30 lks. North of corner to secs 13 & 24 from which corner I run

N 89° 47' West on true line between secs. 13 & 24
Va 15° 15' E.

39.63 Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

79.26 The corner to secs 13, 14, 23 and 24

Undulating, Clay loam First rate

Hills Third rate

T 32 N R 44 W

North between secs 13 & 14
Va 15° 08' E.

4000 Deposit charred stake
raised mound of earth
2½ ft high from pits
18 x 24 x 12 in deep for
1/4 sec cor.

8000 Deposit charred stake
raised mound of earth
2½ ft high from pits
18 x 24 x 12 in deep for
corner to secs. 11, 12
13 and 14
Drove marked Red Cedar stake
2 x 2 x 24 in in S E pit
Undulating Clay loam
Soil rich fine

T 32 N R 42 W

East on random line
between secs. 12 & 13
Va 15° 10' E.

27.00 Leave undulating and
enter hills bear N & S.

4000 Set temporary 1/4 sec cor.

79.70 Intersect East boundary
14 lks North of corner to secs
12 & 13 from which corner
I run
N 89° 54' West on true line
between secs. 12 & 13
Va 15° 10' E.

3985 Deposit charred stake
raised mound of earth
2½ ft high from pits
18 x 24 x 12 in deep
for 1/4 sec cor

7970 The corner to secs. 11,
12, 13 and 14.
Undulating, fine rate
Hills, This date
November 5th 1878

T 32 N R 44 W

North between secs. 11 & 12
Va 15° 08

40.00 Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

80.00 Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for corner to secs. 1, 2, 11 and 12

Drove marked Pine stake 2 x 2 x 24 in in S E pit

Undulating Clay loam Soil fertile

T 32 N R 44 W

East on random line between secs. 1 & 12
Va 15° 10' E.

50.00 Leave undulating and enter hills bears N W & S

40.00 Set temporary 1/4 sec cor

79.98 Intersect East boundary 6 chs. South of corner to secs 1 and 12 from which corner I run S 89° 57' West on true line between secs. 1 and 12
Va 15° 10' E

39.99 Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec corner

79.98 The corner to secs. 1, 2, 11 and 12
West 5 chs. fertile
Balance rolling hills, soil secondrate

T 32 N R 44 W

North on true line between secs. 1 & 2
Va 15°05' E.

4000 Deposit charred stake raised mound of north 2½ ft high from pits 18 x 24 x 12 in deep for 114 sec cor

58.36 Intersect 8th Standard Parallel 215 chs. East of the Standard corner to secs. 36 & 36 T. 33 Ranges 41 & 42
Deposit charred stake raised mound of Earth 2½ ft. high from pits 18 x 24 x 12 in deep for ~~Closing~~ Corner to secs. 1 & 2
Drove marked Pine stake 2 x 2 x 24 in in E. pit
Rolling Clay loam
Soil good secondrate
Charles R. Starkweather
(November 6th 1878)

T 32 N R 44 W

North between secs. 34 & 35
Va 15°05' E.

4000 Deposit charred stake raised mound of Earth 2½ ft. high from pits 18 x 24 x 12 in deep for 114 sec cor

8000 Deposit charred stake raised mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for corner to secs 26, 27, 34 and 35
Drove marked Red Cedar stake 2 x 2 x 24 in in E pit
Gently rolling Clay loam
Soil fistrate

4 W.
secs. 5 & 6
5°25' E.
New
stake
of north
pits 18 x
4 sec cor
ndard
st of
to secs. 32
4 W. and
stake
Earth
its 18 x
r Closing
& 6
stake
pit
y
e
te
y
1878

T 32 N R 44 W

East on random line
between secs 26 & 35
Va 15° 10' E.

4000 Set temporary 1/4 sec cor

8010 Intersect N & S. line 17 lks
North of corner to secs. 25, 26
35 & 36 from which
corner I run
N 89° 55' West on true line
between secs. 26 & 35
Va 15° 10' E.

4005 Deposit chaned stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in. deep for 1/4
sec cor

8010 The corners to secs. 26
27, 34 and 35
Gently rolling clay
loam soil fine texture

T 32 N R 44 W.

North between secs. 26 & 27
Va 15° 09' E.

4000 Deposit chaned stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in. deep for
1/4 sec cor

4350 Drain course SW

8000 Deposit chaned stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in deep for corner
to secs. 22, 23, 26 and
27
Drove marked Pine stake
2 x 2 x 24 in. in SE pit
Undulating black
soil, fine texture
Good grassland

T 32 N R 44 W.

East on random line
between secs 23 & 26
Va 15° 09' E.

12.25 Drain course South
4000 Set temporary 1/4 sec cor
41.30 Same drain course North
7685 Same drain course SW
8018 Intersect N & S. line 27 lks.
South of corner to secs. 23
24, 25 and 26 from which
corner I run
S 89° 48' West on true line
between secs. 23 & 26
Va 15° 09' E.

40.09 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in deep for
1/4 sec corner
8018 The corner to secs
22, 23, 26 and 27
Level Black soil
rich fistrate

T 32 N R 44 W

North between secs. 22 & 23
Va 15° 00' E.

4000 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits 18 x
24 x 12 in deep for 1/4
sec cor
8000 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18 x
24 x 12 in deep for 1/4
corner to secs. 14, 15
22 & 23
Drove marked Pine stake
2 x 2 x 24 in. in S Epit
Gently undulating
Black loam
Soil fistrate

4 W.
secs. 5 & 6
°25' E.
NW
dstake
f north
its 18 x
4 sec cor
ndard
st of
secs. 32
4 W. and
take
earth
its 18 x
r Closing
& 6
stake
pit
y
e
te
y
1878

T 32 N R 44 W

East on random line
between secs. 14 & 23
Va 15° E,

17.20 Drain course South
4000 Set temporary 1/4 sec cor
79.78 Intersect N & S, line 33 links
South of corner to secs. 13
14, 23 and 24 from which
corner I run
S 89° 46 West on true line
between secs. 14 & 23
Va 15° E,
39.89 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in deep
for 1/4 sec cor
79.78 The corner to secs. 14
15, 22 & 23
Undulating loam
Soil fine trate

T 32 N R 44 W

North between secs. 14 & 15
Va 14° 54' E,
4000 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in. deep for
1/4 sec cor
68.70 Drain course East
8000 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in deep for
Corner to Secs. 10
11, 14 and 15
Drove marked Pine stake
2 x 2 x 24 in in S E pit
Undulating black
loam, soil fine trate

T. 32 N R 44 W

East on random line
between secs 11 & 14
Va 14° 54' E.

6.90 Drain course SE

40.00 Set temporary 1/4 sec cor

58.50 Drain course SW

79.56 Intersect N & S. line 21
links South of corner to
secs. 11, 12, 13 and 14 from
which corner I run
S 89° 51' West on true line
between secs. 11 & 14
Va 14° 54' E.

39.78 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in deep for
1/4 sec corner

79.56 The corner to secs. 10, 11
14 and 15
Undulating black loam
Soil, Excellent, first rate
November 5th 1878
Robert Harvey

T. 32 N R 44 W

North between secs. 10 & 11
Va 15° 24' E.

40.00 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in deep for 1/4
sec corner

76.00 Drain course SW

80.00 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in deep for
corner to secs. 2, 3, 10
and 11
Drove marked Pine stake
2 x 2 x 24 in in SE pit
Undulating black
loam, soil first rate

S 32 N R 44 W

East on random line
between secs. 2 & 11
Va 14° 54' E,

40.00 Set temporary 1/4 sec cor
56.50 Drain course SW
79.52 Intersect N. & S. line 61
lks South of corner to secs
12, 11 and 1 from which
corner I run
S 89° 34' West on true line
between secs. 2 & 11
Va 14° 54' E,

39.76 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in deep for
1/4 sec cor

79.52 The corners to secs
2, 3, 10 and 11
Undulating surface
Black loam first rate

S 32 N R 44 W

North on true line between Secs. 2 & 3
Va 14° 54' E

4.70 Drain course SW
40.00 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in deep
for 1/4 sec cor
59.66 Intersect 8th Standard
Parallel 2.50 chs East of
Standard Corner to secs
35 & 36 T. 33 N R 44 W.
Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18
x 24 x 12 in deep for
Closing Corner to secs
2 and 3
Drove marked Pine stake
2 x 2 x 24 in E pit
Pretty rolling, black
loam, first rate
Robert Hawey
November 6th 1878

T 34 N R 44 W.

North between secs. 33 & 34
Va 15° 08' E.

4000 Deposit chained stake raised mound of earth 2½ ft. high from pits 18 × 24 × 12 in deep for 1/4 sec cor

8000 Deposit chained stake raised mound of earth 2½ ft high from pits 18 × 24 × 12 in deep for ~~1/4~~ Corner to secs. 27, 28 33 and 34
Drove marked Cedar stake 2 × 2 × 24 in in S E pit
Gently rolling Clay loam. first rate

T 32 N R 44 W

East on random line between secs. 27 & 34
Va 15° 12' E.

4000 Set temporary 1/4 sec cor

8000 Intersect N & S line of Ks North of corner to secs. 26 27, 34 & 35 from which corner I run
N 89° 56' West on true line between secs. 27 & 34
Va 15° 12' E.

4000 Deposit chained stake raised mound of earth 2½ ft high from pits 18 × 24 × 12 in deep for 1/4 sec cor

8000 The corner to secs 27, 28, 33 and 34
Gently rolling Clay loam, first rate

T 32 N R 44 W

North between secs. 27 & 28
Va 15° 08' E.

4000 Deposit chained stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in. deep for 1/4 sec cor

63.00 Drain course SW

8000 Deposit chained stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in. deep for Corner to secs. 21, 22, 27 and 28

Done marked cedar stake 2 x 2 x 24 in in S E pit

Surface undulating Clayloam first rate

T 32 N R 44 W

East on random line between secs. 22 & 27
Va 15° 10' E.

17.35 Drain course South

40.00 Set temporary 1/4 sec. cor.

79.56 Intersect N & S. line 40 lks South of corner to secs. 22, 23, 26 & 27 from which Corner I am S 89° 43' West on true line between secs. 22 & 27
Va 15° 10' E.

39.78 Deposit chained stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in. deep for 1/4 sec cor

79.56 The corner to secs. 21, 22, 27, 28

Undulating Clayloam Soil first rate

T 32 N R 44 W.

North between secs 21 & 22
Va 15° 15' E.

36.50 Drain course SE

40.00 Deposit chained stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

80.00 Deposit chained stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for corner to secs. 15, 16, 21 and 22

Drove marked Cedar stake 2 x 2 x 24 in. in S E pit

Undulating Clay loam, Soil, first rate

T 32 N R 42 W.

East on random line between secs. 15 & 22
Va 15° 10' E.

40.00 Set temporary 1/4 sec cor

68.20 Drain course South

79.96 Intersect N. & S. line 22 Ks. South of corner to secs. 14 15, 22 & 23, from which corner Arun S. 89° 51' West on true line between secs 15 & 22
Va 15° 10' E.

39.98 Deposit chained stake raised mound of earth 2½ ft. high from pits 18 x 24 x 12 in. deep for 1/4 sec cor

79.96 The corner to secs. 15 16, 21 and 22

Undulating Clay loam Soil first rate

T 32 N R 44 W.

North between secs. 15 & 16
Va 15° 15' E.

4000 Deposit chained stake
raised mound of earth
2½ ft. high from pits 18
+ 24 + 12 in. deep for
1/4 sec cor

8000 Deposit chained stake
raised mound of earth
2½ ft high from pits
18 + 24 + 12 in. deep for
Corner to secs. 9, 10
15 & 16
Drove marked Cedar stake
2 + 2 + 24 in. in S E pit
Undulating Clay loam
Soil Bistrate

T 32 N R 44 W

East on random line
between secs. 10 & 15
Va 15° 15' E.

4000 Set temporary 1/4 sec cor
65.10 Drain course South
80.20 Intersect N. & S. line 12 Rs.
North of corner to secs. 10, 11
14 & 15 from which corner
I run
N 89° 55' West on true line
between secs. 10 & 15
Va 15° 15' E.

40.10 Deposit chained stake
raised mound of earth
2½ ft high from pits 18 +
24 + 12 in. deep for
1/4 sec cor

80.20 The corner to secs. 9
10, 15 and 16
Undulating Clay loam
Soil Bistrate
Charles R Storkweather
November 6th 1878

T 32 N R 44 W

North between secs. 9 & 10
Va 15° 05' E.

4000 Deposit chained stake raised mound of Earth 2½ ft. high from pits 18 × 24 × 12 in deep for 1/4 sec cor

8000 Deposit chained stake raised mound of Earth 2½ ft high from pits 18 × 24 × 12 in. deep for Corner to secs. 3, 4, 9 and 10
Drove marked Cedar stake 2 × 2 × 24 in. in SE pit
Undulating Clay loam first rate

T 32 N R 44 W

East on random line between secs. 3 & 10
Va 15° 15' E.

37.50 Drain course SE
4000 Deposit temporary 1/4 sec cor
8008 Intersect N & S. line 16 Ks. North of corner to secs. 2, 3, 10 & 11 from which corner I run
N 89° 53' West on true line between secs. 3 & 10
Va 15° 15' E.

40.04 Deposit chained stake raised mound of earth 2½ ft high from pits 18 × 24 × 12 in. deep for 1/4 sec cor

8008 The corner to secs. 3, 4, 9 and 10
Undulating Clay loam Soil first rate

T 32 N R 44 W

North between Secs. 3 & 4
Va 15° 15' E.

4001 Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in. deep for 1/4 sec cor

60.55 Intersect 8th Standard parallel 2.45 chs East of corner to secs. 3 4 & 33 & 34

T. 33 N R 44 West

Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in. deep for Closing corner to secs 3 & 4

Drove marked cedar stake 2 x 2 x 24 in in E pit

Gently rolling

Clay loam, first rate

November 4th 1878

Charles R. Storkweather

T 32 N R 44 W.

North between secs. 32 & 33
Va 15° 15' E.

4000 Deposit charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in. deep for 1/4 sec cor

72.00 Draw course East

8000 Deposit charred stake raised mound of earth 2½ ft. high from pits 18 x 24 x 12 in. deep for corner to secs. 28, 29 32 and 33

Drove marked cedar stake 2 x 2 x 24 in in S E pit

Gently rolling

Soil first rate

T 37 N R 44 W

East on random line
between secs. 28 & 33
Va 15° 25' E.

40.00 Set temporary 1/4 sec cor

51.75 Drain course SW

79.80 Intersect N & S. line 10 lks.
North of corner to secs. 27
28, 33 and 34 from which
corner I run
N 89° 56' West on true line
between secs. 28 & 33
Va 15° 25' E.

39.90 Deposit chained stake
raised mound of earth 2½
ft high from pits 18 x 24
x 12 in. deep for 1/4
sec corner

79.80 The corner to secs. 28,
29, 32 & 33
Gently rolling clay
loam soil first rate

T 37 N R 44 W

North between secs. 28 & 29
Va 15° 45' E.

39.75 Drain course East

40.00 Deposit chained stake
raised mound of earth
2½ ft high from pits 18 x
24 x 12 in deep for
1/4 sec cor

80.00 Deposit chained stake
raised mound of earth
2½ ft. high from pits 18
x 24 x 12 in deep for ~~1/4~~
corner to secs. 20, 21
28 and 29
Drove marked Pine stake
2 x 2 x 24 in. in S E pit
Land gently rolling
Dark loam
Soil first rate

T 32 N R 44 W

East on random line
between secs. 21 & 28
Va 15° 45' E.

40.00 Set temporary 1/4 sec cor.

53.00 Drain course SE

80.16 Intersect N & S. line 20 lks.
South of corner to secs. 21
22, 27 & 28 from which
corner I run
S 89° 51' West on true line
between secs. 21 & 28
Va 15° 45' E.

40.23 Deposit chamed stake
raised mound of earth
2 1/2 ft. high from pits
18 x 24 x 12 in. deep
for 1/4 sec cor

80.26 The corner to secs. 20
21, 28 and 29
Surface Undulating
Soil Gristrale

T 32 N R 44 W

North between secs 20 & 21
Va 15° 45' E

35.90 Drain course East

40.00 Deposit chamed stake
raised mound of earth
2 1/2 ft. high from pits 18
x 24 x 12 in. deep for
1/4 sec cor

80.00 Deposit chamed stake
raised mound of earth
2 1/2 ft. high from pits
18 x 24 x 12 in deep
for Corner to secs.
16, 17, 20 and 21
Drove marked Pine stake
2 x 2 x 24 in. in SE pit
South half South slope
Black loam, Gristrale
North half, gently rolling
Soil Gristrale

T 32 N R 44 W

East on random line
between secs. 16 & 21
Va 15° 45' E,

1,20 Drain course South
40,00 Set temporary 1/4 sec Cor.
80,44 Intersect N. & S. line 29
lks. South of corner to secs
15, 16, 21 and 22 from which
corner I run
S 89° 48' West on true line
between secs. 16 & 21
Va 15° 45' E,

40,22 Deposit chamfered stake
raised mound of earth
2 1/2 ft. high from pits
18 + 24 + 12 in. deep for
1/4 sec cor.

80,44 The corner to secs
16, 17, 20 & 21
Land gently rolling
Soil good second rate

T 32 N R 44 W

North between secs. 16 & 17
Va 15° 40' E,

3,60 Drain course SE
7,00 Same Drain course SW
19,40 Same Drain course SE
40,00 Deposit chamfered stake
raised mound of earth
2 1/2 ft. high from pits 18 + 24
+ 12 in. deep for 1/4 sec
Corner

80,00 Deposit chamfered stake
raised mound of earth
2 1/2 ft. high from pits
18 + 24 + 12 in. deep
for corner to secs. 8,
9, 16 and 17
Drive marked Pine stake
2 + 2 + 24 in. in SE pit
Land gently rolling
Soil first rate

T 32 N. R 44 W

East on random line
between secs. 9 & 16
Va 15° 45' E.

37.80 Drain course South
40.00 Set temporary 1/4 sec cor.
80.50 Intersect No. 1 line 35 lks.
South of corner to secs. 9, 10
15, & 16 from which
Corner I run
S 89° 45' West on true line
between secs. 9 & 16
Va 15° 45' E.

40.25 Deposit charred stake
raised mound of Earth
2 1/2 ft. high from pits
18 + 24 + 12 in deep for
1/4 sec. cor.

80.50 The corner to secs 8
9, 16 and 17
Gently rolling
Dark clay loam, first rate
November 6th 1878
Robert Harvey

T 32 N. R 44 W

North between secs. 8 & 9
Va 15° 30' E.

34.25 Drain course SE
40.00 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 + 24 + 12 in deep for
1/4 sec cor
60.30 Drain course SE
80.00 Deposit charred stake
raised mound of earth 2 1/2
ft. high from pits 18 + 24
+ 12 in deep for corner
to secs. 4, 5, 8 and 9
Drove marked Pine stake
2 + 2 + 24 in. in S.E. pit
Surface gently rolling
Dark rich loam
Soil first rate

T 32 N R 44 W

East on random line
between secs. 4 & 9
Va 15° 30' E.

40.00 Set temporary 1/4 sec cor
80.52 Intersect N. & S. line 15 lks
South of corner to secs
3, 4, 9 and 10 from which
corner I saw
S 89° 54' West on true line
between secs. 4 & 9
Va 15° 30' E.

40.26 Deposit chained stake
raised mound of earth 2 in
ft. high from pits 18 + 24
+ 12 in deep for 1/4
sec cor.

80.52 The corners to secs. 4
5 8 and 9
Gently rolling
Black loam
Soil fistrate

T 32 N R 44 W.

North, on true line between secs. 4 & 5
Va 15° 30' E.

40.00 Deposit chained stake
raised mound of earth
2 1/2 ft. high from pits 18
+ 24 + 12 in deep for
1/4 sec cor.

61.25 Intersect 8th Standard
Parallel 2.28 chs. East
of Standard corner to secs
33 & 34 T. 33 N R 44 W
Deposit chained stake
raised mound of earth 2 1/2
ft high from pits 18 + 24 + 12
in. deep for Closing
Corner to secs 4 & 5
Drove marked Pine stake
2 + 2 + 24 in. in E. pit.
Land gently rolling
Rich black loam
Soil fistrate
November 7th 1878
Robert Havey

T 32 N R 44 W

North between secs 31 & 32
Va 15° 10' E.

4000 Deposit charred stake
raised mound of earth
2½ ft high from pits 18
x 24 x 12 in. deep for
1/4 sec cor

52.50 Drain course East

8000 Deposit charred stake
raised mound of earth
2½ ft high from pits 18
x 24 x 12 in deep for
corner to secs. 29, 30
31 and 32
Drove marked Red Red Cedar stake
2 x 2 x 24 in in S E pit
Gently rolling Clay loam
Soil Firstrate

T 32 N R 44 W

East on random line
between secs 29 & 32
Va 15° 20' E.

4000 Set temporary 1/4 sec cor

51.75 Drain course South

80.12 Intersect N & S. line at
corner to secs 28, 29, 32 & 33
from which corner I run
West on true line
between secs. 29 & 32
Va 15° 20' E.

4006 Deposit charred stake
raised mound of earth
2½ ft high from pits 18
x 24 x 12 in deep for 1/4
sec cor

8012 The corner to secs
29, 30, 31 and 32
Undulating dark loam
Soil Firstrate

T 32 N R 44 W

West on random line
between secs. 30 & 31
Va 15° 20' E.

4000 Set temporary 1/4 sec cor.
81.74 Intersect West boundary 10
lks. North of corner to secs. 30 & 31
from which corner I run
N 89° 56' East on true line
between secs. 30 & 31
Va 15° 20' E.

41.74 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits 18
x 24 x 12 in deep for
1/4 sec cor

81.74 The corner to secs. 29
30, 31 and 32
Undulating clay loam
Soil fistrate

T 32 N R 44 W

North between secs. 29 & 30
Va 15° 24' E.

4000 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in. deep for
1/4 sec cor

8000 Deposit charred stake
raised mound of earth
from pits
18 x 24 x 12 in. deep for
corner to secs. 19, 20
29 & 30
Drove marked Red Cedar stake
2 x 2 x 24 in. in S E pit
Undulating clay loam
Soil fistrate
Charles R Starkweather

T 32 N R 44 W

East on random line
between secs 20 & 29
Va 15° 35' E.

4000 Set temporary 1/4 sec cor.
59.75 Drain course South
80.10 Intersect N & S. line 20 lks.
North of corner to secs.
20, 21, 28 and 29 from which
corner I run
N 89° 51' West on true line
between secs. 20 & 29
Va 15° 35' E.

40.05 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 + 24 + 12 in deep
for 1/4 sec corner

80.10 The corner to secs. 19
20, 29 and 30
Undulating Clay loam
Soil Firstrate

T 32 N R 44 W

West on random line
between secs. 19 & 30
Va 15° 30' E.

4000 Set temporary 1/4 sec cor
81.19 Intersect West boundary
57 lks North of corner to secs
19 & 30 from which corner
I run
N 89° 3[illegible]' East on true line
between secs. 19 & 30
Va 15° 30' E.

41.19 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits 18
+ 24 + 12 in deep for
1/4 sec. cor.

81.19 The corner to secs. 19, 20
29 and 30
Gently rolling Clay loam
Soil Firstrate
Robert Harvey

T 32 N R 44 W.

North between Secs. 19 & 20
Va 15° 45' E.

40.00 Deposit charred stake raised mound of earth 2½ ft high from pits 18 + 24 + 12 in deep for 1/4 Sec cor

49.35 Drain course East

56.00 Drain course SE

80.00 Deposit charred stake raised mound of earth 2½ ft high from pits 18 + 24 + 12 in deep for corner to secs. 17, 18, 19 and 20

Drove marked Red cedar stake 2 x 2 x 24 in in SE pit

Land gently rolling
Dark loam fine trees

T 32 N R 44 W

East on random line between secs. 17 & 20
Va 15° 45' E.

9.50 Drain course SE

34.75 Drain course SW

40.00 Set temporary 1/4 Sec cor.

80.50 Intersect N. & S. line 25 chs. North of corner to secs. 16 17, 20 & 21 from which corner I run
N 89° 49' West on true line between secs. 17 & 20
Va 15° 45' E.

40.25 Deposit charred stake raised mound of earth 2½ ft high from pits 18 + 24 + 12 in deep for 1/4 Sec cor

80.50 The corner to secs 17, 18, 19 and 20
Gently undulating
Soil fine trees
Charles R Starkweather

T 32 N R 44 W

West on random line
between Secs 18 & 19
Va 15° 35' E

~~2.20 Ravine course East~~
40.00 Set temporary 1/4 sec cor
80.45 Intersect West boundary
23 lks. North of corner to secs
18 & 19 from which
corner I mm
N 89° 50' East on true line
between secs. 18 & 19
Va 15° 35' E.
40.45 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in deep
for 1/4 sec cor
80.45 The corner to secs. 17, 18
19, 20
Gently Undulating
Black loam, first rate

T 32 N R 44 W.

North between secs. 17 & 18
Va 15° 35' E.
2.20 Ravine course East
40.00 Deposit charred stake
raised mound of earth
2 1/2 ft. high from pits 18
x 24 x 12 in deep for
1/4 Sec corner
72.60 Ravine course S.E.
80.00 Deposit charred stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in deep
for corner to secs
7, 8, 17 and 18
Drove marked Pine stake
2 x 2 x 24 in. in S E pit
Gently rolling
black loam first rate
Robert Harvey

T 32 N R 44 W.

East on random line
between secs. 8 & 17
Va 14°45' E.

32.50 Drain course South
40.00 Set temporary 1/4 sec cor
80.42 Intersect N. & S. line 8 & 16
North of corner to secs. 8, 9
16 and 17 from which
corner I run
N 89°57' West on true line
between secs. 8 & 17
Va 14°45' E.
40.21 Deposit chained stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in. deep for
1/4 sec cor
80.42 The corner to secs. 7, 8
17 and 18
Land gently rolling
Soil fine loam

T 32 N R 44 W.

West on random line
between secs. 7 & 18
Va 14°45' E.

8.50 Ravine course S E
37.30 Drain course South
40.00 Set temporary 1/4 sec cor.
65.00 Drain course S E
80.70 Intersect West boundary
at corner to secs. 7 & 18 from
which corner I run
East on true line
between secs. 7 & 18
Va 14°45' E
40.70 Deposit chained stake
raised mound of earth
2 1/2 ft high from pits
18 x 24 x 12 in deep for
1/4 sec cor
80.70 The corner to secs. 7, 8
17 and 18
Land gently rolling
Soil black fine loam
Charles R. Starkweather

T 32 N R 44 W

North between secs. 7 & 8
Va 15°30' E.

4000 Deposit chained stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec corner

8000 Deposit chained stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in. deep for corner to secs 5 6, 7 and 8
Drove marked Red Cedar stake 2 x 2 x 24 in. in S Pit
Gently rolling Clay loam soil first rate

T. 32 N R 44 W.

East on random line between secs 5 & 8
Va 15°30' E.

4000 Set temporary 1/4 sec cor
5800 Drain course SW
8040 Intersect N & S. line 14 lks South of corner to secs. 4, 5 8 and 9 from which corner I run
S 89° 54' West on true line between secs. 5 & 8
Va 15° 30' E.

4020 Deposit chained stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

8040 The corner to secs. 5, 6 7 and 8
Land gently rolling Dark Clay loam soil first rate
Robert Harvey

T 32 N R 44 W

West on random line
between secs. 6 & 7
Va 15°45' E.

40.00 Set temporary 1/4 sec cor
80.30 Intersect West boundary
13 Lks. North of corner to
secs. 6 and 7 from
which corner I run
N 89°54' East on true line
between secs. 6 & 7
Va 15°45' E

40.30 Deposit chaned stake
raised mound of earth 2 1/2
ft high from pits 18 + 24 x
12 in deep for 1/4 sec
corner

80.30 The corners to secs. 5. 6
7 and 8
Rolling, dark loam
Soil, good second rate
Charles K. Starkweather

T 32 N R 44 W.

North, between secs. 5 & 6 (original line)
Va 15°25' E.

.20 Drain course NW

40.00 Deposit chaned stake
raised mound of earth
2 1/2 ft high from pits 18 +
24 + 12 in deep for 1/4 sec cor

62.17 Intersect 8th Standard
Parallel 3.25 chs. East of
Standard corner to secs. 32
& 33 T. 33 N R 44 W, and
Deposit chaned stake
raised mound of earth
2 1/2 ft high from pits 18 +
24 + 12 in deep for closing
corner to secs. 5 & 6
Drove marked Pine stake
2 x 2 x 24 in in E pit
Gently rolling
Black loam
Soil fine texture
Robert Harvey
November 7th 1878

T 32 N R 44 W

General Description

This is a good township In general the surface is undulating prairie The soil is a rich deep black loam producing an excellent growth of grass, suitable for hay in many places There is neither wood or water in the township but excellent can be obtained at from 6 to 12 feet by digging in the shallow ravines and low places There is much good farm land in this township

T 32 N R 44 W

List of Names.

A list of the names of the individuals employed to assist in running measuring or marking the lines and corners described in the foregoing field notes of Township No. 32 North of the Base line & Range No. 44 West of the 6th Principal Meridian in Nebraska showing the respective capacities in which they acted,

William Cubberson, Chainman
David Davis Chainman
Max Amende Cornerman
Samuel Britton, Cornerman
Edwin Turner, Flagman

W. S. Orr — Chainman
J. S. Davenport, Chainman
R. R. Crow, Cornerman
E. J. Seeley, Cornerman
S. F. Kenney, Flagman

We hereby certify that we assisted Robert Harvey and Charles R Stark weather Deputy Surveyors in Surveying and subdividing Township No 32 North of the Base Line, of Range No 44 West of the 6th Principal Meridian in Nebraska, and that said Township has been in all respects to the best of our knowledge and beliff, well and faithfully surveyed and the boundary Monuments planted according to the instructions furnished by the Surveyor General of dimensions character construction and marking and in the Manner as specifically described in the foregoing field Notes.

William Culbertson Chainman
David Davis Chainman
Max Amende Cornerman
Samuel Britton Cornerman
Flagman
Elvin Turner

W. S. Orr Chainman
J. S. Davenport Chainman
E J Selby Cornerman
K K Crow Cornerman
S. T. Keeney Flagman

Signed in my presence and sworn to before me this 16th day of Dec 1878

A. G. Kendall
Clerk Dist Court
Howard Co Nebr

I, Robert Harvey, deputy Surveyor do solemnly swear, that in pursuance of a joint contract wherein Nicholas J. Paul, Robert Harvey and Charles R. Starkweather, are joint Contractors with John R. Clark United States Surveyor General for the District of Iowa & Nebraska bearing date the 31st day of July 1878, ~~wherein~~ I have well, faithfully and truly, in my own proper person and in strict conformity with the Instructions furnished by the Surveyor General, the Surveying Manual, and the laws of the United States, surveyed all those parts or portions of Township No. 32 North of the Base Line of Range No. 44 West of the 6th Principal Meridian in Nebraska, that 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, printed Instructions and Special Instructions of the Surveyor General, of dimensions character construction and marking and in the manner as specifically described in the foregoing field notes, and that the foregoing ~~f~~ are the true and original field notes of such survey

Robert Harvey

Signed in my presence and sworn to before me this 1st day of April 1879

A. J. Kendall
Clerk Dist. Cert.

I, Charles R. Starkweather, Deputy Surveyor, do solemnly swear that in pursuance of a joint Contract wherein Nicholas J. Paul Robert Harvey and Charles R. Starkweather are joint Contractors with John R. Clark, United States Surveyor General, for the District of Nebraska and Iowa, bearing date the 31st day of July 1878, I have well faithfully and truly in my own proper person, and in strict conformity with the Instructions furnished by the Surveyor General, the Surveying Manual, and the laws of the United States, surveyed all those parts or portions of Township No. 32 North of the Base Line of Range No 44 West of the 6th Principal Meridian in Nebraska, that 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 printed Instructions and Special Instructions of the Surveyor General of dimensions, character, construction and marking, and in the manner as specifically described in the foregoing field notes, and that the foregoing field notes are the true and original field notes of such Survey.

Charles R. Starkweather

Signed in my presence and sworn to before me this 1 day of April A.D. 1879

D. Kendall
Clerk Dist Court

Surveyor Generals Office
Plattsmouth Neb May 23d 1879

The foregoing Field Notes of the Survey of the Subdivision Lines of Township No 32 North of the Base Line of Range No 44 West of the 6th Principal Meridian in the State of Nebraska Executed by Robert Harvey and Charles R Starkweather Deputy Surveyors under joint Contract No 109 dated July 31st 1878 in the Month of November 1878 having been critically Examined The necessary corrections and Explanations made the said Field Notes and the Surveys they describe are hereby Approved

Geo S Smith
Surveyor General

General Land Office • Original Field Notes

Book Number

656

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.