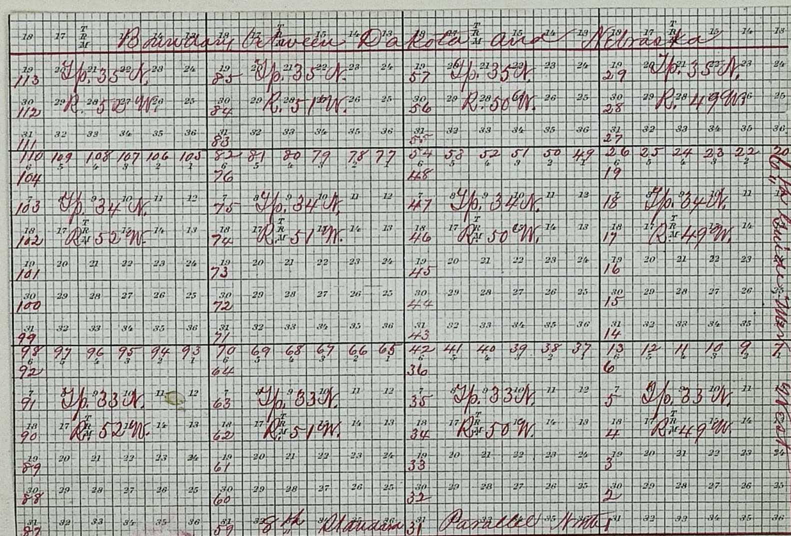
General Land Office • Original Field Notes

Book Number

280

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.


Boundary between Dakota and Nebraska
Tp. 35 N.
R. 52 W.
Tp. 35 N.
R. 51 W.
Tp. 35 N.
R. 50 W.
Tp. 35 N.
R. 49 W.
Tp. 34 N.
R. 52 W.
Tp. 34 N.
R. 51 W.
Tp. 34 N.
R. 50 W.
Tp. 34 N.
R. 49 W.
Tp. 33 N.
R. 52 W.
Tp. 33 N.
R. 51 W.
Tp. 33 N.
R. 50 W.
Tp. 33 N.
R. 49 W.
8th Standard Parallel North
6th Guide Mer. West

T.33-35 N.

R.49-57 W.

18.

A

Surveys made with Burt's Patent Improved Solar Compass, nearly new and in perfect order. Made by W. & R. E. Gurley of Troy, N.Y. in 1881. On the 1st day of March, 1882, by permission, I carefully compared my Instrument with the true Meridian at Cheyenne, that being nearer my work than the one at Plattsmouth and found it to be correct and in perfect adjustment. On the 6th day of March, 1882, at noon, I set my Instrument at the Cor. to Tps. 32 and 33 N., Rs. 49 & 50 W., and found it correct in all its adjustments. I took the latitude and found it to be 42° 47' North and proceed to run as follows: —

B

1

G. R. T. 33 N. R. 49 W. 6th P. M.

Chains.	
	From the Standard Cor. to Tps. ~~32 &~~ 33 N. Rs. 49 & 50 W., I run,
	North on a true line between sections 31 and 36.
	Va. 11° 45' East.
40.00	Set a Sand stone 16 x 12 x 4 ins., 17 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.
41.00	Ascend.
50.00	Top of Conical Butte and descend.
56.00	Foot of Butte, bears E. and W.
80.00	Set a Sand stone 24 x 10 x 4 ins., 18 ins in the ground for Cor. to Secs. 25, 30, 31 and 36, 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 of Bunch grass and Cactus.

W. B. T. 33 N. R. 49 W. 6th P. M.

Chains.

North on a true line between sections 25 and 30.

Va. 14° 45' East.

39.00 Cross Ravine, Course. N. 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.

59.50 Cross Brook, 5 lks. wide, Course N. E.

70.50 Cross White Riv, 130 lks. wide, Course N. E.

80.00 Set a Sand stone 24 x 16 x 4 ins. 18 ins. in the ground for Cor. to Secs. 19, 24, 25 and 30 marked with 2 notches on S. and 4 notches on N. 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 of Bunchgrass

W. B. T. 33 N. R. 49 W. 6th P. M.

Chains.

North on a true line between sections 19 and 24.

Va. 14° 45' 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.

48.50 Cross Road, bears, E. and W.

80.00 Set a Sand stone 24 x 16 x 4 ins. 18 ins. in the ground for Cor. to Secs. 13, 18, 19 and 24, marked with 3 notches on S. and 3 notches on N. 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 of Bunchgrass.

W. B. T. 33 N. R. 49 W. 6th P. M.

Chains.

North on a true line between sections 13 and 18.

Va. 14° 45' 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. 7, 12, 13 & 18,
marked T. 33 N., S. 7 on N. E., R. 49 W., S. 18
on S. E., R. 50 W., S. 13 on S. W and S. 12 on N. W. face,
with 4 notches on S. and 2 notches on W. 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 of Bunchgrass.

W. B. T. 33 N. R. 49 W. 6th P. M.

Chains.

North on a true line between sections 7 and 12.

Va. 14° 45' 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 Sand stone 30 x 16 x 4 ins. 22 ins. in
the ground for Cor. to Secs. 1, 6, 7 and 12, marked
with 5 notches on S. and 1 notch on W. 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 of Bunchgrass

N. B. T. 33 N. R. 49 W. 6th P. M.

Chains.

North on a true line between sections 1 and 6,

Va. 14° 45' 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 N. 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 30 x 24 x 4 ins. 22 ins. in the ground, for Cor. to Tps. 33 and 34 N. R's 49 and 50 W., marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth 2½ ft. high, 5 ft. base.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

March 6th 1882.

N. B. T. 33 N. R. 49 W. 6th P. M.

Chains.

Before proceeding further with the exteriors of 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.

I took the latitude and found it to be 42° 52' North thence

From the Cor. to Tps. 33 & 34 N., Rs. 49. & 50 W., I run East. on a random line on N. B. of Tp.

Va. 14° 30' East.

I set temporary corners at every half mile, and at 6 miles 2.60 chs. I arrive at a point 155 lks. South of Cor. to Tps, 33 & 34 Rs. 48 & 49 W. from which corner I run N. 89° 49' W. on a true line between sections 1 & 36,

Va. 14° 44' East.

Over rolling land.

13.00 Cross Creek, lks. wide, Course N. E.

26.50 Cross Creek, lks. wide, Course S. E.

40.00 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

N. B. T. 33 N. R. 47 W. 6th P. M.

Chains.	
	post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
52.00	Cross Creek, lks. wide, Course N. E.
54.00	Cross Creek, lks. wide, Course S. E.
80.00	Set a Sand stone 24 x 20 x 3 ins. 18 ins. in the ground for Cor. to Secs. 1, 2, 35 and 36 marked with 5 notches on W 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 of Bunchgrass.

N. B. T. 33 N. R. 47 W. 6th P. M.

Chains.	
	S. 89° 49' W. on a true line between sections 2 and 35.
	Va. 14° 40' East.
	Enter Valley, bears,
40.00	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 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. 2, 3, 34 & 35, marked T. 34 N., S. 35, on N. E., R 47 W., S. 2 on S. E., S. 3 on S. W and S. 34 on N. W. faces, with 4 notches on W 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.
	Soil 3rd rate
	Vegetation of Bunchgrass.

N. B. T. 33 N. R. 49 W. 6th P. M.

Chains.		
	S. 89° 49' W. on a true line between sections 3 and 34. Va. 14° 40' East.	
	Over level 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 N. face, dug pits, 18 x 18 x 12 ins., N. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.	
40.20	Cross White River, 140 lks. wide, Course N. E.	
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 3, 4, 33 & 34, marked T. 34 N., S. 34, on N. E., R 49 W., S. 3 on S. E., T. 33 N. S. 4 on S. W and S. 33 on N. W. faces, with 3 notches on N 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 level.	
	Soil 2nd rate	
	Vegetation of Bunchgrass.	

N. B. T. 33 N. R. 49 W. 6th P. M.

Chains.		
	S. 89° 49' W. on a true line between sections 4 & 33. Va. 14° 35' East.	
	Ascend.	
35.00	Top of Spur, bears N. 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 N. face, dug pits, 18 x 18 x 12 ins., N. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.	
72.00	Cross Creek, 14 lks. wide, Course S. E. and	
	Enter Valley, bears, N. and W.	
80.00	Set a Sand stone 20 x 16 x 4 ins. 15 ins. in the ground for Cor. to Secs. 4, 5, 32 and 33, marked with 2 notches on W 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 2nd rate	
	Vegetation of Bunchgrass.	

N. B. T. 33 N. R. 49 W. 6th P. M.

Chains.

S. 89° 49' W. on a true line between sections 5 and 32.

Va. 14° 35' East.

Over level 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 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.

54.00 Leave Valley, bears S. E. and N. W.

80.00 Set a Sand stone 24 x 20 x 3 ins. 15 ins. in the ground for Cor. to Secs. 5, 6, 31 and 32, marked with 1 notch on W. 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. and level.

Soil 3rd rate

Vegetation of Bunchgrass.

N. B. T. 33 N. R. 49 W. 6th P. M.

Chains.

S. 89° 49' W. on a true line between sections 6 and 31.

Va. 14° 30' East.

Over rolling land.

18.00 Cross Lone Tree Creek, 40 lks. wide, Course N. E.

30.00 Cross Lone Tree Creek, 40 lks. wide, Course S. E.

40.00 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.

82.60 The Cor. to Tps. 33 & 34 N. Rs. 49 & 50 W.

Land rolling.

Soil 2nd rate

Vegetation of Bunchgrass.

W. B. T. 34 N. R. 49 W. 6th P. M.

Chains.	
	North on a true line between sections 31 and 36.
	Va. 14° 30' East.
	Over rolling land.
14.00	Cross Creek, 10 lks. wide, Course N. E.
24.00	Cross Creek, 30 lks. wide, Course S. E.
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. 25, 30, 31 and 36, marked T. 34 N., S. 30, on N. E., R. 49 W., S. 31 on S. E., R. 50 W., S. 36 on S. W and S. 25 on N. W. faces, with 1 notch on S. and 5 notches on W. 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 of Bunchgrass.

W. B. T. 34 N. R. 49 W. 6th P. M.

Chains.	
	North on a true line between sections 25 and 30.
	Va. 14° 30' East.
	Over rolling land.
20.50	Cross Creek, 10 lks. wide, Course N. E.
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. 19, 24, 25 & 30, marked T. 34 N., S. 19, on N. E., R. 49 W., S. 30 on S. E., R. 50 W., S. 25 on S. W. and S. 24 on N. W. faces, with 2 notches on S. and 4 notches on W. 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 of Bunchgrass and
	Timber of Cottonwood

W. B. T. 34 N. R. 49 W. 6th P. M.

Chains.

North on a true line between sections 19 and 24.

Va. 14° 30' East.

Over rolling land.

30.00 Cross Creek, lks. wide, Course N. E.

35.00 Cross Creek, lks. wide, Course S. 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.

74.50 Cross Creek, lks. wide, Course S. E.

80.00 Set a post 4 ft. long, 4 ins. square,
12 ins. in the ground, for Cor. to Secs. 13, 15, 19 & 24, marked T. 34 N., S. 15 on N. E., R. 49 W., S. 19 on S. E., R. 50 W., S. 24 on S. W and S. 13 on N. W. faces, 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 around post.

Land rolling.

Soil 30% rate

Vegetation of Bunchgrass.

W. B. T. 34 N. R. 49 W. 6th P. M.

Chains.

North on a true line between sections 13 and 18.

Va. 14° 30' 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. 7, 12, 13 & 18, marked T. 34 N., S. 7 on N. E., R. 49 W., S. 18 on S. E., R. 50 W., S. 13 on S. W. and S. 12 on N. W. faces, 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 around post.

Land rolling.

Soil 30% rate

Vegetation of Bunchgrass.

W. B. T. 34 N. R. 49 W. 6th P. M.

Chains.	
	North on a true line between sections 7 and 12, Va. 14° 30' 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. 1, 6, 7 and 12, marked T. 34 N., S. 6 on N. E., R. 49 W., S. 7 on S. E., R. 50 W. S. 12 on S. W. and S. 1 on N. W. face, with 5 notches on S. and 1 notch on N. 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 of Bunchgrass.

W. B. T. 34 N. R. 49 W. 6th P. M.

Chains.	
	North on a true line between sections 1 and 6, Va. 14° 30' 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.
69.50	Cross Creek, Aks. wide, Course S. E.
80.00	Set a post, 4½ ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Tps. 34 and 35 N., R's 49 and 50 W. marked T. 35 N., S. 31 on N. E., R. 49 W. S. 6 on S. E., T. 34 N., S. 1 on S. W. and R. 50 W. S. 36 on N. W. faces, with 6 nothes on each edge, dug pits 24 x 18 x 12 ins., lengthwise on each line, N. S. E. and W. of post, 6 ft. dist. and raised a mound of earth 2½ ft. high, 5 ft. base around post. Land rolling. Soil 3rd rate Vegetation of Bunchgrass. March 7th 1882.

N. B. T. 34 N. R. 49 W. 6th P. M.

Chains.

Before proceeding further with the exteriors of 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.

I took the latitude and found it to be 42° 57′ North

Thence

From the Cor. to Tps. 34 & 35 N., Rs. 49 & 50 W., I run East. on a random line on N. B. of Tp.

Va. 14° 30′ East.

I set temporary corners at every half mile, and at 6 miles 3.30 chs. I arrive at a point 40 lks. South of Cor. to Tps, 34 & 35 N., Rs. 48 & 49 W. from which corner I run S. 89° 57′ W. on a true line between sections 1 & 36,

Va. 14° 35′ 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 N. face, dug pits, 18 x 18 x 12 ins., N. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

N. B. T. 34 N. R. 49 W. 6th P. M.

Chains.

80.00 Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 1, 2, 35 & 36, marked T. 35 N., S. 36 on N. E., R. 49 W., S. 1 on S. E., T. 34 N., S. 2 on S. W. and S. 35 on N. W. face, with 5 notch es on W 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 of Bunchgrass.

N. B. T. 34 N. R. 49 W. 6th P. M.

Chains.	
	S. 89° 57' W. on a true line between sections 2 and 35.
	Va. 14° 35' 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 N. face, dug pits, 18 x 18 x 12 ins., N. 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. 2, 3, 34 & 35, marked T. 35 N., S. 35, on N. E., R. 49 W., S. 2 on S. E., T. 34 N., S. 3 on S. W and S. 34 on N. W. faces with 4 notches on W 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 rolling.
	Soil 3rd rate
	Vegetation of Bunchgrass.

N. B. T. 34 N. R. 49 W. 6th P. M.

Chains.	
	S. 89° 57' W. on a true line between sections 3 and 34.
	Va. 14° 45' 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 N. face, dug pits, 18 x 18 x 12 ins., N. 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. 3, 4, 33 & 34, marked T. 35 N., S. 34, on N. E., R. 49 W., S. 3 on S. E., T. 34 N., S. 4 on S. W. and S. 33 on N. W. faces, with 3 notches on W 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 rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass.

N. B. T. 34 N. R. 49 W. 6th P. M.

Chains.		
	S. 89° 57' W. on a true line between sections 4 and 33,	
	Va. 14° 45'	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	
	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.	
61.00	Cross Creek, 1ks. wide, Course S. E.	
80.00	Set a post 4 ft. long, 4 ins. square,	
	12 ins. in the ground, for Cor. to Secs. 4, 5, 32 & 33,	
	marked T. 35 N., S. 33, on N. E., R. 49 W., S. 4	
	on S. E. T. 34 N. S. 5 on S. W. and S. 32 on N. W. faces,	
	with 2 notches on W. 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 of Bunchgrass.	

N. B. T. 34 N. R. 49 W. 6th P. M.

Chains.		
	S. 89° 57' W. on a true line between sections 5 and 32.	
	Va. 14° 45'	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	
	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.	
80.00	Set a post 4 ft. long, 4 ins. square,	
	12 ins. in the ground, for Cor. to Secs. 5, 6, 31 & 32,	
	marked T. 35 N., S. 32, on N. E., R. 49 W., S. 5	
	on S. E. T. 34 N. S. 6 on S. W. and S. 31 on N. W. faces,	
	with 1 notch on 31 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 of Bunchgrass.	

N. B. T. 34 N. R. 49 W. 6th P. M.

Chains.		
	S. 89° 57' W. on a true line between sections 6 and 31. Va. 14° 50' East.	
	Over rolling land.	
22.00	Cross Creek, lks. wide, Course S. E.	
40.00	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.	
83.30	The Cor. to Tps. 34 & 35 N. Rs. 49 & 50 W.	
	Land rolling.	
	Soil 3rd rate	
	Vegetation of Bunchgrass.	

W. B. T. 35 N. R. 49 W. 6th P. M.

Chains.		
	North on a true line between sections 31 and 36. Va. 14° 30' 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. 25, 30, 31 & 36, marked T. 35 N., S. 30 on N. E., R. 49 W., S. 31 on S. E., R. 50 W., S. 36 on S. W. and S. 25 on N. W. faces, with 1 notch on S. and 5 notches on N. 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 of Bunchgrass.	

W. B. T. 35 N. R. 49 W. 6th P. M.

Chains.

North on a true line between sections 25 and 30.

Va. 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.

60.50 Cross Creek, ~~½~~ ½ wide, Course S. E.

80.00 Set a post 4 ft. long, 4 ins. square,
12 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 30, marked T. 35 N., S. 19 on N. E., R. 49 W., S. 30 on S. E., S. 25 on S. W. and S. 24 on N. W. faces, with 2 notches on S. and 4 notches on N. 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 poor rate

Vegetation Bunchgrass.

W. B. T. 35 N. R. 49 W. 6th P. M.

Chains.

North on a true line between sections 19 and 24.

Va. 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.

72.00 Intersect Boundary line between Nebraska and Dakota at a point which bears 3.78 chs. East from the 178th Mile post, which I find in poor condition, the post down and mound and pits nearly obliterated. Inset post and rebuild mound and

Set a post 4½ ft. long, 4 ins square, 12 ins. in the ground, for Closing Cor. to Tps. 35, R's 49 and 50 W. marked C. C. T. 35 N., on S., R. 49 W. S. ~~24~~, on S. E. and R. 50 W. S. 19, on S. W. faces with 6 notches on S., E. & W. faces, dug pits, 24 x 18 x 12 ins. crosswise on each line, S., E. & W. of post, 6 ft. dist. and raised a mound of earth 2½ ft. high 5 ft. base, around post.

W. B. T. 35 N. R. 49 W. 6th P. M.

Chains.

Land rolling.
Soil 3rd rate.
Vegetation of Bunchgrass.

March 8th 1882.

W. B. T. 33 N. R. 50 W. 6th P. M.

Chains.

Before proceeding ~~farther~~ with the exteriors of this Tp., I made a change of 10 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Standard Cor. to Tps. 33 N. Rs. 50 & 51 W., I run,

North on a true line between sections 31 and 36.

Va. 15°45' 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. 25, 30, 31 & 36, marked T. 33 N., R. 50 W., S. 30, on N. E., R. 51 W., S. 31 on S. E., S. 36 on S. W. and S. 25 on N. W. faces, with 1 notch on S. and 5 notches on W. 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.

W. B. T. 33 N. R. 50 W. 6th P. M.

Chains.

Land rolling.
Soil 2nd rate
Vegetation of Bunchgrass.

North on a true line between sections 25 and 30.
Va. 15° 45' 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.

41.80 Perpendicular Bank, trees E. and W.

42.00 Cross Creek, Cottonwood ~~Ins.~~ wide, Course E.

77.50 Cross Creek, ~~Ins.~~ wide, Course S. E.

80.00 Set a post 4 ft. long, 4 ins. square,
12 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 30, marked T. 33 N., S. 19 on N. E., R. 50 W., S. 30 on S. E., R. 51 W., S. 25 on S. W and S. 24 on N. W. faces, with 2 notches on S. and 4 notches on W. 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.

W. B. T. 33 N. R. 50 W. 6th P. M.

Chains.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

North on a true line between sections 19 and 24.
Va. 15° 45' 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. 13, 18, 19 & 24, marked T. 33 N., S. 18 on N. E., R. 50 W., S. 19 on S. E., R. 51 W., S. 24 on S. W and S. 13 on N. W. faces, with 3 notches on S. and 3 notches on W. 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 of Bunchgrass.

W. B. T. 33 N. R. 50 W. 6th P. M.

Chains.	
	North on a true line between sections 13 and 18.
	Va. 15° 45' 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. 7, 12, 13 & 18, marked T. 33 N., R. 50 W., S. 7, on N. E., R. 50 W., S. 18 on S. E., S. 13 on S. W. and S. 12 on N. W. faces, with 4 notches on S. and 2 notches on W. 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 of Bunchgrass.

W. B. T. 33 N. R. 50 W. 6th P. M.

Chains.	
	North on a true line between sections 7 and 12.
	Va. 15° 45' 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. 1, 6, 7 and 12, marked T. 33 N., R. 50 W., S. 6, on N. E., R. 50 W., S. 7 on S. E., S. 12 on S. W. and S. 1 on N. W. faces, with 5 notches on S. and 1 notch on W. 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 of Bunchgrass.

W. B. T. 33 N. R. 50 W. 6th P. M.

Chains.

North on a true line between sections 1 and 6,
Va. 15° 45' 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, 4½ ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Tps. 33 and 34 N, R's 50 and 51 W. marked T. 34 N, S, 31 on N. E. R. 50 W S. 6 on S. E. T. 33 N. S. 1 on S. W. and R. 51 W. S. 36 on N. W. faces, with 6 nothes on each edge, dug pits 24 x 18 x 12 ins., lengthwise on each line, N. S. E. and W. of post, 6 ft. dist. and raised a mound of earth 2½ ft. high, 5 ft. base around post.

Land rolling.
Soil 3rd rate
Vegetation of Timber.

March 10th 1882.

N. B. T. 33 N. R. 50 W. 6th P. M.

Chains.

Before proceeding further with the exteriors of 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.

From the Cor. to Tps. 33 & 34 N, Rs. 50 . & 51 W.
I run East. on a random line on N. B. of Tp.
Va. 15° 45' East.

I set temporary corners at every half mile, and at 6 miles 2.36 chs. I arrive at a point 155 lks. North of Cor. to Tps, 33 & 34 N, Rs. 49 & 50 W. from which corner I run N. 89° 49' W. on a true line between sections 1 & 36,
Va. 14° 30' 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 N. face, dug pits, 18 x 18 x 12 ins., A. 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. 1, 2, 35 & 36,

N. B. T. 33 N. R. 50 W. 6th P. M.

Chains.

marked T. 34 N. S. 36, on N. E., R 50 W, S. 1
on S. E., T. 33 N. S. 2 on S. W. and S. 35 on N. W. faces,
with 5 notches on W. 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 of Bunchgrass.

N. 89° 49' W. on a true line between sections 2 and 35.
Va. 15° 45' 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
N. face, dug pits, 18 x 18 x 12 ins., N. 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. 2, 3, 34 & 35,
marked T. 34 N, S. 35, on N. E., R 50 W, S. 2

N. B. T. 33 N. R. 50 W. 6th P. M.

Chains.

on S. E., T. 33 N. S. 3 on S. W and S. 34 on N. W. faces,
with 4 notches on W. 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 rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

N. 89° 49' W. on a true line between sections 3 and 34,
Va. 15° 45' 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
N. face, dug pits, 18 x 18 x 12 ins., N. 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. 3, 4, 33 & 34,
marked T. 34 N, S. 34, on N. E., R 50 W, S. 3
on S. E., T. 33 N. S. 4 on S. W. and S. 33 on N. W. faces,
with 3 notches on W. 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.

N. B. T. 33 N. R. 50 W. 6th P. M.

Chains.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

N. 89° 49' W. on a true line between sections 4 and 33.
Va. 15° 45' E

Over rolling land.

30.00 Cross Ravine, Course. N. 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 N. face, dug pits, 18 x 18 x 12 ins., N. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

54.00 Cross Ravine, Course. N. W.

80.00 Set a post 4 ft. long, 4 ins. square,
12 ins. in the ground, for Cor. to Secs. 4, 5, 32 & 33, marked T. 34 N., S. 33, on N. E., R. 50 W., S. 4 on S. E., R. 50 W., S. 5 on S. W and S. 32 on N. W. face, with 2 notches on W. 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.

N. B. T. 33 N. R. 51 W. 6th P. M.

Chains.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

N. 89° 49' W. on a true line between sections 5 and 32.
Va. 15° 45' East.

Over rolling land.

13.00 Cross Ravine, Course. N.

36.00 Cross Road, bears, S. E. and N. 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 N. face, dug pits, 18 x 18 x 12 ins., N. 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. 5, 6, 31 & 32, marked T. 34 N., S. 32, on N. E., R. 51 W., S. 5 on S. E., R. 50 W., S. 6 on S. W. and S. 31 on N. W. face, with 1 notch on W. 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.

N. B. T. ~~34~~ 33 N. R. 50 W. 6th P. M.

Chains.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

N. 89° 49' W. on a true line between sections 6 and 31,
Va. 15° 45' 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 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.

82, 36 The Cor. to Tps. 33 & 34 N. Rs. 50 & 51 W.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

W. B. T. 34 N. R. 50 W. 6th P. M.

Chains.

North on a true line between sections 31 and 36,
Va. 15° 45' 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.

77.50 Cross Creek, 40 lks. wide, Course E.

80.00 Set a post 4 ft. long, 4 ins. square,
12 ins. in the ground, for Cor. to Secs. 25, 30, 31 & 36, marked T. 34 N. S. 30 on N. E., R. 50 W., S. 31 on S. E., R. 51 W., S. 36 on S. W and S. 25 on N. W. faces, with 1 notch on S. and 5 notches on N. 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 of Bunchgrass.

W. B. T. 34 N. R. 50 W. 6th P. M.

Chains.	
	North on a true line between sections 25 and 30.
	Va. 15°45' 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. 17, 24, 25 & 30, marked T. 34 N., R. 50 W., S. 17, on N. E., R. 50 W., S. 30 on S. E., R. 50 W., S. 25 on S. W. and S. 24 on N. W. faces, with 2 notches on S. and 4 notches on W. 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 of Bunchgrass.

W. B. T. 34 N. R. 50 W. 6th P. M.

Chains.	
	North on a true line between sections 19 and 24.
	Va. 15°45' 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.
44.50	Cross Ravine, Course. S. E.
80.00	Set a post 4 ft. long, 4 ins. square,
	12 ins. in the ground, for Cor. to Secs. 13, 18, 19 & 24, marked T. 34 N., R. 50 W., S. 18, on N. E., R. 50 W., S. 19 on S. E., R. 51 W., S. 24 on S. W and S. 13 on N. W. faces, with 3 notches on S. and 3 notches on W. 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 of Bunchgrass.

W. B. T. 34 N. R. 50 W. 6th P. M.

Chains.

North on a true line between sections 13 and 18.

Va. 15° 45' 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.

63.00 Cross Ravine, Course. S. E.

79.90 Cross Creek, lks. wide, Course S. E.

80.00 Set a post 4 ft. long, 4 ins. square,
12 ins. in the ground, for Cor. to Secs. 7, 12, 13 & 18, marked T. 34 N., R. 50 W., S. 7, on N. E., R. 51 W., S. 18 on S. E., S. 13 on S. W and S. 12 on N. W. faces, with 4 notches on S. and 2 notches on W. 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 of Bunchgrass.

W. B. T. 34 N. R. 50 W. 6th P. M.

Chains.

North on a true line between sections 7 and 12,

Va. 15° 45' East

Over rolling land.

5.00 Cross Creek, lks. wide, Course S. W.

11.00 Cross Creek, lks. wide, Course S. E.

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. 1, 6, 7 & 12, marked T. 34 N., R. 51 W., S. 6, on N. E., R. 51 W., S. 7 on S. E., S. 12 on S. W and S. 1 on N. W. faces, with 5 notches on S. and 1 notch on W. 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 of Bunchgrass.

W. B. T. 34 N. R. 50 W. 6th P. M.

Chains.

North on a true line between sections 1 and 6.

Va. 15° 45' 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.

50.00 Set a post, 4½ ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Tps. 34 and 35 N, R's 50 and 51 W. marked T. 35 N, S, 31 on N. E. R. 50 W, S. 6 on S. E. T. 34 N. S. 1 on S. W. and R. 51 W. S. 36 on N. W. faces, with 6 nothes on each edge, dug pits 24 x 18 x 12 ins., lengthwise on each line, N. S. E. and W. of post, 6 ft. dist. and raised a mound of earth 2½ ft. high, 5 ft. base around post.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

March 11th 1882.

N. B. T. 34 N. R. 50 W. 6th P. M.

Chains.

Before proceeding further with the exteriors of 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.

From the Cor. to Tps. 34 & 35 N, Rs. 50 & 51 W.

I run East. on a random line on N. B. of Tp.

Va. 15° 45' East.

I set temporary corners at every half mile, and at 5 miles 79.30 chs. I arrive at a point 153 lks. North of Cor. to Tps, 34 & 35 N, Rs. 49 & 50 W. from which corner I run N. 89° 49' W. on a true line between sections 1 & 36.

Va. 14° 30' East.

Over rolling land.

5.00 Cross Creek, lks. wide, Course S. E.

34.00 Cross Ravine, Course. S. E.

40.00 Set a Stone . . . . ins., 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.

N. B. T. 34 N. R. 50 W. 6th P. M.

Chains.

44.00 Cross Creek, 1 lks. wide, Course S. E.

80.00 Set a post 4 ft. long, 4 ins. square,
12 ins. in the ground, for Cor. to Secs. 1, 2, 35 & 36,
marked T. 35 N, S. 36, on N. E., R. 50 W, S. 1
T. 34 N.
on S. E. S. 2 on S. W and S. 35 on N. W. faces,
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
around post.
Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

N. 89° 44' W. on a true line between sections 2 and 35.
Va. 15° 45' 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
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.

54.00 Top of rolling divide, bears N. E. and
N. W. and descend.

N. B. T. 34 N. R. 50 W. 6th P. M.

Chains.

80.00 Set a post 4 ft. long, 4 ins. square,
12 ins. in the ground, for Cor. to Secs. 2, 3, 34 & 35,
marked T. 35 N, S. 35, on N. E., R. 50 W, S. 2
T. 34 N.
on S. E. S. 3 on S. W and S. 34 on N. W. faces,
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
around post.
Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

N. 89° 49' W. on a true line between sections 3 and 34.
Va. 15° 45' East.

Over rolling land.

37.00 Foot of Divide.

40.00 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.

63.00 Cross Creek, 1 lks. wide, Course S. E.

N. B. T. 34 N. R. 50 W. 6th P. M.

Chains.

80.00 Set a post 4 ft. long, 4 ins. square,
12 ins. in the ground, for Cor. to Secs. 3, 4, 33 & 34,
marked T. 35 N, S. 34, on N. E., R. 50 W, S. 3
on S. E., T. 34 N. S. 4 on S. W. and S. 33 on N. W. face,
with 3 notches on N. 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 rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

N. 89° 49' W. on a true line between sections 4 and 33,
Va. 15° 45' 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
N. face, dug pits, 18 x 18 x 12 ins., N. and D. 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. 4, 5, 32 & 33,
marked T. 35 N, S. 33, on N. E., R. 50 W, S. 4

N. B. T. 34 N. R. 50 W. 6th P. M.

Chains.

on S. E., T. 34 N. S. 5 on S. W and S. 32 on N. W. face,
with 2 notches on N. 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 of Bunchgrass.

N. 89° 49' W. on a true line between sections 5 and 32.
Va. 15° 45' 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
N. face, dug pits, 18 x 18 x 12 ins., N. and D. of
post 5½ ft. dist., and raised a mound of earth 1½ ft.
high, 3½ ft. base around post.

42.00 Cross Ravine, Course. S. E.

80.00 Set a post 4 ft. long, 4 ins. square,
12 ins. in the ground, for Cor. to Secs. 5, 6, 31 & 32,
marked T. 35 N, S. 32, on N. E., R. 50 W, S. 5
on S. E., T. 34 N. S. 6 on S. W and S. 31 on N. W. face,
with 1 notch on N. and 5 notches on E. edges;

N. B. T. 34 N. R. 50 W. 6th P. M.

Chains.	
	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 of Bunchgrass.
	N. 89° 44' W. on a true line between sections 6 and 31
	Va. 15° 45' East.
	Over rolling land.
38.00	Cross Creek, 1 lks. wide, Course S. E.
40.00	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., W. and E. of post 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
79.30	The Cor. to Tps. 34 & 35 N. Rs. 50 & 51 W.
	Land rolling.
	Soil 3rd rate
	Vegetation of Bunchgrass.

N. B. T. 35 N. R. 50 W. 6th P. M.

Chains.	
	North on a true line between sections 31 and 36.
	Va. 15° 45' East.
	Over rolling land.
36.00	Cross Creek, 1 lks. wide, Course E.
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.
55.00	Cross Ravine, Course. S. E.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 25, 30, 31 & 36, marked T. 35 N., R. 50 W., S. 30, on N. E., R. 51 W., S. 31 on S. E., S. 36 on S. W. and S. 25 on N. W. faces, with 1 notch on S. and 5 notches on W. 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 of Bunchgrass.

W. B. T. 35 N. R. 50 W. 6th P. M.

Chains.	
	North on a true line between sections 35 and 30.
	Va. 15° 45' 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. 19, 24, 25 & 30, marked T. 35 N., S. 19, on N. E., R 50 W., S. 30 on S. E., S. 25 on S. W. and S. 24 on N. W. face, with 2 notches on S. and 4 notches on W. 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 of Bunchgrass.

W. B. T. 35 N. R. 50 W. 6th P. M.

Chains.	
	North on a true line between sections 19 and 24.
	Va. 15° 45' 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.
70.00	Intersect Boundary line between Nebraska. and Dakota. at a point which bears 15 ch. E. from the 154th Mile post, and which I find in poor condition, the post down and mound and pits nearly obliterated I reset post, erected mound and
	Set a post 4½ ft. long, 4 ins square, 12 ins. in the ground, for Closing Cor. to Tps. 35 N., R's 50 and 51 W. marked C. C. T. 35 N. on S., R. 50 W., S. 6, on S. E. and R. 51 W. S. 1, on S. W. faces with 6 notches on S., E. & W. faces, dug pits, 24 x 18 x 12 ins. crosswise on each line, S., E. & W. of post, 6 ft. dist. and raised a mound of earth 2½ ft. high 5 ft. base, around post.

W. B. T. 35 N. R. 60 W. 6th P. M.

Chains.

Land rolling.

Soil 3rd *rate*

Vegetation of Bunchgrass.

March 13th 1882.

W. B. T. 33 N. R. 51 W. 6th P. M.

Chains.

Before proceeding ~~further~~ with the exteriors of this T
I made a change of 11 *minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.*

From the Standard Cor. to Tps. 33 *N. Rs.* 51 *&* 52 *W.*

I run,

North on a true line between sections 31 *and* 36,
Va. 15°45' *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* Sand *stone* 24 x 10 x 6 *ins.* 18 *ins. in the ground for Cor. to Secs.* 25, 30, 31 & 36, *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 of Bunchgrass.

W. B. T. 33 N. R. 51 W. 6th P. M.

Chains.	
	North on a true line between sections 25 and 30. Va. 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 14 x 10 x 3 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 Sand stone 24 x 16 x 4 ins. 15 ins. in the ground for Cor. to Secs. 19, 24, 25 & 30, marked with 2 notches on S. and 4 notches on W. 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 of Bunchgrass.

W. B. T. 33 N. R. 51 W. 6th P. M.

Chains.	
	North on a true line between sections 19 and 24. Va. 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 14 x 12 x 3 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 Sand stone 24 x 14 x 6 ins. 15 ins. in the ground for Cor. to Secs. 13, 18, 19 and 24, marked with 3 notches on S. and 3 notches on W. 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 of Bunchgrass.

W. B. T. 33 N. R. 51 W. 6th P. M.

Chains.	
	North on a true line between sections 13 and 18.
	Va. 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 16 x 14 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.
40.20	Cross Creek, 40 lks. wide, Course E. (Big Cottonwood)
80.00	Set a Sand stone 16 x 14 x 11 ins. 11 ins. in the ground for Cor. to Secs. 7, 12, 13 and 18 marked with 4 notches on S. and 2 notches on W. 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 of Bunchgrass.

W. B. T. 33 N. R. 51 W. 6th P. M.

Chains.	
	North on a true line between sections 7 and 12,
	Va. 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 14 x 10 x 3 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 Sand stone 15 x 14 x 4 ins. 12 ins. in the ground for Cor. to Secs. 1, 6, 7 and 12, marked with 5 notches on S. and 1 notch on W. 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 of Bunchgrass.

N. B. T. 33 N. R. 51 W. 6th P. M.

Chains.

North on a true line between sections 1 and 6.

Va. 15° 45' East.

Over rolling land.

140.00 Set a Sand stone 16 x 10 x 3 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 30 x 20 x 6 ins. 22 ins. in the ground, for Cor. to Tps. 33 and 34 N R's 51 and 52 W., marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth 2½ ft. high, 5 ft. base.

Land rolling.

Soil 3rd rate

Vegetation of Bunchgrass.

March 14th 1882.

N. B. T. 33 N. R. 51 W. 6th P. M.

Chains.

Before proceeding further with the exteriors of 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.

From the Cor. to Tps. 33 & 34 N., Rs. 51. & 52 W., I run East. on a random line on N. B. of Tp.

Va. 15° 45' East.

I set temporary corners at every half mile, and at 5 miles 79.40 chs. I arrive at a point 208 lks. North of Cor. to Tps, 33 & 34 N., Rs. 50 & 51 W. from which corner I run N. 89° 45' W. on a true line between sections 1 & 36.

Va. 15° 45' East.

Over rolling land.

140.00 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.

80.00 Set a Sand stone 20 x 10 x 6 ins. 15 ins. in the ground for Cor. to Secs. 1, 2, 35 and 36, marked with 5 notches on S. and 1 notch on E. edges, dug pits

N. B. T. 33 N. R. 51 W. 6th P. M.

Chains.

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 of Bunchgrass.

N. 89° 45' W. on a true line between sections 2 and 35.

Va. 15° 45' East.

Over rolling land.

40.50 Set a Sand stone 14 x 10 x 3 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.

80.00 Set a Sand stone 20 x 14 x 3 ins. 15 ins. in the ground for Cor. to Secs. 2, 3, 34 and 35 marked with 4 notches on W. 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 of Bunchgrass.

N. B. T. 33 N. R. 51 W. 6th P. M.

Chains.

N. 89° 45' W. on a true line between sections 3 and 34.

Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 12 x 10 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., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a Sand stone 16 x 14 x 3 ins. 11 ins. in the ground for Cor. to Secs. 3, 4, 33 and 34, marked with 3 notches on W. 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 of Bunchgrass.

N. B. T. 33 N. R. 51 W. 6th P. M.

Chains.

N. 89° 45' W. on a true line between sections 4 and 33.

Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 12 x 12 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.

80.00 Set a Sand stone 16 x 10 x 4 ins. 11 ins. in the ground for Cor. to Secs. 4, 5, 32 & 33, marked with 2 notches on W. 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 of Bunchgrass.

N. B. T. 33 N. R. 51 W. 6th P. M.

Chains.

N. 89° 45' W. on a true line between sections 5 and 32.

Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 12 x 10 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.

80.00 Set a Sand stone 14 x 12 x 4 ins. 7 ins. in the ground for Cor. to Secs. 5, 6, 31 and 32, marked with 1 notch on W. 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 of Bunchgrass.

N. B. T. 33 N. R. 51 W. 6th P. M.

Chains.

N. 89° 45' W. on a true line between sections 6 and 31

Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 14 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.

79.40 The Cor. to Tps. 33 & 34 N. Rs. 51 & 52 W.

Land rolling.

Soil 3rd rate

Vegetation of Bunch grass.

N. B. T. 34 N. R. 51 W. 6th P. M.

Chains.

North on a true line between sections 31 and 36.

Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 14 x 12 x 3 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 Sand stone 20 x 12 x 4 ins. 15 ins. in the ground for Cor. to Secs. 25, 30, 31 and 36, marked with 1 notch on S. and 5 notches on W. 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 of Bunch grass.

W. B. T. 34 N. R. 51 W. 6th P. M.

Chains.

North on a true line between sections 25 and 30.

Va. 15° 45' East.

Over rolling land.

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.

80.00 Set a Sand stone 20 x 12 x 4 ins. 15 ins. in the ground for Cor. to Secs. 19, 24, 25 and 30 marked with 2 notches on S. and 4 notches on N. 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 of Bunchgrass.

W. B. T. 34 N. R. 51 W. 6th P. M.

Chains.

North on a true line between sections 19 and 24.

Va. 15° 45' East.

Over rolling land.

15.00 Cross Ravine, Course. N. E.

33.00 Cross Ravine, Course. N. W.

40.00 Set a Sand stone 14 x 12 x 3 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.

55.00 Cross Ravine, Course. N. E.

80.00 Set a Sand stone 30 x 14 x 8 ins. 22 ins. in the ground for Cor. to Secs. 13, 18, 19 and 24, marked with 3 notches on S. and 3 notches on N. 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 of Bunchgrass.

W. B. T. 34 N. R. 51 W. 6th P. M.

Chains.

North on a true line between sections 13 and 18.

Va. 15° 45' East.

Over rolling land.

14.00 Cross Ravine, Course. S. E.

21.00 Cross Ravine, Course. N. 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.

80.00 Set a Sand stone 20 x 10 x 4 ins. 15 ins. in the ground for Cor. to Secs. 7, 12, 13 and 18 marked with 4 notches on S. and 2 notches on W. 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 of Bunchgrass.

W. B. T. 34 N. R. 51 W. 6th P. M.

Chains.

North on a true line between sections 7 and 12.

Va. 15° 45' East.

Over rolling land.

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.

80.00 Set a Sand stone 18 x 14 x 8 ins. 12 ins. in the ground for Cor. to Secs. 1, 6, 7 and 12, marked with 5 notches on S. and 1 notch on W. 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 of Bunchgrass.

W. B. T. 34 N. R. 51 W. 6th P. M.

Chains.

North on a true line between sections 1 and 6.

Va. 15° 45' East.

Over rolling land.

140.00 Set a Sand stone 16 x 14 x 4 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 32 x 20 x 6 ins. 24 ins. in the ground, for Cor. to Tps. 34 and 35 N. R's 51 and 52 W., marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth 2½ ft. high, 5 ft. base.

Land rolling.

Soil 3rd rate

Vegetation of Bunchgrass.

March 15th 1882.

N. B. T. 34 N. R. 51 W. 6th P. M.

Chains.

Before proceeding further with the exteriors of 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.

From the Cor. to Tps. 34 & 35 N., Rs. 51. & 52 W. I run East. on a random line on N. B. of Tp.

Va. 15° 45' East.

I set temporary corners at every half mile, and at 5 miles 77.40 chs. I arrive at a point 139 lks. North of Cor. to Tps. 34 & 35 N., Rs. 50 & 51 W. from which corner I run N. 89° 55' W. on a true line between sections 1 & 36.

Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 12 x 10 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.

80.00 Set a Sand stone 14 x 10 x 5 ins. 9 ins. in the ground for Cor. to Secs. 1, 2, 35 and 36, marked with 5 notches on W. and 1 notch on E. edges, dug pits

Chains.	
	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 of Bunchgrass.
	N. 89° 50' W. on a true line between sections 2 and 35.
	Va. 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 12 x 10 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.
42.00	Cross Creek, ~~Its. wide~~, Course S. E.
80.00	Set a Sand stone 12 x 10 x 10 ins. 8 ins. in the ground for Cor. to Secs. 2, 3, 34 and 35, marked with 4 notches on W. 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 of Bunchgrass.

Chains.	
	N. 89° 50' W. on a true line between sections 3 and 34.
	Va. 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 26 x 10 x 3 ins., 19 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.
58.00	Head of Creek, Course S. E.
80.00	Set a Sand stone 12 x 10 x 10 ins. 8 ins. in the ground for Cor. to Secs. 3, 4, 33 and 34, marked with 3 notches on W. 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 of Bunchgrass.

N. B. T. 34 N. R. 51 W. 6th P. M.

Chains.	
	N. 89° 50' W. on a true line between sections 4 and 33.
	Va. 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 24 x 10 x 3 ins., 18 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and D. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 24 x 12 x 6 ins. 18 ins. in the ground for Cor. to Secs. 4, 5, 32 and 33 marked with 2 notches on W. 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 of Bunchgrass.

N. B. T. 34 N. R. 51 W. 6th P. M.

Chains.	
	N. 89° 50" W. on a true line between sections 5 and 32.
	Va. 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 10 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.
80.00	Set a Sand stone 14 x 14 x 6 ins. 9 ins. in the ground for Cor. to Secs. 5, 6, 31 and 32 marked with 1 notch on W. 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 of Bunchgrass.

N. B. T. 34 N. R. 51 W. 6th P. M.

Chains.

N. 89° 50' W. on a true line between sections 6 and 31.
Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 12 x 10 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.

77.40 The Cor. to Tps. 34 & 35 N. Rs. 51 & 52 W.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

N. B. T. 35 N. R. 51 W. 6th P. M.

Chains.

North on a true line between sections 31 and 36.
Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 14 x 10 x 8 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 Sand stone 30 x 16 x 6 ins. 22 ins. in the ground for Cor. to Secs. 25, 30, 31 and 36, 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 of Bunchgrass.

W. B. T. 35 N. R. 51 W. 6th P. M.

Chains.

North on a true line between sections 25 and 30,

Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 14 x 14 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.

80.00 Set a Sand stone 20 x 12 x 4 ins. 15 ins. in the ground for Cor. to Secs. 17, 24, 25 and 30, 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 rolling.

Soil 3rd rate

Vegetation of Bunchgrass,

W. B. T. 35 N. R. 51 W. 6th P. M.

Chains.

North on a true line between sections 17 and 24,

Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 16 x 10 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.

63.45 Intersect Boundary line between **Nebraska.** and **Dakota.** at a point which bears 1.30 chs. E. from the 170th Mile post, which I find in poor condition, Being unable to find the original post, and the mound and pits being nearly obliterated, I set a post, 6 ft ~~[illegible]~~ Corner, properly marked, and rebuilt mound

Set a Sand stone 20 x 16 x 6 ins. 15 ins. in the ground, for Closing cor. to Tps. 35 N., R's 51 and 52 W., marked C. C.. with 6 notches on N., E. & W. edges, dug pits 24 x 18 x 12 ins. crosswise on each line, N., E. & W. of stone 6 ft. dist. and rdised a mound of earth, 2½ ft. high, 5 ft. base.

N. B. T. 35 N. R. 51 W. 6th P. M.

Chains.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

March 16th 1882.

N. B. T. 33 N. R. 52 W. 6th P. M.

Chains.

Before proceeding ~~further~~ with the exteriors of this Tp., I made a change of 10 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Standard Cor. to Tps. 33 N. Rs. 52 & 53 W.,
I run,

North on a true line between sections 31 and 36.
Va. 15°45' East.

Over broken land.

40.00 Set a Sand stone 14 x 12 x 3 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 Sand stone 32 x 10 x 8 ins. 24 ins. in the ground for Cor. to Secs. 25, 36, 31 and 36, marked with / notch on S. and 5 notch on N. 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 Broken.
Soil 3rd rate
Vegetation of Bunchgrass.

W. B. T. 33 N. R. 52 W. 6th P. M.

Chains.	
	North on a true line between sections 25 and 30
	Va. 15° 45' East.
	Over broken land.
18.50	Cross Little Cottonwood Creek, ~~Its wide~~, Course E.
40.00	Set a Sand stone 30 x 12 x 4 ins., 22 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.
45.00	Leave broken land. and Over rolling land. bears E. and W.
80.00	Set a Sand stone x x ins. ins. in the ground for Cor. to Secs. 19, 24, 25 & 30 marked with 2 notches on S. and 4 notches on N 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 broken and rolling.
	Soil 3rd rate
	Vegetation Bunchgrass.

W. B. T. 33 N. R. 52 W. 6th P. M.

Chains.	
	North on a true line between sections 19 and 24,
	Va. 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 15 x 16 x 12 ins., 12 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 x x ins. ins. in the ground for Cor. to Secs. 13, 18, 19 and 24 marked with 3 notches on S. and 3 notches on N 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.

W. B. T. 33 N. R. 52 W. 6th P. M.

Chains.

North on a true line between sections 13 and 18.

Va. 15° 45' 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. 7, 12, 13 & 18, marked T. 33 N., S. 7, on N. E., R. 52 W., S. 18 on S. E., R. 53 W., S. 13 on S. W. and S. 12 on N. W. faces, with 4 notches on S. and 2 notches on W. 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 of Bunchgrass.

W. B. T. 33 N. R. 52 W. 6th P. M.

Chains.

North on a true line between sections 7 and 12.

Va. 15° 45' East.

Over rolling land.

4.00 Cross Ravine, Course. E.

40.00 Set a Sand stone 16 x 16 x 10 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 40 x 30 x 6 ins. 31 ins. in the ground for Cor. to Secs. 1, 6, 7 and 12 marked with 5 notches on S. and 1 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 of Bunchgrass.

N. B. T. 33 N. R. 52 W. 6th P. M.

Chains.

North on a true line between sections 1 and 6.

Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 16 x 14 x 4 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 40 x 20 x 8 ins. 30 ins. in the ground, for Cor. to Tps. 33 and 34 N R's 52 and 53 W., marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth 2½ ft. high, 5 ft. base.

Land rolling.

Soil 3rd rate

Vegetation of Bunchgrass.

March 19th 1882.

N. B. T. 33 N. R. 52 W. 6th P. M.

Chains.

Before proceeding further with the exteriors of 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.

From the Cor. to Tps. 33 & 34 N., Rs. 52. & 53 W., I run East. on a random line on N. B. of Tp. 33.

Va. 15° 45' East.

I set temporary corners at every half mile, and at 6 miles 2.00 chs. I arrive at a point 1.56 lks. South of Cor. to Tps, 33 & 34 N., Rs. 51 & 52 W. from which corner I run N. 89° 49' W. on a true line between sections 1 & 36.

Va. 15° 45' 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 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.

80.00 Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 1, 2, 35 & 36, marked T. 34 N., S. 36 on N. E., R. 52 W., S. 1

N. B. T. 33 N. R. 52 W. 6th P. M.

Chains.

on S. E., T. 33 N., S. 2 on S. W. and S. 35 on N. W. faces, with 5 notches on N. 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 of Bunchgrass.

S. 89° 49' W. on a true line between sections 2 and 35.

Va. 15° 45' 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 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.

80.00 Set a post 4 ft. long, 4 ins. square,

12 ins. in the ground, for Cor. to Secs. 2, 3, 34 & 35, marked T. 34 N., S. 35 on N. E., R. 52 W., S. 2 on S. E., T. 33 N., S. 3 on S. W and S. 34 on N. W. faces, with 4 notches on N. 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.

N. B. T. 33 N. R. 52 W. 6th P. M.

Chains.

Land rolling.

Soil 3rd rate

Vegetation of Bunchgrass.

S. 89° 49' W. on a true line between sections 3 and 34.

Va. 15° 45' 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 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.

80.00 Set a Sand stone 26 x 12 x 6 ins. 18 ins. in the ground for Cor. to Secs. 3, 4, 33 & 34 marked with 3 notches on N. 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 2nd rate

Vegetation of Bunchgrass.

N.B. T. 33 N. R. 52 W. 6th P. M.

Chains.

S. 89° 49' W. on a true line between sections 4 and 33.

Va. 15° 44' East.

Over rolling land.

22.00 Cross Dry Creek, ~~Dec. wide~~, Course S. E.

40.00 Set a Sand stone 18 x 14 x 6 ins., 12 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.

80.00 Set a Sand stone 24 x 8 x 6 ins. 18 ins. in the ground for Cor. to Secs. 4, 5, 32 and 33, marked with 2 notches on W. 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 of Bunchgrass.

N.B. T. 33 N. R. 52 W. 6th P. M.

Chains.

S. 89° 49' W. on a true line between sections 5 and 32.

Va. 15° 44' East.

Over rolling land.

40.00 Set a Sand stone 14 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.

65.50 Cross Road, bears, S. W. and N. E.

80.00 Set a Sand stone 24 x 10 x 6 ins. 15 ins. in the ground for Cor. to Secs. 5, 6, 31 and 32, marked with 1 notch on W. 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 of Bunchgrass.

N. B. T. 33 N. R. 52 W. 6th P. M.

Chains.	
	S. 89° 49' W. on a true line between sections 6 and 31.
	Va. 15° 45' East.
	Over rolling land.
4.00	Cross Stage road from Sidney to Black Hills, bears N. and S.
17.00	Cross Big Cottonwood Creek, ~~Wks. wide~~, Course S. E.
40.00	Set a Sand stone 14 x 12 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 W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
64.00	Cross Road, bears, S. E. and N. W.
82.00	The Cor. to Tps. 33 & 34 N. Rs. 52 & 53 W.
	Land rolling.
	Soil 3rd rate
	Vegetation of Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	March 18th 1882.

W. B. T. 34 N. R. 52 W. 6th P. M.

Chains.	
	North on a true line between sections 31 and 36.
	Va. 15° 45' East.
	Over rolling land.
4.00	Cross Road, bears, S. E. and N. W.
17.00	Cross Cottonwood Creek, ~~Wks. wide~~, Course S. E.
36.00	Cross Ravine, Course. S. E.
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. 25, 30, 31 & 36, marked T. 34 N., S. 30, on N. E., R. 52 W., S. 31 on S. E., R. 53 W., S. 36 on S. W and S. 25 on N. W. faces, with 1 notch on S. and 5 notches on W 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 of Bunchgrass.

W. B. T. 34 N. R. 52 W. 6th P. M.

Chains.	
	North on a true line between sections 25 and 31,
	Va. 15° 45' 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.
73.00	Cross Ravine, Course. N. E.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 30, marked T. 34 N., S. 19, on N. E., R. 52 W., S. 30 on S. E., R. 53 W., S. 25 on S. W and S. 24 on N. W. face, with 2 notches on S. and 4 notches on W. 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 of Bunchgrass.

W. B. T. 34 N. R. 52 W. 6th P. M.

Chains.	
	North on a true line between sections 19 and 24,
	Va. 15° 45' 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. 13, 18, 19 & 24, marked T. 34 N., S. 18, on N. E., R. 52 W., S. 19 on S. E., R. 53 W., S. 24 on S. W. and S. 13 on N. W. face, with 3 notches on S. and 3 notches on W. 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 of Bunchgrass.

W. B. T. 34 N. R. 52 W. 6th P. M.

Chains.	
	North on a true line between sections 13 and 18.
	Va. 15°45' 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.
60.50	Cross Ravine, Course. N. W.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 7, 12, 13 & 18, marked T. 34 N., S. 7, on N. E., R. 52 W., S. 18 on S. E., R. 53 W., S. 13 on S. W and S. 12 on N. W. faces, with 4 notches on S. and 2 notches on N. 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 of Bunchgrass.

W. B. T. 34 N. R. 52 W. 6th P. M.

Chains.	
	North on a true line between sections 7 and 12.
	Va. 15°45' 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.
72.00	Cross Ravine, Course. N. W.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 1, 6, 7 and 12, marked T. 34 N., S. 6, on N. E., R. 52 W., S. 7 on S. E., R. 53 W., S. 12 on S. W. and S. 1 on N. W. faces, with 5 notches on S. and 1 notch on N. 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 of Bunchgrass.

N. B. T. 34 N. R. 52 W. 6th P. M.

Chains.

North on a true line between sections 1 and 6.
Va. 15° 45' 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.

51.00 Enter road to Black Hills, bears S. E. & N. W.

80.00 Set a post, 4½ ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Tps. 34 and 35 N. R's 52 and 53 W. marked T. 35 N. S, 31 on N. E. R. 52 W S. 6 on S. E. T. 34 N. S. 1 on S. W. and R. 53 W S. 36 on N. W. faces, with 6 nothes on each edge, dug pits 24 x 18 x 12 ins., lengthwise on each line, N. S. E. and W. of post, 6 ft. dist. and raised a mound of earth 2½ ft. high, 5 ft. base around post.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.
I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. Mar. 20th 1882.

N. B. T. 34 N. R. 52 W. 6th P. M.

Chains.

Before proceeding further with the exteriors of 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.

From the Cor. to Tps. 34 & 35 N, Rs. 52 & 53 W, I run East. on a random line on N. B. of Tp.
Va. 15° 45' East.

I set temporary corners at every half mile, and at 6 miles 2.20 chs. I arrive at a point 52 lks. South of Cor. to Tps, 34 & 35 Rs. 51 & 52 W. from which corner I run S. 89° 56' W. on a true line between sections 1 & 36,
Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 16 x 10 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.

80.00 Set a Sand stone 20 x 12 x 4 ins. 15 ins. in the ground for Cor. to Secs. 1, 2, 35 and 36, marked with 5 notches on B. and 1 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.

N. B. T. 34 N. R. 52 W. 6th P. M.

Chains.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

S. 89° 56' W. on a true line between sections 2 and 35.
Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 16 x 14 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.

80.00 Set a Sand stone 18 x 14 x 4 ins. 12 ins. in the ground for Cor. to Secs. 2, 3, 34 and 35, marked with 4 notches on W. 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 of Bunchgrass.

N. B. T. 34 N. R. 52 W. 6th P. M.

Chains.

S. 89° 56' W. on a true line between sections 3 and 34.
Va. 15° 45' East.

Over rolling land.

40.00 Set a Sand stone 14 x 14 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.

80.00 Set a Sand stone 20 x 10 x 4 ins. 15 ins. in the ground for Cor. to Secs. 3, 4, 33 and 34, marked with 3 notches on W. 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 of Bunchgrass.

N. B. T. 34 N. R. 52 W. 6th P. M.

Chains.	
	N. 84° 56' W. on a true line between sections 4 and 33.
	Va. 15° 45' East
	Over rolling land.
40.00	Set a Sand stone 14 x 12 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.
80.00	Set a Sand stone 16 x 14 x 4 ins. 11 ins. in the ground for Cor. to Secs. 4, 5, 32 and 33, marked with 2 notches on W. 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 of Bunchgrass.

N. B. T. 34 N. R. 52 W. 6th P. M.

Chains.	
	N. 84° 56' W. on a true line between sections 5 and 32.
	Va. 15° 45' East.
	Over rolling land.
32.00	Descend. W. Slope.
40.00	Set a Sand stone 20 x 10 x 4 ins., 15 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.
69.00	Foot of W. Slope.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 5, 6, 31 & 32, marked T. 35 N., S. 32, on N. E., R. 52 W., S. 5 on S. E. T. 34 N., S. 6 on S. W. and S. 31 on N. W. faces, with 1 notch on W. 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 of Bunchgrass.

N. B. T. 34 N. R. 52 W. 6th P. M.

Chains.		
	N. 89° 58' W. on a true line between sections 6 and 31.	
	Va. 15° 45'	East.
	Over rolling land.	
27.00	Cross Ravine, Course. N.E.	
40.00	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.	
65.50	Cross road from Sidney to Black Hills, Trans N. and S.	
82.20	The Cor. to Tps. 34 & 35 N. Rs. 52 & 53 W.	
	Land rolling.	
	Soil 3rd rate	
	Vegetation of Bunchgrass.	

N. B. T. 35 N. R. 52 W. 6th P. M.

Chains.		
	North on a true line between sections 31 and 36.	
	Va. 15° 45'	East.
	Over rolling land.	
33.00	Cross Stage road from Sidney to Black Hills, Trans S.E. and N.W.	
40.00	Set a Sand stone 16 x 14 x 4 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.	
71.00	Cross stage road from Sidney to Black Hills Trans S.W. and N.E.	
80.00	Set a Sand stone 16 x 10 x 6 ins. 11 ins. in the ground for Cor. to Secs. 25, 30, 31 and 36, marked with 1 notch on S. and 5 notches on W. 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 of Bunchgrass.	

W. B. T. 35 N. R. 52 W. 6th P. M.

Chains.	
	North on a true line between sections 25 and 30.
	Va. 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 14 x 12 x 4 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 Sand stone 20 x 16 x 4 ins. 15 ins. in the ground for Cor. to Secs. 19, 24, 25 and 30 marked with 2 notches on S. and 4 notches on N. 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 of Bunchgrass.

W. B. T. 35 N. R. 52 W. 6th P. M.

Chains.	
	North on a true line between sections 19 and 24.
	Va. 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 16 x 10 x 4 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.
70.45	Intersect Boundary line between Nebraska. and Dakota. at a point which bears 3.50 chs. West from the 196th Mile post, which I find in poor condition, the post being gone, the pits filled in and the mound nearly obliterated. I set a post, 6 ft. long, properly marked, and rebuilt mound.
	Set a Sandstone 24 x 12 x 6 ins. 18 ins. in the ground, for Closing cor. to Tps. 35 N., R's 52 and 53 W., marked C. C. with 6 notches on S., E. & W. edges, dug pits 24 x 18 x 12 ins. crosswise on each line, S., E. & W. of stone 6 ft. dist. and rdised a mound of earth, 2½ ft. high, 5 ft. base.

N.B. T. 35 N. R. 52 W. 6th P. M.

Chains.

Land rolling.

Soil 3rd rate

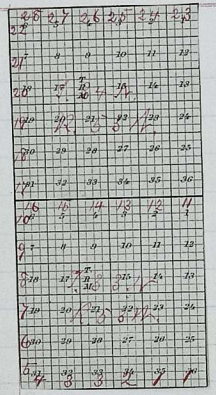
Vegetation of Bunchgrass.

March 21st 1882.

U. S. Surveyor General's Office
Plattsmouth Neb. Nov 6th 1882

The foregoing Field Notes of the Surveys of the Exterior lines of Townships No 33. 34 & 35 North of Ranges No 49. 50. 51 & 52 West of the Principal Base & Meridian in the State of Nebraska, Executed by Frank S. Wood U. S. Deputy Surveyor under his Contract No 5, dated November 14th 1881 in the Month of March 1882 having been critically Examined the necessary Corrections & Explanations made, the said field Notes & the Surveys they describe are hereby approved

Geo. A. Smith
Surveyor General



Before proceeding further with the exteriors of this Tp., I made a change of 10 *minutes in the latitude arc of my solar compass by* Subtracting *same the reading previously given, and at noon verified and corrected same by observation on the sun. I also fur- ther tested instrument by reversing.*

8th **Standard Parallel along.**

S.B. T. 33 N. R. 53 W. 6th P. M.

Chains. *Retracing*

From the Standard Cor. to Tps. 33 *N. Rs.* 52 & 53 *W.*, *which is a mound and pits with post in* E. *pit.*

Sun

West. on a random line on S. *B. of Section* 36

Va. 15° 45' *East.*

40.12 *To a point* 13 *lks.* North *of* ¼ *sec. cor.* which is a mound & pits with post in E. pit.

The return course is therefore N. 89° 49' E.

From the ¼ *Sec. Cor. I continue. West.*

80.13 *To a point* 15 *lks.* North *of cor. to secs.* 35-36, which is a mound & pits with post in E. pit.

The return course is therefore N. 89° 58' E.

West. on a random line on S. *B. of Section* 36

Va. 15° 45' *East.*

40.23 *To a point* 5 *lks.* South *of* ¼ *sec. cor.*, which is a mound & pits, with post in E. pit.

The return course is therefore S. 89° 56' E.

From the ¼ *Sec. Cor. I continue. West.*

S'th Standard Parallel along.

S.B. T.33N. R.53W. 6th P. M.

Chains.	Retracing
80.27	To a point 23 lks. North of cor. to secs. 34-35 which is a mound & pits with stake in E. pit. The return course is therefore N. 89° 36' E.
	West. on a random line on S' B. of Section 34, Va. 15°45' East.
40.29	To a point 12 lks. South of ¼ sec. cor. which is a mound and pits with post in E. pit. The return course is therefore S. 89° 50' E.
	From the ¼ Sec. Cor. I continue. West.
80.35	To a point 3 lks. South of cor. to secs. 33-34 which is a mound & pits with post in E. pit. The return course is therefore N. 89° 57' E.

S'th Standard Parallel along.

S.B. T.33N. R.53W. 6th P. M.

Chains.	Retracing
	West. on a random line on S. B. of Section 33. Va. 15°45' East.
39.81	To a point 7 lks. North of ¼ sec. cor. which is a marked stone in mound & pits with stake in E. pit. The return course is therefore N. 89° 54' E.
	From the ¼ Sec. Cor. I continue. West.
79.89	The corner to sections 32-33 which is a mound & pits with stake in E. pit. The return course is therefore S. 89° 54' E.
	West. on a random line on S. B. of Section 32, Va. 15°45' East.
39.77	To ¼ Sec. Cor. which is a mound & pits, with stake in E. pit.
80.07	To a point 13 lks. South of cor. to secs. 31-32 which is a marked stone in mound & pits with stake in E. pit. The return course is therefore S. 89° 49 E.

5th Standard Parallel along.

S. B. T. 33 N. R. 53 W. 6th P. M.

Chains.	Retracing
	West. on a random line on S. B. of Section 31. Va. 15° 45' East.
40.19	To a point 5 lks. South of ¼ sec. cor. which is a marked stone in mound & pits with stake in E. pit. The return course is therefore S. 89° 56' E.
	From the ¼ Sec. Cor. I continue. West.
80.40	To a point 8 lks. South Standard The Cor. to Tps. 33 N. Rs. 53 & 54 W. which is a tree, 10 ins. dia.,
	The return course is therefore S. 89° 57' E.
	August 4th 1882.

N. B. T. 33 N. R. 53 W. 6th P. M.

Chains.	
	North on a true line between sections 31-36. Va. 15° 45' East.
	Ascend.
39.00	Top of Spur, bears N. W. & S. E. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. with marked stone. 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.
65.00	Cross Ravine, Course. S. E.
80.00	Set a Sand stone 24 x 16 x 6 ins. 18 ins. in the ground for Cor. to Secs. 25-30-31-36 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 Broken.
	Soil 3rd rate
	Vegetation, Bunchgrass.

N.B. T. 33 N. R. 53 W. 6th P. M.

Chains.	
	North on a true line between sections 25-30
	Va. 15° 45' East.
6.00	Descend.
34.00	Cross low Sag and ascend.
40.00	Set a Sand stone 16 x 10 x 6 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. 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.
51.00	Top of Spur, bears E. and W., and descend.
60.00	Cross Ravine, Course. East, and ascend.
77.00	Top of Ridge, bears E. and W., and descend.
80.00	**Set a Sand stone 21 x 16 x 4 ins. 15 ins. in the ground for Cor. to Secs. 19-24-25-30 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 mountainous
	Soil 3rd rate.
	Timber of Pine,
	Vegetation Bunchgrass.

N.B. T. 33 N. R. 53 W. 6th P. M.

Chains.	
	North on a true line between sections 19-24.
	Va. 15° 15' East.
	Descend. Nath slope,
35.00	Leave Timber, Bears. E. and W.
39.00	Foot of N. Slope & continue gradual descent
40.00	Set a Sand stone 16 x 10 x 5 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. 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.
80.00	Set a Sand stone 18 x 12 x 3 ins. 12 ins. in the ground for Cor. to Secs. 13-18-19-24 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 mountainous
	Soil 3rd rate.
	Timber of Pine,
	Vegetation Bunchgrass.

W. B. T. 33 N. R. 53 W. 6th P. M.

Chains.

North on a true line between sections 13-18,

Va. 15° 45' East.

Over rolling land.

22.00 Cross Wash, course N.W.

40.00 Set a Sand stone 16 x 14 x 6 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. 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.

44.00 Cross Brook, 5 lks. wide, Course N.W. Starts from A Spring, bears S.E. about 20 lks. dist.

80.00 Set a Sand stone 16 x 10 x 4 ins., 11 ins. in the ground for Cor. to Secs. 7-12-13-18 marked with 4 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 rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

W. B. T. 33 N. R. 53 W. 6th P. M.

Chains.

North on a true line between sections 7-12,

Va. 15° 45' East.

Over broken land.

40.00 Set a Sand stone 16 x 14 x 4 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. 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.

80.00 Set a Sand stone 15 x 11 x 5 ins. 10 ins. in the ground for Cor. to Secs. 1-6-7-12 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 Broken.

Soil 3rd rate

Vegetation, Bunchgrass.

M.B. T. 33 N. R. 53 W. 6th P. M.

Chains.

North on a true line between sections 1 — 6,

Va. 15°45' East.

Over broken land.

35.00 Cross Wash, course N.W.

40.00 Set a Sana stone 16 x 14 x 4 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. 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.

80.00 Set a Sana stone 36 x 30 x 4 ins. 27 ins. in the ground, for Cor. to Tps. 33 and 34 N. R's 53 and 54 W., marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth 2½ ft. high, 5 ft. base.

Land Broken. Ava rolling.
Soil 3d rate
Vegetation Bunchgrass.

M.B. T. 33 N. R. 53 W. 6th P. M.

Chains.

Before proceeding further with the exteriors of 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.

From the Cor. to Tps. 33 & 34 N., Rs. 53. & 54 W., I run East. on a random line on N. B. of Tp.

Va. 15°45' East.

I set temporary corners at every half mile, and at 5 miles 79.16 chs. I arrive at a point 100 lks. South of Cor. to Tps, 33 & 34 N. Rs. 52 & 53 W. from which corner I run S. 89°58' N. on a true line between sections 1 & 36,

Va. 15°45' East.

Over rolling land.

34.00 Cross Big Cottonwood Creek, course N.E.

40.00 Set a Sana stone 14 x 12 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., 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, with marked stone. 12 ins. in the ground, for Cor. to Secs. 1 — 2 — 35 — 36, marked T. 34 N. S. 36 on N. E., R. 53 W., S. 1

N.B. T. 33 N. R. 53 W. 6th P. M.

Chains.

on S. E. T. 33 N. S. 2 on S. W. and S. 35 on N. W. face, 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 around post.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

S. 19° 53' W. on a true line between sections 2 - 35,

Va., 6° East.

Over rolling land.

20.00 Cross dry Creek course N.E.

29.00 Cross same course S.E.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. 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, with marked stone. 12 ins. in the ground, for Cor. to Secs. 2-3-34-35, marked T. 34 N. S. 35, on N. E., R. 53 W., S. 2 on S. E., T. 33 N. S. 3 on S. W. and S. 34 on N. W. face,

N.B. T. 33 N. R. 53 W. 6th P. M.

Chains.

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 around post.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

S. 19° 53' W. on a true line between sections 3 - 34

Va. 16° East.

Over rolling land.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. 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 30 x 24 ins. 22 ins. in the ground for Cor. to Secs. 3-4-33-34 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.

N. B. T. 33 N. R. 53 W. 6th P. M.

Chains.	
	S. 89° 53' W. on a true line between sections 4 - 33, Va. 16° 03' East.
	Over rolling land.
40.00	Set a Sana stone 24 x 12 x 4 ins., 18 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 Sana stone 20 x 12 x 6 ins. 15 ins. in the ground for Cor. to Secs. 4 - 5 - 32 - 33 marked with 2 notches on W. 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.

N. B. T. 33 N. R. 53 W. 6th P. M.

Chains.	
	S. 89° 53' W. on a true line between sections 5 - 32, Va. 16° East.
	Over rolling land.
40.00	Set a Sana stone 24 x 16 x 4 ins., 18 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 Sana stone 30 x 20 x 4 ins. 22 ins. in the ground for Cor. to Secs. 5 - 6 - 31 - 32 marked with 1 notch on W. 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.

N.B. T33 N. R53 W. 6th P. M.

Chains.	
	S. 89° 53' W. on a true line between sections 6 – 31 Va. 15° 50' East.
	Over rolling land.
40.00	Set a Sand stone 16x14x 4 ins., 11 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.
79.16	The Cor. to Tps. 33 & 34 N. Rs. 53 & 54 W.
	Land rolling. Soil 3rd rate Vegetation, Bunchgrass. August 5th 1882.

N.B. T34 N. R53 W. 6th P. M.

Chains.	
	North on a true line between sections 31 – 36. Va. 15° 45' East.
	Over rolling land.
38.00	Cross Wash, course N.W.
40.00	Set a Sand stone 14x14x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. 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.
41.00	Cross Wash, course N.E.
44.00	Cross Wash, course N.W.
75.00	Cross Wash, course S.W.
80.00	Set a Sand stone 16x10x6 ins. 11 ins. in the ground for Cor. to Secs. 25-30-31-36 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.

M.B. T. 34 N. R. 53 W. 6th P. M.

Chains.	
	North on a true line between sections 25 - 30,
	Va. 15° 45 East.
	Over rolling land.
40.00	Set a Sand stone 4 x 10 x 3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. 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.
80.00	Set a Sand stone 20 x 12 x 3 ins. 15 ins. in the ground for Cor. to Secs. 19 - 24 - 25 - 30 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 rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

M.B. T. 34 N. R. 53 W. 6th P. M.

Chains.	
	North on a true line between sections 19 - 24,
	Va. 16° East.
	Over rolling land.
13.00	Cross Wash, course N.W.
40.00	Set a Sand stone 14 x 12 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. 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.
43.00	Head of dry Creek, course N.W.
80.00	Set a Sand stone 16 x 10 x 8 ins. 11 ins. in the ground for Cor. to Secs. 13 - 18 - 19 - 24 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.

W.B. T. 34 N. R. 33 W. 6th P. M.

Chains.

North on a true line between sections 13-18,

Va. 16' East.

Over rolling land.

40.00 Set a Sand stone 14x12x4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. 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.

80.00 Set a Sand stone 16x12x8 ins. 11 ins. in the ground for Cor. to Secs. 7-12-13-18 marked with 1 notch on S. and 2 notch on W. 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.

W.B. T. 34 N. R. 33 W. 6th P. M.

Chains.

North on a true line between sections 7-12,

Va. 16' East.

Over rolling land.

40.00 Set a Sand stone 14x12x4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. 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.

40.55 Cross Wash, course N.E.

76.00 Cross Wash, course East.

80.00 Set a Sand stone 16x8 x 3 ins. 11 ins. in the ground for Cor. to Secs. 1-6-7-12 marked with 3 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 3rd rate

Vegetation, Bunchgrass.

N.B. T. 34 N. R. 55 W. 6th P. M.

Chains.

North on a true line between sections 1 — 6,

Va. 16° East.

Over rolling land.

40.00 Set a Sana stone 4 x 12 x 3 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.

80.00 Set a Sana stone 36 x 16 x 6 ins. 22 ins. in the ground, for Cor. to Tps. 34 and 35. R's 53 and 54 N. marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth 2½ ft. high, 5 ft. base.

Land rolling.

Soil 3rd rate

Vegetation Bunchgrass.

N.B. T. 34 N. R. 55 W. 6th P. M.

Chains.

Before proceeding further with the exteriors of 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.

From the Cor. to Tps. 34 & 35 N., Rs. 53 & 54 W. I run East. on a random line on N.B. of Tp.

Va. 15° 45' East.

I set temporary corners at every half mile, and at 5 miles 76.50 chs. I arrive at a point 24.5 chs. South of Cor. to Tps. 34 & 35 Rs. 53 & 52 W. from which corner I run S 89° 42' W. on a true line between sections 1 & 36,

Va. 15° 45' East.

Over rolling land.

34.00 Cross Cache Road to Black Hills, trav. N.W. & S.E.

40.00 Set a Sana stone 12 x 10 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., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

N.B. T. 34 N. R. 53 W. 6th P. M.

Chains.

80.00 Set a Sand stone 22 x 16 x 4 ins. 16 ins. in the ground for Cor. to Secs. 1 - 2 - 35 - 36 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 rolling.

Soil 3rd rate

Vegetation Bunchgrass,

S. 89° 42' W. on a true line between sections 2 - 35

Va. 16° East.

Over rolling land.

40.00 Set a Sand stone 14 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., 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 18 x 14 x 4 ins. 12 ins. in the ground for Cor. to Secs. 2 - 3 - 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.

N.B. T. 34 N. R. 53 W. 6th P. M.

Chains.

Land rolling.

Soil 3rd rate

Vegetation Bunchgrass,

S. 89° 42' W. on a true line between sections 3 - 34

Va. 16° East.

Over rolling land.

8.00 Cross Wash, course S.W.

30.00 Cross head of wash, course S.W.

40.00 Set a Sand stone 14 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., 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 20 x 16 x 6 ins. 15 ins. in the ground for Cor. to Secs. 3 - 4 - 33 - 34 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.

N.B. T. 34 N. R. 33 W. 6th P. M.

Chains.

S. 89° 42' W. on a true line between sections 4 - 33.

Va. 16° East.

Over rolling land.

16.50 Cross wash, course S.W.

40.00 Set a Sand stone 12 x 10 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., C. 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 16 x 16 x 4 ins. 15 ins. in the ground for Cor. to Secs. 4 - 5 - 32 - 33 marked with 2 notches on W. 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.

N.B. T. 34 N. R. 33 W. 6th P. M.

Chains.

S. 89° 42' W. on a true line between sections 5 - 32.

Va. 16° East.

Over rolling land.

40.00 Set a Sand stone 14 x 10 x 3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., C. 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 16 x 10 x 6 ins. 11 ins. in the ground for Cor. to Secs. 5 - 6 - 31 - 32 marked with 1 notch on W. 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.

N.B. T. 34 N. R. 53 W. 6th P. M.

Chains.

S. 89° 42' W. on a true line between sections 6 – 31,

Va. 16° East

Over rolling land.

26.00 Cross dry Creek, course N.W.

40.00 Set a Sand stone 6 x 16 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., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

76.50 The Cor. to Tps. 34 & 35 N. Rs. 53 & 54 W.

Land rolling.

Soil 3rd rate

Vegetation, Bunchgrass.

August 7th 1882.

General Description

The land in Township 33 N. R. 53 West, is in West part Mountainous and broken, in North part rolling.

Township 34 N. R. 53 W. is rolling land.

Vegetation in both townships Bunchgrass.

U. S. Surveyor General's Office
Plattsmouth Neb. June 22 1883

The foregoing Field Notes of the Survey of the Exterior lines of Tps. 33 & 34 North Range 53 West of the Principal Base and Meridian in the State of Neb. Executed by Frank S. Wood U. S. Deputy Surveyor, under his Contract No 6, dated June 6th 1882, in the Month of August 1882 having been Critically Examined the necessary Corrections & Explanations made, the said field Notes & the Surveys they describe are hereby approved

D V Stephenson
Surveyor General

Book No. 2

Field Notes
of the
Survey of the Exterior Lines
~~Tps. 35 R 53 of 5th~~
Tps. 33. 34 & 35 N. R 54 W
Tps. ~~31. 32~~ 33. 34 & 35 North in
Ranges 55. 56. 57 W of
6th P M.
by
George W Fairfield
U.S. Deputy Surveyor
under his contract No. 13, dated Sept 14 1882

Survey
commenced June 12. 1883
completed Aug. 1. 1883

Ext. 1. Tp. 33 N

Chains	
	N 89° 40' East on a true line bet Secs 25 & 35. Va 15° 30' E
40.00	Set a sandstone 14+12+6 ins 12 ins in the ground for 1/4 Sec Cor marked 1/4 on N face dug pits 18+18+12 ins E & W of Stone 3 1/2 ft dist and raised a mound of earth 1 1/2 ft base 3 1/2 ft base alongside
80.00	Set a sandstone 16+12+4 ins 8 ins in the ground for Cor to Secs 1. 2. 35 & 36 Marked with 3 notches on W and 1 notch on E edges dug pits 18+18+12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside

Land rolling
Soil 3rd & 4th

Page 147 official note page 246 when it belongs

Range. 56. W

Chains	
	N 89° 40' East on a true line bet Secs 26 & 36. Va 15° 30' E
3.60	Wagon road N E & S. W.
15.70	Wagon road N. & S.
40.00	Set a sandstone 14+12+4 ins 7 ins in the ground for 1/4 Sec cor marked 1/4 on N face dug pits 18+18+12 ins E & W of Stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 5 1/2 ft base alongside
80.00	The Cor to Tps. 33 & 34 N Ranges 55 & 56 W.

Land Rolling Prairie
Soil 2nd rate

Page 148 official note page 247 when it belongs

Township 33. N

General Description

This township is composed of Rolling prairie narrow short fertile valleys and broken washouts. Soil ranges from 1st to 4th rate. Emmons & Brewster have a large cattle ranche near center of township. There are many fine streams of Water in this town. The valleys along the streams with slight irrigation will produce all kinds of farm produce

I carefully examined the adjustment of my Solar Compass to day particularly the latitude & reversing apparatus and found them correct.

July 5th 1883

page 149 copied on page 248 thru 249

Range 55. W

From the corner to Secs 33.34. N Ranges 55 & 56 W I run

North between Sections 31 and 36. Va. 15° 30' E.

40.00 Point for Cor falls in a washout & therefore Set a witness corner 125 lks. S. of true cor a Sandstone 24+20+8 ins 18 ins in the ground for 1/4 W. C. Cor marked 1/4 W. B. on W face and raised mound of Stone 3 ft high 4 ft base around stone pits impracticable

41.00 Enter broken Sandstone ridge E. & W.

80.00 Set a Sandstone 24+20+3 ins 10 ins in the ground for Cor to Secs 25.30.31 & 36 marked 1 notch on S. and 5 notches on N. edges dug pits 18+18+12 ins in each Sec. 3 ft dist raised a mound of earth 2 ft high 4½ ft base alongside

Land broken

Soil 4th rate

Ext. W. B. Tp 34 N

Chains	North between Sections 25 & 30. Va 15. 30. E
25.00	Leave broken hills brs E. & W. Enter prairie
40.00	Set a Sandstone 18+10+3 ins 12 ins in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18+18+12 ins N. & S. of Stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
40.50	Wagon road brs N.E. & S.W.
80.00	Set a Sandstone 14+12+5 ins. 10 in in the ground for Cor to Secs 19, 24, 25 & 30. marked 2 notches on S and 4 notches on N. edges from which a Cottonwood 14 ins dia brs N 2¾ E. 160 lks. dist marked B.T. S 39. N. B 35 W Cottonwood 14 ins dia brs N 10¾ W 90 lks dist marked S. 24. B.T. B 56 W. T. 34 N. dug pits 18+18+12 ins in each Sec 5½ ft dist. & raised a mound of earth 2 ft high 4½ ft base Alongside
	Land gently rolling valley Soil 3rd rate

Range 55 W

Chains	North between Sections 19 & 24 Va 15° 30' E
2.00	Dry bed of squaw creek descends N. E.
10.00	Enter broken gravel hill N.E. & S.W.
40.00	Set a Sandstone 18+16+3 ins 14 ins in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18+15+12 ins N.E. & S. of stone 5½ ft dist & raised a mound of earth 1½ ft high 3½ ft base alongside
70.00	Leave gravel hills & enter prairie
80.00	Set a Sandstone 18+6+4 ins. 14 in in the ground for Cor to Secs 13, 18, 19 & 24 marked with 3 notches on N & S. edges dug pits 18+18+12 ins in each Sec 5½ dist and raised a mound of earth 2 ft high 4½ ft base alongside
	Land: broken: gravel hills Soil 4th rate

Ext. W B Tp 34 N

Chains	North between Sections 13 & 18. Va 15° 30' E
40.00	Set a Sandstone 14+10+4 ins 10 ins in the ground for 1/4 Sec. Cor. marked 1/4 on W face dug pits 18+18+12 ins N. & S of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high. 3 1/2 ft base alongside
60.00	Enter valley bears. E. & W.
80.00	Set a Sandstone 15+9+4 ins 12 ins in the ground for cor to Secs. 7. 12. 13 and 18. marked with 4 notches on S. and 2 notches on N edges dug pits 18+18+12 ins in each Sec. 5 1/2 ft dist and raised a mound of earth 2 ft high 7 1/2 ft base alongside
	Land Rolling Prairie & Valley
	Soil 2nd & 3rd rate

Range 35 W

Chains	North between Sections 7 & 12 Va 15° 30' E
20.00	Washout descends. E
37.50	Dry bed of creek descends. E
40.00	Set a Sandstone 14 x 12 + 6 ins 10 ins in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18+18+12 ins N. & S of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 2 1/2 ft base alongside
48.00	Leave valley E. & W. rolling prairie
80.00	Set a Sandstone 16+12+4 ins 12 ins in the ground for Cor. to Secs. 1. 6. 7 & 12 marked with 3 notches on S. and 1 notch on N. edges dug pits 18+18+12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside
	Land: Valley Prairie
	Soil 2nd and 3rd rate

Ext.d W. B. Tp. 34 N.

Chains	North between Secs. 1. and 6 Va 15. 30. E
5.50	Top of gravel ridge brs. E. & W. 30 ft high
40.00	Set a Sandstone 14+12+4 ins. 10 ins in the ground for 1/4 Sec. Cor. marked 1/4 on W. face dug pits 18+18+12 ins N. & S. of stone 5½ ft dist. and raised mound of earth 1½ ft high 3½ ft base alongside
80.00	Set a Sandstone 20+10+4 ins 15 ins in the ground for Cor to Sec. 34 & 35. N Rge 55. & 56. W. marked with T. 35 N S. 31. on N. E. R. 55. W S. 6 on S. E. T. 34. N. S. 1 on S. W. and R. 56. W. S. 36 on N. W. faces with 6 notches on E. W. N. & S. edges and dug pits 24+18+12 ins lengthwise on each line E. & W. N. & S. of stone 6 ft dist and raised a mound of earth 2 ft high 4½ ft base alongside

Land: Rolling
Soil Sandy
July 25th 1883

Range 55 W

Chains	Before proceeding further with the exterior Surveys of this Township I made a change of 5 minutes on the Latitude arc of my Solar Compass by adding same to the reading previously given and at noon verified and corrected same by an observation on the Sun I also further tested instrument by reversing
	Lat 42. 51 N

Exts. N.B. Tps 34 N

From the corner to Townships 34 and 35 N. Ranges 55 and 56 W I run E. on a random line between said Townships the variation of my Compass being

15° 30' E

I set temporary half mile & mile corners at each 40 and 80 chains and find the township line to be 5 miles and 78 chains long and the falling to be 2.24 Lks. N of the corners to Tps. 34 and 35 N Range 54 and 55 W. The correction for the true line will therefore be 37 Lks. S and 2.00 Chs. West per mile. Its course will be

N 88° 44' W

Range 55 W

Chains	From the corner to Townships 34 & 35 N. R. 54 & 55 W I run
	N 88° 44' West on a true line bet. Secs. 1 & 36 Va 15° 30' E
22.00	Drain descends S. E.
40.00	Set a Sandstone 14+12+6 ins 10 ins. in the ground for 1/4 Sec Cor marked 1/4 on N. face dug pits 18+18+12 ins E & W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.00	Set a Sandstone 18+12+4 ins. 12 ins in the ground for Cor to Sec. 1. 2. 35 & 36 marked with 1 notch on E. and 5 notches on Wedges dug pits 18+18+12 ins in each Sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside

Land: Rolling Prairie
Soil 3rd rate

Exts. N.B. Tp 34 N

Chains	
	N 89.74 West on a true line bet Secs 2 & 3
	Va 15°.30' E.
	Rolling Prairie
40.00	Set a sandstone 16+10+3 ins 12 ins in the ground for 1/4 Sec Cor marked 1/4 on N face dug pits 18+18+12 ins E & W of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
80.00	Set a sandstone 20+4+4 ins 16 ins in the ground for Cor to Secs 2.3.34 & 35 marked with 2 notches on E and 4 notches on W edges dug pits 18+18+12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside
	Land: Rolling Prairie
	Soil 3rd rate

Chains	
	N 89.74 West on a true line bet Secs 3 & 34
	Va 15°.30' E
	Over Rolling Prairie
40.00	Set a sandstone 15+9+7 ins 10 ins in the ground for 1/4 Sec Cor marked 1/4 on N. face dug pits 18+18+12 ins E & W of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base Alongside
80.00	Set a sandstone 17+12+3 ins 12 ins in the ground for Cor to Secs 3.4.33 & 34. marked with 3 notches on E. and W. edges and dug pits 18+18+12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside
	Land: Rolling Prairie
	Soil 3rd rate

Exts. N. B. Tp 34 N

Chains	N. 88° 44' West on a true line bet Secs. 4 & 33. Va 15° 30' E
6.00	Grassy drain brs S.E.
40.00	Set a Sandstone 12+10+5 ins 10 ins in the ground for 1/4 Sec. Cor marked 1/4 on N. face dug pits 18+18+12 ins. E & W. of Stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
41.00	Ascend E. Slope
45.00	Top of E. Slope divide, brs N. W. and S. E. descend
80.00	Set a Sandstone 16+10+4 ins 12 ins in the ground for Cor to Secs. 4. 5. 32 and 33 marked with 4 notches on E and 2 notches on W. edges dug pits 18+18+12 ins. in each Sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside

Land: Rolling
Soil 3rd rate

Range 55 W.

Chains	N. 88° 44' West on a true line bet Secs. 5 and 32 Va 15° 30' E.
26.00	Grassy drain descends S.E. foot of W. Slope
40.00	Set a Sandstone 16+10+6 ins 12 ins in the ground for 1/4 Sec Cor marked 1/4 on N face dug pits 18+18+12 ins E. & W. of Stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.00	Set a sandstone 14+12+6 ins 10 ins in the ground for Cor to Secs. ~~1. 2. 35. & 36~~ 5. 6. 31 & 32 marked with 5 notches on E. & 1 notch on W. edges dug pits 18+18+12 ins in each Sec. 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside

Land: Rolling Rairie
Soil: 3rd rate

N 89°.44' West on a true line bet Secs. 6 & 3
Va 15°.30' E

40.00 Set a Sandstone 12+12+4 ins 10 ins in the ground for 1/4 Sec Cor marked 1/4 on N face dug pits 18+18+12 ins E & W of Stone 3 ft dist and raised a mound of earth 1 ft high 3 ft base Along

41.00 Drain descends N. W

78.00 Cor to Tps. 34 and 35 N Ranges 55 and 56. W

Land: Rolling Prairie
Soil 3rd Rate
July 26th 1883

Range 55. W.

General Description

This township is composed of rolling prairie and bad sand washes. The surface in places is rolling and and in other places it is badly washed. In the S. W portion is a range of rocky gravel hills The surface is covered with a rich luxurious growth of grass and in many of the short valleys are good meadows for mowing purposes There are many large ponds of fresh water in the township

I carefully examined the adjustment of my Solar Compass to day perticularly the latitude and reversing apparatus and found them correct

Ext. N.B. Tp 34 N

From the corner to Tps. 34 and 35 N R. 55 and 56 W I run W. on a random line bet said Tps. the variation of my compass being 15° 30' E

I set temporary half mile and mile corners at every 40 & 80 chs and find the Town ships line to be 5 miles 77 chs. and 50 lks. long and the falling to be 162 lks. N of the Cor to Tps. 34 and 35 N R. 56 & 57 W. The correction for the true line will therefore be 27 lks. S and the course will be

N 89° 48' East

Range 56. W

Chains

From the corner to Tps. 34 and 35 N R. 56 and 57 W on 7th Guide meridian W which is a post 3 ins square & 32 ins long marked

T 35 N S. 31 on N E
R. 56 W S 6 on S E
T 34 N S 1. on S W and
R 57 W S 36 on N W faces with 6 notche on E W. N and S edges and dig pits N. S. E and W of post 6 ft dist & mound of Earth around post I run

N 89° 48' East on a true line bet Secs 6 & 31
Va. 15. 30 E.

37.50 Set a Sandstone 14+10+4 ins 10 ins. in the ground for ¼ Sec. Cor. marked ¼ on N. face dug pits 18+18+12 ins. E & W. of Stone 5½ ft dist. and raised a mound of earth 1½ ft hig 3½ ft base alongside

77.50 Set a Sandstone 18+10+3 ins. in the ground for Cor to Secs. 5. 6. 31 and 32. marked

Exts. N.B. Tp. 34 N

Chains	
	with 1 notch on W and 5 notches on E. edges and dug pits 18+18+12 ins in each Sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft base alongside Land: Rolling prairie Soil 3rd rate
	N. 89° 48' East on a true line bet. Secs. 5 & 32 Va 15° 30' E
40.00	Set a Sandstone 12+12+4 ins. 10. ins. in the ground for ¼ Sec. Cor. marked ½ on N. face dug pits 18+18+12 ins. E. & W. of Stone 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft base alongside
80.00	Set a Sandstone 20+10+6 ins. 15 ins. in the ground for cor to Secs. 4. 5. 32 & 33. marked with 2 notches on W. and 4 notches on E. edges dug pits 18+18+12 ins. in each Sec. 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside Land: Rolling prairie Soil 3rd rate

Range 56 W

Chains	
	N. 89° 48' East on a true line bet. Secs. 4 & 33. Va. 15° 30' E.
40.00	Set a Sandstone 14+14+8 ins. 10. ins. in the ground for ¼. Sec. Cor. marked ½ on N face dug pits 18+18+12 ins. E & W of Stone 5½ ft. dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.00	Set a Sandstone 14+8+4. ins. 10. ins. in the ground for Cor to Secs. 3. 4. 33. & 34. marked with 3 notches on E. & W. edges dug pits 18+18+12 ins in each Sec. 5½ ft. dist and raised a mound of earth 2. ft. high 4½ ft base alongside Land: Rolling Prairie Soil: 3rd rate

Ext. N. B. Tp 34 N

Chains	N 89° 48' East on a true line bet Secs 3 & 34. Va. 15° 30' E
1.00	Drain descends S. E.
40.00	Set a Sandstone 12+10+3 ins 10 ins in the ground for 1/4 Sec. Cor. Marked 1/4. on N. face dug pits 18+18+12 ins. E & W of Stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
71.50	Drain descends S. E
80.00	Set a Sandstone 14×9+5 ins 10 ins in the ground for Cor to Secs 2.3.34 & 35 marked with 4 notches on W and 2 notches on E edges dug pits 18+18+12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside

Land: Rolling prairie
Soil 3rd rate

Range 56. W

Chains	N 89° 48' East on a true line bet Secs 2 & 35 Va. 15° 30' E
40.00	Set a Sandstone 12+10+4 ins 4 ins in the ground for 1/4 Sec. Cor Marked 1/4 on N. face dug pits 18+18+12 ins E & W of Stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
44.00	Drain descends S. E.
64.00	Drain descends S.
74.50	Drain descends S
80.00	Set a Sandstone 16+10+1 ins 10 ins in the ground for Cor to Secs 1.2.35 & 36. marked with 5 notches on the W and 1 notch on the E. edges dug pits 18+18+12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside

Land Rolling Prairie
Soil 3rd Rate

Ext. ½ N. B Tp 34 N

N 89° 48' E as on a true line bet Secs 1 & 36
Va 15° 30' E

15.00 Drain descends S. E.
20.00 Drain descends S. W.
38.00 Drain descends. S.
40.00 Set a sandstone 14+10+4 ins. 10 ins in the ground for ¼ Sec Cor marked ¼ on N face dug pits 18+18+12 ins. E. & W of Stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.00 The corner to Tps. 34 and 35 N. Rs. 55 & 56. W

Land: Rolling, Soil 3rd rate

Range 56 W

General Description

This township is composed of rolling prairie and bad Land washouts. There is some scattering timber and brush a fine creek and small streams and also many large pools of water. The grasses are very heavy and of fine quality which makes this a fine grazing tract.

There are many fine short Valleys of excellent soil and favorably adapted to farming purposes

Expt. W. B. Tp. 35 N

Chains	
	From the Corner to Tps. 34 & 35 N Rgs. 55 and 56 W Trun
	North between Secs. 31. and 36 Va 15° 30' E
40.00	Set a Sandstone 14+10+4 ins. 12 ins in the ground for 1/4 Sec. Cor. marked 1/4 on W. face dug pits 18+18+12 ins N. & S of Stone 5½ ft. dist. and raised a mound of earth 1½ ft high 3½ ft base alongs
67.00	Drain Descends N. W
80.00	Set a granite boulder 18+18+14 ins 10 ins. in the ground for Cor to Secs 25.30.31 & 36 marked with 1 notch on S. and 5 notches on N edges dug pits 18+18+12 ins in each Sec. 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside
	Land: Rolling prairie Soil 3rd rate

Range 55 W

Chains	
	North between Secs. 25 and 30 Va 15° 30' E
27.00	Drain descends N. W
40.00	Set a Sandstone 14+12+10 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face dug pits 18+18+12 ins N & S of stone 5½ dist and raised a mound of earth 1½ ft. high 3½ ft base alongside
72.00	Dry Creek, descends & water in holes
80.00	Set a Sandstone 16+8+4 ins 12 ins. in the ground for Cor to Secs 19.24.25 & 30 marked with 2 notches on S. and 4 notches on N edges dug pits 18+18+12 ins in each Sec. 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside
	Land: Rolling Prairie Soil 3rd rate

Ent. W B Tp 35 N

North between Sections 19 and 24
Va 15° 30' E

40.00 Set a sandstone 14x10x4 ins. 10 ins in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18x18x12 ins N & S of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft base alongside

61.00 Enter brush and timber along Indian Creek brs. N E & S. W

69.00 Indian Creek 10 lks wide runs N. E.

78.35 Intersect State line between Nebraska and Dak. 520 lks. W of the 214th mile stone at which point I set a sandstone 16x10x3 ins. 12 ins. in the ground for Clos. Cor. to Tps. 35 N Ranges 55 and 56 W Marked
C.C T35 N and 3 notches on S. R55 W. S.19 and 6 notches on E. and R56 W S.24 and 6 notches on W edges from which a
Cottonwood 6 ins dia brs. S.85° 45' E 115 lks dist. marked C.C. T35 N R55 W

Range 55 W

S 19 B T.
Cottonwood 6 ins dia brs. N 18° 15' W. 282 lks dist Marked.
Dak B T
Cottonwood 6 ins dia brs. S. 72° 10' W 129 lks dist marked
Nebr. B. T.
dug pits 24x18x12 ins. E & W of stone 6 ft. dist and raised a mound of earth 2 ft. high 4 1/2 ft base alongside

Land Rolling & broken
Soil 3rd rate

Brush & Timber 17.35 chs

Ex W. B Tp 35 N.

General Description

40.0 This fractional township is composed of rolling prairie and is in a tract of country known as the Bad Lands. parts of which are good lands and other parts are worthless

61. Indian Creek a stream from 10 to 20 lks wide and from 1 to 4 ft deep runs across the

69.0 N.W. portion of the township

78. There are large water holes over the entire surface of the township

July 27th 1883.

I carefully examined the adjustment of my Solar Compass to day particularly the latitude and reversing apparatus and found them correct

Range 53 W

From the cor to Tps. 34 & 35 N. Rs. 53 and 54. W before described by me. I run

North between Sections 31. and 36

Va 15° 30' E.

40.00 Set a Sandstone 14×10×6 ins. 12 ins in the ground for 1/4 Sec. Cor marked 1/4 on W face. dug pits 18×18×12 ins N. & S. of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside

61.00 Creek Long Branch dry descends N. W. Water in holes

80.00 Set a Sandstone 18×12×4 ins, 12 ins in the ground for Cor to Secs 25. 30. 31 and 36. marked with 1 notch on S. and 3 notches on N. edges dug pits 18×15×12 ins in each Sec. 5½ dist and raised a mound of earth 2 ft high 4½ ft base alongside

Land: Rolling Prairie

Soil 3rd rate

Eq. W. B. Tp 35 N

		North between Sections 25 & 30 Va 15° 30' E
40.	40.00	Set a Sandstone 12+12+10 ins. 9 ins in the ground for 1/4 Sec Cor marked 1/4 on W. face dug pits 18+18+12 ins N & S of Stone 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft base alongside
61.	80.00	Set a Sandstone 14+12+8 ins. 18 ins in the ground for Cor to Secs. 19. 24. 25 & 30 marked with 2 N notches on S. and 1 notches on N. edges dug pits 18+18+12 ins in each Sec. 5½ ft dist and raised a mound of earth 2 ft. high 4½ base alongside
69.		
78.		

Land Rolling Prairie
Soil 3rd

Range 53 W

		North between Secs. 19 & 24. Va. 15° 30' E
40.00		Set a Sandstone 17+13+5 ins 10 ins in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18+18+12 ins N & S of Stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
76.20		Intersect State line between Nebraska and Dakota 16. 20 chs. W. of 202nd mile stone at which point I. Set a sandstone 22+14+4 ins 18 ins in the ground for closing corner to Tps. 35 N. R. 53 & 54. W. Marked C.C. T35 N & 3 notches on S. R. 53 W. S. 19 on E. and R. 54. W. S. 24. on W faces with 4 notches on E & W edges dug pits 24+18+12 ins E. W. & S of stone 6 ft dist and raised a mound of earth 2 ft high 4½ ft base alongside

Land: Rolling prairie
Soil 3rd rate

Extr. W B Tp 33 N

General Description

40.

This township is composed of rolling prairie. Long Branch Creek in the W portion as a kind of water holes, – creek being dry in places and in other places containing large pools of good fresh water.

61.

The riches grasses make this township a fine pasturage

69.

78.

The soil ranges 2nd and 3rd rate and parts of it are adapted to agricultural purposes

July 28th 1883

At the corner to Tps. 33 & 34 N Rs. 56 and 57 W. I made an observation on the sun at noon on the 8. day of July, 1883 and found the Latitude to be

42° 53' N

Range 57 W

Chains	
	From the Cor to Tps. 33 and 34 N Ranges 56 and 57 W on the 7th Guide Meridian W. before described by me. I run
	West on a true line bet Secs. 1 and 36 Va 15° 30' E
35.00	Enter brush and timber trs. N & S W
38.50	Branch 3 lks. wide runs S & W
40.00	Set a sandstone 14+12+4 ins. 14 ins. in the ground for 1/4 Sec. Cor marked 1/4 on N face dug pits 18+18+12 ins. E. & W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
	No trees large enough to mark in limits
56.00	Creek 4 lks. wide runs S. E
65.00	Leave brush and timber trs. N W & S E
80.00	Set a sandstone 18+12+5 ins 12 ins. in ground for Cor to Secs. 1. 2. 35 & 36 Marked with 1 notch on E. & 5 notches on W. edges dug pits 18+18+12 ins. in each Sec. 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside

Ext. N. B. Tp 33 N

	Land Rolling and broken Soil. 2nd and 3rd rate
40.	Brush and timber 30 chs.
	West on a true line bet Secs. 2 & 35. Va 15° 30' E
40.00	Set a Sandstone 20+8+4 ins. 15 ins. in
61.	the ground for 1/4 Sec. Cor. marked
	1/4 on N. face dug pits 18+18+12 ins
69.	E. & W. of Stone 5 1/2 ft dist. and
78.	raised a mound of earth 1 1/2
	ft high. 3 1/2 ft base alongside
48.00	Ascend. E. Slope. Spur of Mt. from South
52.00	Top of Mt. Spur brs. N. & S. descends W. Slope
73.50	Ravine descends N. & W. & ascend high Mt.
	Spur from S. W. 200. ft. high
80.00	Set a Sandstone 30+14+4 ins. 20 ins. in
	the ground for Cor to Secs. 2. 3. 34 & 35
	marked with 2 notches on E. and 4
	notches on W edges and raised a
	mound of stone 2 ft high 4 1/2 ft
	base alongside. Pits impracticable
	Land: broken & Mountainous. Scattering timber. Soil. 4th rate
	Mountains 32. chs.

Range 57 W

Chains	
	West on a true bet Secs 3. & 34 Va 15° 30' E
1.00	Top of Mt. Spur from S. W. desce
	nds along N. W. slope of Mt.
25.00	Canon descends N. E. 100 ft deep
	Foot of N. W. Slope. Mt. Spur
	Ascend E. Slope Mt. Spur 100. ft. high
30.00	Top of Mt Spur bears N. & S. W.
	and descend
38.00	Foot of W Slope Mt. Spur
38.00	Ascend E. Slope Mt. Spur. 100. ft. high
40.00	Set a Sandstone 24+8+4 ins. 15 ins. in the
	ground for 1/4 Sec Cor marked 1/4
	on N. face and raised a Mound
	of stone 2 ft. high 4 1/2 ft base
	alongside. Pits impracticable
46.00	Enter pine timber on Side
	Mt. bears N. & S. descend N. Slope
	Spur of Mt. brs. to S. W
65.00	Spring branch 5 lks wide runs
	N. W. Foot of N. W. Slope
	Ascend E. Slope. Steep Mt. Spur
	200 ft. high
70.00	Top of Mt. Spur bears. S. and.

Exd. N B Tp. 33 N

	Chains	descend N. Slope.
	73.00	Leave Timber on Side of Mountain
40.	77.00	Foot of N. Slope of Mountains
	80.00	Set a Sandstone 32+16+6 ins. 24 ins. in the ground for Cor to Secs. 3.4.33.&34 marked with 3 notches on E & W edges. dug pits 18+18+12 ins in each Secs. 5½ ft. dist. and raised a mound
61.		of earth and stone 2½ ft. high 5½ ft. base alongside
69.		Land: broken & Mountainous
78.		Soil: 4th rate
		Mountains 70. chains
		Timber Pine & Cedar 27. chains

Range 57 W

Chains	West on a true line bet. Secs. 4 & 33. Vs. 15° 30' E
5.00	Ascend along South slope. high Mountain range E & W
15.00	Top of Ascent & along S. Slope Mt. Range
40.00	Set a Sandstone 22+14+4 ins. 12 ins. in the ground for ¼ Sec. Cor. Marked ¼ on N face and raised a mound of Stone 2 ft. high 4½ ft. base alongside
78.20	Intersect State line between Wyoming and Nebraska 31.30 chs. N of the 129th mile post a mound of earth with pits 3 ft. Square N. & S of mound 6 ft. dist. No post or Stone to be found
	Set a Sandstone 18+14+4 ins. 12 ins. in the ground for closing Corner to Tps. 33 & 34. N. R. 57 W. Marked C.C. R. 57 W & 4 notches on E. T. 33 N on S. and T. 34 N on N. and 6 notches on the N. & S. faces and dug pits 24+18+12 ins. lengthwise of line

Ext. N B Tps. 34 N

40.

E. N. & S. of stone 6 ft. dist. and raised a mound of earth 2½ ft. high 4½ ft base alongside
Land: Broken Mountains
Soil 4th rate
Mountains: 73.20 chs.
Timber Scattering pine on Mountains
July 30th 1883

61.

69.
78.

Range 57. W

General Description
This fractional township lying along the State line is very rough and broken composed of high Mountains. breaks and deep Canyons. There are many fine mountain streams and large groves of pine timber scattered over the mountain sides and Canyons. There is fine pasturage in the valleys between the Mountains. The Soil ranges from 2nd to 4th rate.

I carefully examined the adjustment of my Solar Compass to day perticularly the Latitude and reversing apparatus and found them correct

At the corner to Tps. 34. & 35 N Ranges 56. & 57 W. on 7th Std. de

Ext. N B Tp. 34 N

40.

61.

69.

78.

Meridian. W I made an observation on the Sun at noon on the day of 1883 and found the latitude to be 43° 57' N

Range 57 W

chains

From the Cor to Tps. 34 and 35 N. Ranges 56 and 57. W before described by me I run

West on a true line bet. Secs. 1 & 36 va 15° 30' E

40.00 Set a Sandstone 16+10+3 ins. 12 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and dug pits 18+18+12 ins. E & W of stone 5 1/2 ft dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside

80.00 Set a Sandstone 18+10.7 ins. 12 ins. in the ground for Cor. to Secs. 1 & 2 & 35 & 36 marked with 1 notch on the E and 3 notches on W. faces and dug pits 18+18+12 ins. in each Sec. 5 1/2 ft dist. and raised a mound of earth 2 ft. high 4 1/2 ft base alongside

Land: Rolling Prairie
Soil 3rd rate

E. of N. B. Tp. 34 N.

	Chains	West on a true line bet. Sections 2 & 35 Va. 15° 30' E.
40.	18.00	Drain descends N.
	40.00	Set a Sandstone 18+10+3 ins. 12 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face dug pits 18+18+12 ins. E. & W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside
61.	54.00	Wagon road bears N. 15° W.
	79.77	Drain descends N. E.
69.	80.00	Set a Sandstone 22+7+7 ins. 15 ins. in the ground for Cor. to Sec. 2.3.34 & 35 marked with 2 notches on E. and 2 notches on W. edges and dug pits 18+18+12 ins. in each Sec. 5 1/2 ft. dist. & raised a mound of earth 2 ft. high 4 1/2 ft. base alongside
78.		Land Rolling Prairie Soil 3rd rate

Range 57. W.

Chains	West on a true line bet. Secs. 3 & 34. Va. 15° 30' E.
15.00	Head of drain descends N. W.
37.00	Drain descends N. E.
40.00	Set a black slate stone 16+9+5 ins. 12 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and dug pits 18+18+12 ins. E. & W. of stone 3 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside
66.00	Drain descends N. E.
80.00	Set a Sandstone 14+14+4 ins. 18 in the ground for Cor. to sec. 3. 4. 33 & 34 marked with 3 notches on the E. & 1 notch on W. edges and dug pits 18+18+12 ins. in each Sec. 5 1/2 ft. dist. and raised mound of earth 2 ft. high 4 1/2 ft. base alongside
	Land: Rolling Prairie Soil 3rd rate

Chains	
	West on a true line bet. Secs. 4 & 33 Va. 15° 30' E
40.	40.00 Set a Sandstone 20+9+4 ins. 15 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on N face and dug pits 18+18+12 ins. E. & W. of stone 3½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside
61.	83.04 Intersect the State line between Wyoming and Nebraska at 34.30 chs. N. of the 135th mile post which is a Cottonwood post 4 ins. square and 6 ft. long marked 135. M.P. on S. Neb on E. 136 on N. & Wyoming on W faces standing in mound of earth with pits 3 ft. square N. & S. of post 6 ft. dist. and Set a Sandstone 24+6+6 ins. 18 ins. in the ground for closing Cor. to Tps. 34 & 35 N Range 57 W marked C.C. R. 57 W. and 4 notches on E. T. 35 N and 6 notches on N and T. 34 N and 6 notches on S edges dug pits 24+18×12 ins. lengthwise
69.	
78.	

Chains	
	of line N. S. and E. of Stone 6 ft. dist. and raised a mound of earth 2 ft. high and 4½ ft base alongside
	Land broken
	Soil 4th rate
	Aug 1st 1883.

Date of Acceptance

General Description

This Township is in the N. W. Corner of the State of Nebraska.

The soil is broken gravel hills and rolling prairie land and some Bad Lands

Indian Creek a stream about 20 lks. wide runs through the north of this Township

It is principaly addapted to grazing purposes

But parts of it can be farmed

Note — I have noted the length of lines lines through timber only when land was heavily timbered or with dense under ~~brush~~ growth

U.S. Surveyor Genl's office
Plattsmouth Nebr
February 18th 1884

The foregoing field notes of the Survey of the exterior lines of Tps. 35 N. R 53. W. and Tps. 34 and 35 N. R 54 W. & Tps. 31. 32. 33. 34 & 35 N. Rs 55. 56 & 57 W 6th PM in Nebraska executed by Geo W Fairfield U.S. Deputy Surveyor under his contract No 13. dated September 14. 1882, during the months of July 1883 having been critically examined, the necessary corrections and explanations made the said field notes and the survey they describe are hereby approved

D W Stephenson
Surveyor General

Range 54 W

marked R.55.W S.36. on N.W
T.33.N. R.54W. S.31. on N.E
and S.S.C.W. C on South faces
with 6 notches on N.E & W faces and
pits N.E.& W of Mound 6 ft dist
with mound of earth
This corner is a witness corner and
stands 40 lks. S of true point for Cor
From true point for cor I run North
between Sections 31. and 36.
Va. 15° 30' E

.50	Washout descends N.W
8.00	Washout descends W
30.00	Washout descends N.W
40.00	Set a Sandstone 14+12+4 ins 10 ins in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18+18+12 ins 1½ ft S of stone 5½ ft dist and raised a mound of earth 1½ ft high & 3½ ft base alongside
80.00	Set a Sandstone 18+12+4 ins 10 ins in the ground for Cor to Secs 25.30.31. and 36. marked with 1 notch on the South and 5 notches on the N edges with pits 18+18+12 ins in each Sec 5½ ft

Chains	
	dist and raised a mound of earth 2 ft high 4½ ft. base alongside
	Land. Broken washes
	Soil 8th rate
	North between sections 25 and 30 Va. 15° 30' E.
16.00	Small creek runs N. W
40.00	Set a Sandstone 12+10+6 ins 10 ins in ground for ¼ Sec. Cor. Marked ¼ on W face dug pits 18+18+12 ins N & S. of stone 5½ ft dist. and raised a mound of earth 1½ ft high 4½ ft base alongside
80.00	Set a Sandstone 16+14+4 ins. 12 ins in the ground for Cor to Secs. 19. 24. 25 & 30 marked with 2 notches on S. and 4 notches on N. edges dug pits 18+18+12 in. each Sec. 5½ ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside
	Land broken
	Soil 3rd rate

Chains	
	North between Sections 19 & 24 Va. 15° 30' E
40.00	Set a Sandstone 12+12+4 ins 10 ins in the ground for ¼ Sec. Cor. Marked ¼ on W face dug pits 18+18+12 ins N & S of stone 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside
62.00	Barren Washout descends N. W.
80.00	Set a Sandstone 20+13+7 ins. 15 ins in the ground for Cor to Secs. 13. 18. 19 & 24. marked with 3 notches on N. & S. edges and dug pits 18+18+12 ins in each Sec. 5½ ft. dist and raised a mound of earth 2 ft high 4½ ft base alongside
	Land Broken Washes
	Soil 4th rate
	North between Sections 13 & 18 Va 15° 30' E
18.00	Wide drain descends N. W
40.00	Set a Sandstone 18+10+4 ins 10 ins in the ground for ¼ Sec Cor marked

Exs N. B. Tp 33 N

Chains	
	1/4 on W face dug pits 18+18+12 ins N. & S. of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
60.00	Washout descends W
73.00	Ascend S Slope of ridges
75.00	Top of ridge bears E & W
80.00	Set a Sandstone 20+12+3 ins 15 ins in the ground for Cor to Secs 7.12.13 & 18. marked with 4 notches on S and 2 notches on N edges dug pits 18+18+12 ins in each sec 5 1/2 ft. dist & raised a mound of earth 2 ft. high 4 1/2 ft base Alongside Land broken, Washouts, Soil 4th rate

Range 54 W

Chains	
	North between Sections 7. and 12. Va. 15° 30' E
40.00	Set a Sandstone 15x10x4 ins 10 ins in the ground for 1/4 Sec. Cor. marked 1/4 on W face dug pits 18+18+12 ins N. & S. of Stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
50.00	Wagon road bears N. W
65.00	Wagon road bears N. E.
80.00	Set a Sandstone 16+10+4 ins 12 ins in the ground for Cor to Secs 1. 6. 7. and 12 marked with 5 notches on S. and 1 notch on N edges dug pits 18+18+12 ins in each Sec 5 1/2 dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside Land Rolling Prairie Soil 3rd rate

Ext. W B Tp 33 N

Chains	North between Secs. 1 and 6 Va 15° 30' E
10.00	Wagon Road bears N.E & S.W
36.00	Wagon Road bears N.W. & S.E
40.00	Set a Sandstone 16+12+6 ins 12 ins in the ground for 1/4 Sec. Cor. marked 1/4 on W. face dug pits 18+18 ins N & S. of Stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.00	Set a Sandstone 30+20+4 ins 20 in the ground for Cor to Tps. 33 and 34 N Rs. 54 & 55 W marked T.34 N. S.31 on N.E. R.54 W S.6 on S.E. T.33 N. S.1 on S.W R.55 W S.36 on N.W faces with 6 notches on E & W N & S edges dug pits 24+18+12 ins E & W N & S. of stone 6 ft dist and raised a mound of earth 2 ft high 4½ ft base alongside

Land Rolling
Soil 3rd rate

Range 54 W

From the corner to Tps. 33 & 34 N. Rs. 54 & 55 W I run East on a random line between said Tps. the variations of my compass being 15° 30' East

I set temporary half mile and mile corners at each 40 and 80 chs and find the township line to be 5 miles and 47 chs long and the follings to be 160 lks N. of the Cor to Tps. 33 and 34 N Ranges 53 & 54 W. The correction for the true line will therefore be 26½ lks South and 3 chs W per mile and its course will be

N 89° 49' W

From the Cor to Tps. 33 and 34 N Ranges 53 and 54 W. which is a Sandstone 30+22+4 ins marked T.34 N. S.36 on N.W. T.33 N S.1 on S.W R.53 W S.6 on S.E. R.54 W S.31 on N.E. faces with 6 notches on N. S. E & W edges and pits N. S. E & W of stone 6 ft dist and Mound of earth alongside

I run

Ext. N. B. Tp. 33 N

Chains	N 89° 49' West on a true line bet Secs 1. & 36 Va 15° 30' E
15.00	Enter gently rolling prairie
40.00	Set a Sandstone 18+12+6 ins 12 ins in the ground for 1/4 Sec. Cor. marked 1/4 on N face, dug pits 18+18+12 ins E & W of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
45.00	Enter dry Creek bed descends W.
68.00	Leave dry Creek bed, descends N. W.
80.00	Set a Sandstone 24+20+4 ins 15 ins in the ground for Cor to Secs. 1. 2. 35 & 36 marked with 1 notch on E. and 5 notches on W. edges. dug pits 18+18+12 ins. in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside Land broken Washes and rolling Prairie Soil 3rd and 4th rate

Range 54 W

Chains	N 89. 49 West on a true line bet Secs. 2 & 35 Va 15° 30' E
1.00	Enter low Alkali flat bears N. S.
8.00	Leave flat brs N. S.
40.00	Set a Sandstone 12+12+4 ins. 10 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face, dug pits 18+18+12 ins. E. & W. of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft. base alongside
46.00	Drain descends N. E
52.00	Wagon road brs N. E. & S. W.
80.00	Set a Sandstone 20+6+6 ins. 14 ins. in the ground for Cor. to Secs. 2. 3. 34 & 35 marked with 2 notches on E and 4 notches on W. edges dug pits 18+18+12 ins. in each Sec. 5 1/2 ft dist. and raised a mound of earth 2 ft high 4 1/2 ft. base alongside Land Rolling and broken Soil 3rd and 4th rate

Ext. N. B. Tp 33 N

Chains	
	N. 89° 49' West on a true line bet Secs. 3 & 34 Va. 15° 30' E.
12.00	Dry Creek descends N.E. Water in holes
40.00	Set a Sandstone 14+12+6 ins. 10 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face dug pits 18+18+12 ins E. & W. of stone 5 1/2 ft dist. and raised a mound of earth 1 1/2 ft high, 3 ft base alongside
74.00	Dry Creek descends N.W. water in holes
80.00	Set a Sandstone 22+14+3. 15 ins. in the ground for Cor to secs. 3. 4. 33 and 34 marked with 3. notches on E. & W. edges dug pits 18+18+12 ins in each Sec. 5 1/2 ft dist. and raised a mound of earth 2 ft. high 4 1/2 ft base alongside Land flat Prairie Soil 2nd rate

N. 89° 49' West on a true line bet. Secs. 4 and 33 Va 15° 30' E.

20.00	Dry Creek descends N.W. Water in holes
40.00	Set a Sandstone 14+8+3 ins 10 ins the ground for 1/4 Sec. Cor. marked 1/4 on N. face

Range 54 W

Chains	
	dug pits 18+18+12 ins E. & W. of stone 5 1/2 ft dist. and raised a mound 1 1/2 ft high 3 1/2 ft base alongside
62.00	Drain Descend N.W.
80.00	Set a Sandstone 18+18+4 ins 12 ins in the ground for Cor to Secs. 4. 5. 32 & 33 marked with 4 notches on E. and 2 notches on W. edges dug pits 18+18+12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside Land Level Prairie Soil 2nd & 3rd rate

N. 89° 49' West on a true line bet. Secs. 5 & 32 Va 15° 30' E.

23.00	Dry Creek descends N. Water in holes
40.00	Set a Sandstone 12+12+6 ins. 10 ins in the ground for 1/4 Sec Cor marked 1/4 on N. face dug pits 18+18+12 ins E. & W. of Stone 3 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
57.00	Dry Creek descends N.W. Water in holes

Ext. N. B. Tps. 33 N

Chains	
80.00	Set a Sandstone 17+13+5 ins 12 ins in the ground for cor to Secs. 5, 6, 31 & 32. Marked with 5 notches on E and 1 notch on W edges dug pits 18+18+12 ins in each Sec. 5½ ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside Land Level Prairie Soil 2nd & 3rd
	N 89° 48' West on a true line bet Secs. 6 & 31. Va. 15° 30' E.
37.00	Grassy drain descends N
40.00	Set a Sandstone 12+10+4 ins 10 ins in the ground for ¼ Sec. Cor. Marked ¼ on N. face dug pits 18+16+11 ins E. & W. of stone 5½ ft. dist. and raised a mound of stone 1½ ft high 3½ ft base alongside
77.00	The Cor to Tps 33 & 34 N. R. 54 & 55 W. Land Level Soil 3rd rate

Range 54 W

I carefuly examined the adjustment of my Solar compass to day perticularly the latitude and reversing apparatus & found them to be correct

General Description

The S. E. portion of the Township is very broken and Mountainous with dense and heavy growth of pine timber. The North portion is rolling Prairie land 2nd rate soil. There are several Ranches and pasture fences near the central portion of the Township. There are many fine streams of mountainous water in and near central portions of Township. June 19th 1883.

Before proceeding with the exterior survey of this Township I made a change of 5 minutes in latitude Arc of my Solar Compass by adding same to my reading

Chains	
	previously given and at noon verified and corrected same by an observation on the Sun I also further tested instrument by reversing Lat. 42° 52' N
	From the Cor to Tps 33 & 34 N Rs 54 & 55 W North between Sections 31 & 36 Va. 15° 35' E
5.00	Ascend S. Slope of divide
33.00	Top of divide brs E & W Descend
40.00	Set a Sandstone 14+10+6 ins 10 ins in the ground for 1/4 Sec. Cor marked 1/4 on W face dug pits 18+18+12 ins N & S of stone 5½ ft dist raised a mound of earth 1½ ft high 3½ ft base alongside
80.00	Set a Sandstone 16+12+4 ins. 12 ins in the ground for Cor to Secs. 25. 31. 31 and 36 marked with 1 notch

Chains	
	on S and 5 notches on N edges dug pits 18+18+12 ins. in each Sec 5½ ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside Land Rolling Prairie Soil 2nd rate
	North between Sections 25 & 30. Va 15° 35' E.
40.00	Set a Sandstone 10+10+6 ins 7 ins in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18+18+12 in N & S of stone 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside
68.00	Dry Creek descends N. W. water in holes
77.00	Same Creek descend N. E. water in holes
80.00	Set a Sandstone 20+8+4 ins. 15 ins. in the ground for Cor to Secs. 19. 24. 25 & 30. marked with 2 notches on S and 4 notches on N edges dug pits 18+18+12 in. in each Sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside Land rolling Prairie Soil 2nd rate

Ext. W B Tp 34 N

Chains	North between Sections 13 and 24. Va 15° 35' E
2.00	Dry creek descends N.W. water in holes
10.00	Same creek descends N.E. Water in holes
16.00	Same creek descends N.W water in holes
32.00	Wagon road brs N.E & S.W
40.00	Set a Sandstone 14+12+4 ins 14 ins in the ground for 1/4 Sec. Cor. marked 1/4 on W face dug pits 18+18+12 ins N & S. of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
43.00	Enter dry creek bed descends N.
80.00	Corner falls in short bend of Dry Creek And 50 lks. East Set a sandstone 20+12+3 ins. 15 ins in the ground for W.C. to Secs. 13 18.19 & 24 marked with W.C on N.E. S.E. and W. faces and with 3 notches on N. and S. edges and dug pits 18+18+12 ins. in each Sec. 5½ ft dist. and raised a mound of earth 2 ft. high 4½ ft base alongside Land, Valley, and Rolling Prairie Soil 2nd Rate

Range 54 W

Chains	North between Sections 13 & 18 Va 16° 35' E
14.00	Leave dry creek bed descend to N.W.
33.50	Perpendicular bank 20 ft high brs. N.E. & S.W
34.00	Hat creek descends N.E Water 20 lks wide
40.00	Set a Sandstone 12+10+6 ins. 10 ins. in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18+18+12 ins. N. & S. of Stone 5½ ft. dist. and raised a mound of earth 1½ ft high 3½ ft base alongside
45.00	Hat Creek descends N.W. Water 50 lks wide 2 ft deep
67.00	Re-cross Hat Creek descends N.E
80.00	Set a Sandstone 20+12+3 ins. 15 ins in the ground for Cor to Secs. 7.12 13 and 18 marked with 4 notches on S and 2 notches on the N edges dug pits 18+18+12 ins. in each Sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside Land valley Soil 2nd rate

Exte. W B Tp 34 N

Chains	
	North between Sections 7 & 12 Va 15° 35' E
2.00	Short drain descend E.
40.00	Set a Sandstone 16+12+4 ins. 12 ins in the ground for 1/4 Sec Cor Marked 1/4 on W face dug pits 18+18+12 ins N & S of stone 5½ ft. dist. and raised a mound of earth 1½ ft high 3½ ft base alongside
45.00	
68.00	
80.00	
54.00	Drain descends E 1 ch. wide
80.00	Set a Sandstone 24+14+4 ins. 20 in in the ground for Cor to Secs. 1. 6 7. 2nd. 12 marked with 5 notches on the S and 1 notch on the N edges and dug pits 18+18+12 ins in each Sec 5½ ft dist. and raised a mound of earth 2 ft high 4½ ft base alongside

Land Rolling Prairie
Soil 2nd Rate.

Range 54 W

Chains	
	North between Sections 1 and 6 Va 15° 35' E
10.00	Drain descends E
40.00	Set a Sandstone 16+12+4 ins 12 in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18+18+12 ins N & S of stone and raised a mound of earth 5½ ft dist 1½ ft high 3½ ft base alongside
41.00	Wagon road brs N W & S E.
54.00	Dry Creek descends S E. water in holes
80.00	Set a Sandstone 24+6+6 ins. 15 ins in the ground for Cor to Tps. 34 & 35 N Rgs. 54 and 55 W. Marked T35 N S31 on N E. R54 W S6. on S E T34 N S1 on S W. R55 W S36 on N W faces and 6 notches on N S E and W edges and dug pits 24+18+12 ins E & W 2½ ft S of stone 6 ft dist and raised a mound of earth 2 ft high 4½ ft base alongside

Land Rolling Prairie
Soil 2nd Rate

Exts. N B Tp 34 N

Chains	Chains	
		From the cor to Township 34 & 35 N Ranges 54 and 55 W I run East on a random line between said Tps. the variation of my compass being Va 15° 30' E
15.00		
40.00		I set temporary half mile and mile corners at each 40 and 80 chs. and find the Tp line to be 5 miles 77 chs. and 20 lks. and the falling to be 282 lks. N of the Cor to Tps. 34 and 35 N. Ranges 53 & 54 W. The correction for the true line will therefore be 47 lks. South and 282 lks. West per mile and its course will be
45.00		
68.00		
80.00		N 89° 40 West.
		From the corner to Tps. 34 & 35 N Rs. 53 & 54 W which is a sandstone 24+12+6 ins. 20 ins. in the ground marked with 6 notches on N. S. E & W edges and pits N. S. E. & W of stone 6 ft. dist. and mound of earth alongside I run

Ranges 54. W

Chains	Chains	
		N 89° 40' West on a true line bet Secs. 1. & 36. Va 15° 30' E
38.00		Grassy drain bears N.
40.00		Set a Sandstone 14+10+4 ins. 10 ins. in the ground for 1/4 Sec Cor marked 1/4 on N face and dug pits 18+18+12 ins. E & W of stone 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside
67.00		Drain descends N. E.
80.00		Set a Sandstone 20+14+4 ins. 15 ins. in the ground for Cor to Secs. 1. 2. 35. and 36 marked with 1 notch on E and 5 notches on Wedges dug pits 18+18+12 ins. in each Sec. 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside
		Land Rolling Prairie Soil 3rd rate

Ext. N B Tp 34 N.

Chains	
	N. 89°. 40' West on a true line bet Secs 2 & 35 Va 15°. 30' E
28.00	Wagon road brs N W & S E.
15.00	
40.00	Set a Sandstone 15+14+8 ins. 10 ins in the ground for 1/4 Sec Cor marked 1/4 on N face dug pits 18+18+12 ins. E & W of stone 5 1/2 ft dist and raised mound of earth 1 1/2 ft high 3 1/2 ft base alongside
45.00	
80.00	Set a Sandstone 16+10+6 ins 12 ins in the ground for Cor to secs 2. 3. 34 and 35 marked with 2 notches on E and 4 notches on W edges dug pits 18+18+12 ins in each Sec 5 1/2 ft dist and raised mound of earth 2 ft high 4 1/2 ft base alongside
68.00	
80.00	

Land Rolling Prairie
Soil 3rd rate

Range 54 W

	N 89°. 40 West on a true line bet Secs 3 & 34. Va 15°. 30' E
7.00	Drain descends N W
40.00	Set a Sandstone 14+12+4 ins 10 ins in the ground for 1/4 Sec Cor. marked 1/4 on N face dug pits 18+18+12 ins E & W of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
62.00	Drain descends N W
80.00	Set a Sandstone 16+12+4 ins 12 ins in the ground for Cor to Secs 3. 4. 33 & 34 marked with 3 notches on E & W edges dug pits 18+18+12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside

Land gently rolling
Soil 3rd rate

Exp. No 13 Tp. 34. N

Chains	Chains	N 89.40 West on a true bet Secs. 4. & 33. Va 15° 30' E
	18.50	Perpendicular bank. brs. W. 30 ft high
15.00	20.00	Dry Creek descends N. W.
40.00	40.00	Set a Sandstones 16+12+6. ins. 10 ins. in the ground for 1/4 Sec Cor marked 1/4 on N. face dug pits 18+18+12 ins. E. & W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft high 3 1/2 ft base Alongside
45.00		
68.00	59.50	Salt creek 20 lks. wide runs N. E.
80.00	60.00	Perpendicular bank 20 ft. high N. E.
	80.00	Set a Sandstone 20+16+4 ins. 15 ins in the ground for Cor to Secs. 4. 5. 32 & and 33 marked with 4 notches on E. and 2 notches on W. edges dug pits 18+18+12 ins. in each Sec 5 1/2 ft. dist and raised a mound of earth 2 ft. high 4 1/2 ft base Alongside

Land Rolling
Soil 2nd of 3rd rate

Range 54 W

Chains	N 89.40 West on a true line bet Secs. 5. and 32 Va 15° 30' E
33.00	Drain descends S. E.
40.00	Set a Sandstone 14+12+4 ins. 10 ins in the ground for 1/4 Sec Cor marked 1/4 on N face dug pits 18+18+12 ins. E. and W. of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
80.00	Set a Sandstone 18+6+4 ins. 12 ins in the ground for Cor to Secs. 5. 6. 31. and 32 marked with 5 notches on E. and 1 notch on W. edges dug pits 18+18+12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside

Land Rolling Prairie
Soil 2nd rate

N 89° 40' West on a true line bet Secs. 6. & 31 Va 15° 30' E.

40.00	Set a Sandstone 12+12+6 ins. 10 ins. in the ground for 1/4 Sec Cor marked 1/4 on N face dug pits 18+18+12 ins. E. & W. of Stone 5 1/2 ft dist & raised a

Eptl. N. B. Tp 34 N

Chains	Chains	
		mound of earth 1½ ft. high 3½ ft base alongside
15.00	42.00	Wagon road brs N.E & S.W.
40.00	61.00	Drain descends S.E.
	77.20	Cor to Tps. 34 & 35. N Rgs. 54 & 55. W
		Land. Rolling Prairie
		Soil 3rd rate
45.00		I carefully examined the adjustment
68.00		of my Solar Compass to day particul-
80.00		arly the latitude and reversing
		apparatus and found them correct

General description

This township is mostly compo-
sed of rolling prairie Platt creek
a large stream 20 to 30 lks. wide
and 2 ft deep runs through the
N.W. portion of this Township
There are several Ranches and
Hay Meadows in this Township
The soil is mostly composed
of 2nd and 3rd rate Soil

June 18th 1883

Range 54 W

Chains	
	Before proceeding with the exter-
	ior survey of this Tp I made a
	change of 5 minutes in the latit-
	ude 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
	Lat 42. 54 N.
	From corner to Townships 34 & 35
	N Ranges 54 and 55 W I run North
	North between Sections 31. & 36.
	Va. 15° 35' E
40.00	Set a Sandstone 16+12+4 ins. 12 ins. in
	the ground for ¼ Sec. Cor marked ¼
	on W face dug pits 18+18+12 ins N. & S
	of Stone 5½ ft dist. and raised a mound
	of earth 1½ ft high 3½ ft base alongside
72.00	Dry Creek descends N.W. Water in holes
80.00	Set a Sandstone 18+14+4 ins. 12 ins. in
	the ground for Cor to Sec. 25. 30. 31

Exts. W. B. Tp 35 N

Chains	
	and 36 marked with 1 notch on S. and 5 notches on N edges dug pits
15.00	18+18+12 ins. in each Sec 5½ ft dist
40.00	and raised a mound of earth 2 ft high 4½ ft base alongside
	Land Rolling Prairie
	Soil 2nd rate
45.00	North between Sections 25th and 30
68.00	Va 15° 35' E.
80.00	
38.00	Wire fence brs N.W. & S.E.
40.00	Set a Sandstone 16+12x4 ins. 12 ins. in the ground for ¼ Sec Cor marked ¼ on W face dug pits 18x18x12 ins. W & S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
73.00	Thick brush along Short bend Trees
75.00	Leave Brush brs. N.W.
79.40	Cottonwood 14 ins dia.
80.00	Cor falls in low bank of Creek I therefore marked

Range 54. W

A Cottonwood tree 14 ins dia & 60 lks S of true cor. for a witness cor. to Secs. 19. 24. 25 and 30 marked
¼ S W.C. on N face
S. 19. on N.E.
T. 35 N R. 54 W. S. 30 on S.E.
S. 25 on S.W. and
T. 36 N R. 55 W S. 24. on N.W.
from which Cor.
A Cottonwood 12 ins dia brs. S. 25 & 14. W. 30 lks dist marked
T. 35 N B.T. W.C.
A Cottonwood tree 12 ins dia brs N 25° 16' E. 60 lks. dist Marked
R. 54 W B.T. W.C.
A Cottonwood 8 ins dia brs N. 17° 16' W 70 lks. dist marked
R. 55 W W.C. B.T.
Land Rolling Prairie Soil 2nd & 3rd Rate
Brush & Timber 7 Chains

Extd. W B Tp 35 N

Chains	Chains	North between Sections 19 & 24 Va. 15° 30' E
		From Cor enter brush and timber
15.00		along low creek bottom bears N.E & S.W
40.00	10.00	Creek 10 lks. wide runs N. E.
	22.00	Leave brush & timber brs N E & S.W.
	40.00	Set a Sandstone 14+12+6 ins. 10 ins
		in the ground for 1/4 Sec Cor marked
		1/4 on W face dug pits 18+18+12 ins.
45.00		N & S. of stone 5½ ft dist and raised
68.00		a mound of earth 1½ ft high
80.00		3½ ft base alongside
	76.10	Intersect State line between
		Nebraska and Dakota 11.34 chs.
		N of 208th mile post and set for
		closing Cor. to Tp. 35 N Rs. 54 &
		55 W a Sandstone 10+8+4 ins. 8
		ins. in the ground for Clos. Cor
		to Tp. 35 N Rs 54 and 55 W marked
		CC T.35 N on S
		R 55 W. S. 24 on W
		R 54. W S 19 on E
		with 3 notches on S and 6 notches
		on E & W edges 4 day. pits 24+18+12 ins

Range. 54. W

Chains	E. W. & S. of stone 6 ft. dist and
	raised a mound of earth 2 ft
	high 4½ ft base alongside
	Land Rolling Soil 3rd rate
	Timber, Cottonwood, & Willow 22 chs.

General Description

This township is mostly rolling prairie 3rd rate Soil. There are many large water holes over this Tp. in many the water is good and fresh in others it is tinctured with Alkali and Alum the vegetations is very fine grass.

July 22nd 1883

Tp begun at the standard corner to Tp 33 N. Ranges 55 & 56 W which is a large sandstone marked 6 notches on E. and W. edges and S.C on N faces with pits E. W. and N. of stone 6 ft dist and raised mound of earth around stone

Exts. W B. Tp. 33 N

Chains	Chains	
		At the Standar cor. to Tps. 33 N Rs. 55 and 56 W I made an observation on the sun at noon on the 23rd day of July 1883. and found the Lat 42° 47' N
		Thence I run North between Sections 31, and 36 Va 15° 30' E
15.00		
40.00		
45.00	30.00	Drain descends S.W.
68.00	40.00	Set a Sandstone 12x12x4 in. 10 ins. in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18x18x12 in N. & S. of Stone 3 1/2 ft dist. and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
75.00		Creek 20 lks wide runs N. E
80.00		Set a Sandstone 18x12x4 ins 14 ins in the ground for Cor to Secs. 25 30, 31, and 36 marked with 1 notch on Sand 5 notches on N. faces dug pits 18x18x12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside
		Land rolling Prairie Soil 2nd rate

Range 55 W

	I carefuly examined the adjustment of my Solar Compass to day perticularly the latitude and reversing apparatus and found them correct.
	North bet. Secs 25 and 30 Va 15° 35' E.
11.00	Enter Bad Lands E. & W.
17.00	Leave bad lands E & W
30.00	Drain 3 chs. wide descends S.W.
40.00	Set a Sandstone 16+12+4 ins. 12 ins in the ground for 1/4 Sec. Cor. marked 1/4 on W. face dug pits 18+18+12 ins. N. & S. of Stone 5 1/2 ft dist. and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
79.10	Pt. Robinson and Hall Creek
	Telegraph line S 73° E
80.00	Set a Sandstone 20+14+6 ins. 15 ins. in the ground for Cor. to Secs. 19, 24, 25 & 30 marked with 2 notches on S. & 4 notches on N. edges dug pits 18+18+12 ins. in each Sec 5 1/2 ft dist. and raised mound of earth 2 ft high 4 1/2 ft base alongside
	Lad rolling Barie Soil 3rd rate

Exts. W B Tp 33 N

Chains	Chains	North between Sections 19. and 24 Va 15° 30' E
	2.00	Wagon road from Sec. Robinson to Hatt Creek bears N.W. & S.E.
15.00		
40.00	30.00	Prairie Dog Creek 6 links wide course N.E.
	40.00	Set a Sandstone 16+10+3 ins. 12 ins in the ground for 1/4 Sec Cor. marked 1/4 on W face dug pits 18+18+12 ins N & S of stone 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base alongside
45.00		
68.00		
80.00	80.00	Set a Sandstone 14+10+4 ins. 10 ins in the ground for Cor to Secs. 13.18.19.24 marked with 3 notches on N & S edges and dug pits 18+18+12 ins in each Sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside

Land Rolling Prairie
Soil 3rd rate

Range 55 W

	North between Sections 13 and 18 Va 15° 30' E
40.00	Set a Sandstone 15+11+4 ins 10 ins. in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18+18+12 ins N & S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.00	Set a Sandstone 15+10+4 ins 10 ins in the ground for Cor to Secs. 7.12.13 and 18. marked with 4 notches on S. and 2 notches on N. edges and dug pits 18+18+12 ins. in each Sec 5½ ft dist. and raised a mound of earth 2 ft. high 4½ ft base alongside

Land Rolling Prairie
Soil 2nd rate

Exts W B Tp 33 N

Chains		
		North between Sections 7 and 12 Va 15° 30' E
	20.00	Warbonnet creek 12 lks wide
15.00		and 8 ins deep runs E
40.00	40.00	Set a Sandstone 12+12+4 ins 10 ins in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18+18+12 ins. N & S of stone 5 1/2 ft dist. and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
45.00		
68.00	80.00	Set a Sandstone 18+6+4 ins 12 ins. in
80.00		the ground for Cor to Secs. 1. 6 7 and 12 marked with 5 notches on S. and 1 notch on N edges dug pits 18+18+12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside

Land: Rolling
Soil 2nd rate

Range 55 W

Chains	
	North between Sections 1 and 6 Va 15° 30' E
30.00	Ascend S. Slope Divide
40.00	Corner falls on top of divide brs E. & W
	Set a Sandstone 18+16+6 ins 12 ins in the ground for 1/4 Sec Cor marked 1/4 on W face dug pits 18+18+12 in N & S of stone 5 1/2 ft dist and raised a mound of stone 2 ft high 3 1/2 ft base alongside
80.00	Set a Sandstone 30+6+6 ins 15 in the ground for Tps 33 & 34 N Rs 55 & 56 W. marked on N. E. T 34 N S. 31. On S E R 55 W S. 6 On S W. T 33 N S. 1. On N W R 56 W S. 36 and dug pits 24+18+12 ins E. W. N & S. of stone 6 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside

Land: Rolling; Soil 3rd rate
July 23rd 1883

Exts. N B Tp. 33 N

Chains

15.00
40.00

45.00
68.00
80.00

Before proceeding further with the exterior survey of this Township I made a change of 5 minutes on 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

Lat 42° 52' N

From the corner to Tps. 33 & 34 N R. 55 & 56 W. I run East on a random line between said Townships the variation of my compass being

15° 30' E.

I set temporary half mile and mile corners at each 40 & 80 chs. and find the Township line to be 5 miles 78 chs and 20 lks long and the falling to

Range 55 W

Chains

be 120 lks South of the cor to Tps 33 and 34 N R. 54 & 55 W. The correction for the true line will therefore be 20 lks N and 180 lks W per mile and its course will be

S 88° 51' West

From the corner to Tps. 33 & 34 N. R. 54 & 55 N. I run

South 89° 51' W on a true line bet Sec. 36 & a 15° 30' E

13.25 Cheyenne river wagon road bs. N & S
40.00 Set a Sandstone 14+14+8 ins 12 ins in the
~~40.00~~ ground for 1/4 Sec Cor marked 1/4 on N face dug pits 18+18+12 ins E & W of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
76.00 Ender valley bears N E & S W
80.00 Set a Sandstone 17+7+5 ins 12 ins in the ground for Cor to sec 1. 2. 35 and 36. marked with 1 notch

Exts N. B Tp 33 N

Chains	
	on the E and 5 notches on the W edges dug pits 18+18+12 in. in each Sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside
	Land: Prairie hills and Valley Soil 4th and 5th rate
	S 89° 51' West on a true line bet Secs 2 & 35 Va 15° 30' E
15.00	
40.00	
45.00	
68.00	Hat creek 20 lks wide 18 ins deep runs N
80.00	40.00 Set flint boulder 18+7+7 ins. 12 ins in the ground for ¼ Sec Cor marked ¼ on N face dug pits 18+18+12 ins E & W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
	45.00 Leave Creek bottom bts N. E & S. W
	80.00 Set a Sandstone 14+9+6 ins 12 ins in the ground for Cor to Secs 2, 3, 34 & 35 marked with 2 notches on the E, and 4 notches on W edges dug pits 18+18+12 in in each Sec 5½ ft dist and raised mound of earth 2 ft high 4½ ft base alongside
	Land: Valley & Soil 3rd rate

Range 55 W

Chains	
	S 89° 51' West on a true line bt Secs. 3 & 34 Va 15° 30' E
40.00	Set a Sandstone 14+8+4 ins 10 ins in the ground for ¼ Sec Cor marked ¼ on N face dug pits 18+18+12 ins E & W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.00	Set a Sandstone 15+8+5 ins 10 ins in the ground for Cor to Secs 3, 4, 33 and 34 marked with 3 notches in E and W edges dug pits 18+18+12 ins in each Sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside
	Land: Rolling Prairie Soil 3rd rate

Exts. N B Tp 33 N.

Chains	
	S 88° 51' West on a true line bet Secs. 4 & 33. Va 15° 30' E
18.00	Enter valley bears N. E. and S. W.
40.00	Set a Sandstone 14+8+7 ins 10 ins. in the ground for 1/4 Sec Cor marked 1/4 on N face and dug pits 18+18+12 ins E. & W of Stone 5 1/2 ft dist. and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
56.00	Leave valley bears N. E. & S. E
70.00	Enter low valley bears N. E. & S. W.
80.00	Set a Sandstone 17+7+6 ins 12 ins in the ground for Cor to Secs 4. 5. 32 and 33 marked with 4 notches on E. & 2 notches on W edges dug pits 18+18+12 ins in each Sec. 5 1/2 ft dist and raised mound of earth 2 ft high & 4 1/2 ft base alongside

Land: Valley: Soil 2nd rate

Range 55 W

Chains	
	S 88° 51' West on a true line bet Secs. 5 and 32 Va 15° 30' E.
40.00	Set a Sandstone 14+12+4 ins in the ground for 1/4 Sec Cor marked 1/4 on N face dug pits 18+18+12 ins E. & W. of Stone 5 1/2 ft dist. and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
56.00	Leave valley N. & S.
80.00	Set a Sandstone 18+8+4 ins 14 ins in the ground for Cor to Secs 5. 6. 31 and 32 marked with 5 notches on East and 1 notch on W edges dug pits 18+18+12 ins in each Sec. 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside

Land: Valley: Soil 2nd rate

Exts. N B Tp 33 N

Chains	
	S 89° 51' West on a true line bet Secs. 1 & 36. Va 15° 30' E
40.00	Set a Sandstone 16 + 6 + 5 ins 12 ins in the ground for 1/4 Sec Cor marked 1/4 on N. face dug pits 18 x 18 x 12 ins E & W of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 base alongside
78.20	The cor to Tps. 33 & 34 N Rs. 55 & 56 W
	Land; Rolling Prairie Soil 3rd rate
	I carefully examined the adjustment of my Solar Compass to day perticularly the latitude and reversing apparatus and found them correct
	General Description This is a Township of rolling Prairie and many fine valleys The soil is nearly all 1st & 2nd rate. There are also many fine streams of Water over the township

Range 55 W

Chains	
	From the corner to Tps. 33 and 34 N Ranges 55 and 56 W. I run West on a random line between said townships the variations of my compass being 15° 30' E
	I set temporary half mile and mile corners at every 40 and 80 chs. and find the length of the line to be 5 miles, and 76 chs. long & the falling to be 2.82 chs. N of the cor to Tps. 33 and 34. N Rs. 56 and 57. The correction for the true line will therefore be 47 lks South per mile and its course will be N 88° 40' E

Ext. N. B Tp 33 N

Chains

From the corner to Tps. 33. and 34 N Rs. 56 and 57. W which is an old rotten post no marks desc rnabbe I therefore re-establish this Cor by setting a sandstone 30x8x6 ins. 20 ins in the ground marked with 6 notches on E & W N and S. edges and dug pits 24x15x12 ins E. W. N & S. of stone 6 ft. dist. and raised a mound of earth 2 ft high 4½ ft. base alongside

I run

N. 89°40' East on a true line bet Secs. 4 and 31

Va 15° 30' E

22.00 Enter Valley N. & S

36.00 Set a sandstone 12+12+4 ins 10 ins in the ground for ¼ Sec. Cor marked ¼ on N face dug pits 18x18x12 ins E & W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft. base alongside

Ranges 56 W

Chains

76.00 Set a sandstone 18+12+4 ins. 14 ins in the ground for Cor to Secs 5. 6. 31 and 32. marked with 1 notch on W and 5 notches on E edges. dug pits 18+15+12 ins in each Sec 3½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside

Land: Valley and Prairie
Soil 2nd and 3rd rate

Ext. N. B. Tp 33 N

Chains	
	N 85° 40' East on a true line by Secs. 5 & 32 V. 15° 30' E
25.00	Dry bed of squaw creek descends S. E.
40.00	Set a sandstone 14+12+4 ins. 10 ins in ground for 1/4 Sec Cor marked 1/4 on N. face dug pits 18+18+12 ins E & W of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
66.00	Dry bed of Squaw creek descends N. E.
80.00	Set a sandstone 18+12+6 ins 12 ins in the ground for Cor to Secs 4.5.32 & 33 marked with 2 notches on W and 4 notches on E edges dug pits 18+18+12 ins in each Sec. 5 1/2 ft. dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside
	Land: Valley ÷ Soil 1st & 3rd rate

Range 56 W

Chains	
	N 85° 40' East on a true line bet Secs. 4 & 33. Va 15° 30' E
7.00	Leave valley N. & S.
40.00	Set a Sandstone 14+10+4 ins 12 ins in the ground for 1/4 Sec marked 1/4 on N. face dug pits 18+18+12 ins. E & W of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
63.00	Broken Washout descends N E.
80.00	Set a Sandstone 26+10+6 ins. 20 ins in the ground for Cor to secs 3.4.33 and 34 marked with 3 notches on E. and W edges with a mound of stone 2 ft high 4 1/2 ft base alongside
	Pits impracticable
	Land Rolling and Washy
	Soil 3rd & 4th rate

Exts N B Tp 33 N

Chains	
	N. 89°40' East on a true line be secs. 33.34.
	Va 15°30' E
7.00	Enter broken stony ridges brs N. & S.
36.00	Drain descends North
39.00	Leave broken gravel hills brs N. & S. and enter Rolling Prairie
40.00	Set a Sandstone 22+12+4 ins 18 ins in the ground for 1/4 Sec. Cor. marked 1/4 on N. face dug pits 18+18+12 ins E. & W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.00	Set a Sandstone 16+12+3 ins 12 ins in the ground for Cor to Secs 2.3.34 & 35 marked with 4 notches on W. and 2 notches on E edges dug pits 18+18+12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside
	Land Broken gravel hills
	Soil 3rd and 4th rate

Continued on page 93.

Range 56 W

Copied from page 147

Chains	
	N 89° 40' East on true line between sections 2 and 35
	Va 15° 30' E.
40.00	Set a Sandstone 14 x 12 x 6 ins 12 ins in the ground for 1/4 S. Cor. marked 1/4 on N face dug pits 18 x 18 x 12 ins E & W of stone 5½ ft dist and raised a mound of earth 1½ ft base 3½ ft base along side
80.00	Set a sandstone 16 x 12 x 4 ins 8 in in the ground for Cor. to sec 2, 3, 35 & 36 marked with 5 notch on W 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 along side
	Land rolling
	Soil 3rd & 4th

Range 56. W

~~Copied from page 146~~

Chains	
	N 89° 40 E on true line between Sections 1 & 36
	Var. 15° 30' E.
3.60	Wagon road N.E. & S.W.
15.70	Wagon road N & S.
40.00	Set Sandstone 14 x 12 x 4 ins 7 ins in the ground for 1/4 Cor. marked 1/4 on N face dug pits 18 x 18 x 12 ins. E. & W of stone 5 ft dist. and raised a mound of earth 1 ft high 3½ ft base along side
80.00	Cor to Tps 33 & 34. N. Rgs 55 & 56. W.

Land Rolling Prairie
Soil 3rd rate.

Copied from page 149

General Description

This Township is composed of Rolling Prairie narrow short fertile valleys and broken rushouts. Soil ranges from 1st to 4th rate. Emmons & Brewster have a large Cattle ranche near centre of township. Thru are many fine streams of water in this town. The Valleys along the streams with slight irrigation will produce all kinds of farm produce.

I carefully examined the adjustment of my Solar Compass to day particularly the Latitud and reversing apparatus and found them correct

July 3rd 1883

General Land Office • Original Field Notes

Book Number

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

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