General Land Office • Original Field Notes

Book Number

277

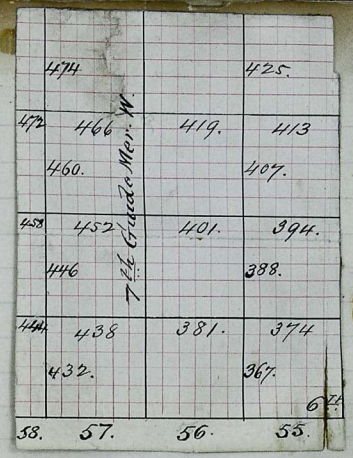
The images in this file are photographs of the notes of the original surveys of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

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

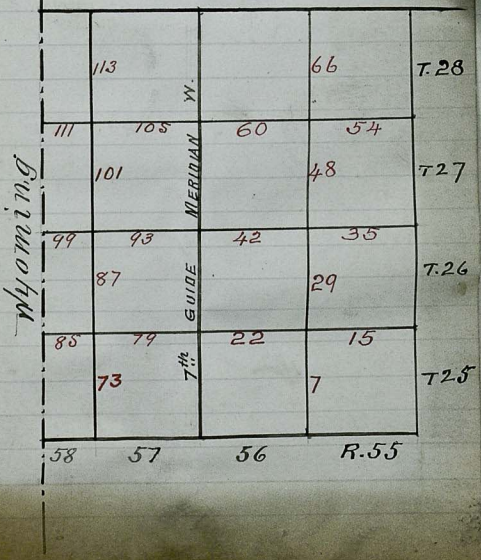
T. 25-28 N.

R. 55-58 W

40½



INDEX DIAGRAM.



Field Notes
of
Exterior Boundaries
of
Townships 25.26.27 and 28 N
Ranges 55.56 & 57 W.

By
W. F. Benson U.S. Dept. Surv

Commenced June 29th 1881
completed July 11th 1881

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Preliminary Oath of Assistants.

I, John Hughes, do solemnly swear that I will well and truly perform the duties of Axeman according to instructions given me, and to the best of my skill and ability.

John Hughes

Subscribed and sworn to, before me, this 20th day of June, 1881.

A Eutzmann
Notary Public

We J. Flahiff and John H. Dame

do solemnly swear that we will faithfully execute the duties of Chainmen carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by

sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines; that we will assist in measuring, to the best of our skill and ability.

J. Flahiff
John H Dam

Subscribed and sworn to, before me, this 20th day of June, 1881.

A Eutzmann
Notary Public

I, Frank Shaw

do solemnly swear that I will well and truly perform the duties o

Moundman according to instructions given me, and to the best of my

skill and ability.

Frank Sha

Subscribed and sworn to, before me, this 20th day

of June, 1881.

A Eutzmann

Notary Public

Survey made with Burt's Patent Improved Solar Compass, nearly new, and in first rate order. Made by W. & D. E. Gurley of Troy, New York in 1881.

On the 27th. day of June 1881 by permission of the Surveyor General, I carefully compared my instrument with the true meridian at Cheyenne Wyoming, that being nearer my work than the one at Platte mouth, and found it to be correct, excepting that one of the levels was a little out of adjustment. Remedied that by means of the screws, at the end of the bubble so that the instrument reversed perfectly and proceeded to the field. At the standard Corner to Tps. 25 N. Rs. 55-56 W. There made an observation at noon on 29th. day of June 1881 and found the latitude to be 42° 04' North.

89

W. P. T. 25 N. R. 55 W. 6th. P. M.

Chains.

From the standard Cor. to Tps. 25 N. Rs. 55 & 56 W. which is a sand stone 18 x 10 x 4 ins. and pits, Run North on a true line between sections 31-36.

Va. 15° 45' East.

Ascend.

14.00 Top of Ridge, trav. N. W. & S. E. and descend.

20.00 Cross Gulch, 18 lks. wide, Course N. 40° E. and ascend.

40.00 Set a line stone 12 x 9 x 7 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. Pits impracticable.

45.00 Top of Spur, trav. E. & W. and descend.

46.00 Cross Gulch, 50 lks. wide, Course S. 38° W. and ascend.

80.00 Set a sand stone 18 x 14 x 6 ins. 12 ins. in the ground for Cor. to Secs. 30-31-25-36 marked with 1 notch on S. and 5 notches on N. edges, dug pits 18 x 16 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of

W. B. T. 25 N. R. 55 W. 6th. P. M.

Chains.

earth 2 ft. high, 4½ ft. base.
Land mountainous.
Soil 3d. rate.
Vegetation Bunchgrass.

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

Ascend.

4.00 Top of hill bears E. & W.
40.00 Set a sand stone 9 x 7 x 6 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 15 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
50.00 Top of Spur, bears E. & W. and descend.
55.00 Cross Gulch, 20 lks. wide, Course N. 70° W. and ascend.
58.00 Top of Spur, bears E. & W. and descend.
60.00 Cross Gulch, 5 lks. wide, Course West and ascend.
75.00 Top of Ridge, bears E. & W. and descend.
78.00 Cross Gulch, 20 lks. wide, Course N. W. and ascend.

W. B. T. 25 N. R. 55 W. 6th. P. M.

Chains.

80.00 Set a sand stone 17 x 6 x 4 ins. 12 ins. in the ground for Cor. to Secs. 24-25-19-30 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 hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

North on a true line between sections 19-24.
Va. 15° 45' East.

Ascend.

17.00 Top of hill bears N. 40° W. & S. 40° E. descend.
39.50 Cross Gulch, 20 lks. wide, Course N. 20° W. and ascend.
40.00 Set a sand stone 18 x 5 x 3 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 15 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.

W. B. T. 25 N. R. 55 W. 6th. P. M.

Chains.

50.00 Top of hill bears N. W. & S. E. and descend.
66.70 Cross Gulch, 17 lks. wide, Course N. W. and ascend.
76.00 Top of Spur, bears E. & W. and descend.
80.00 Set a sand stone 25 x 20 x 4 ins. 18 ins. in the ground for bca. to secs. 18-19-13-24 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 hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

North on a true line between sections 13-18.
Va. 15° 45' East.

Ascend.
30.00 Top of hill bears E. & W. and descend.
40.00 Set a sand stone 17 x 6 x 4 ins., 12 ins. in the ground, for ¼ Sec. bca., 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

W. B. T. 25 N. R. 55 W. 6th. P. M.

Chains.

of earth 1½ ft. high, 3½ ft. base.
79.50 Cross Gulch, 15 lks. wide, Course S. 30° E. and ascend.
80.00 Set a sand stone 9 x 7 x 6 ins. 6 ins. in the ground for bca. to secs. 12-13-7-18 marked with 4 notches on S. and 2 notches on N. edges, dug pits 17 x 18 x 12 ins. in each sec, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
Land hilly.
Soil 2d. & 3d. rate.
Vegetation Bunchgrass.

North on a true line between sections 7-12.
Va. 15° 45' East.
40.00 Set a lime stone 17 x 6 x 4 ins., 12 ins. in the ground, for ¼ Sec. bca., 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.
73.00 Cross Gulch, 16 lks. wide, Course S. 50° E.

Chains.

and ascend.

80.00 Set a sand stone 12x9x7ins. 8ins. in the ground for bca. to Secs. 6-7-1-12 marked with 5 notches on E. and 1 notch on W. Edge, dug pits 18x18x12ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2ft. high, 4½ ft. base.

Land rolling.

Soil 2d. & 3d. rate.

Vegetation Bunchgrass.

North on a true line between sections 1-6.

Va. 15° 45' East.

Ascend.

14.00 Top of hill bears E. & W. and descend.

19.00 Cross low Sag and ascend.

22.00 Top of hill bears E. & W. and descend.

40.00 Set a sand stone 12x9x3ins., 8ins. in the ground, for ¼ Sec. bca., marked ¼ on W. face, dug pits, 18x18x12ins., E. and W. of stone 5½ ft. dist., and raised a mound

Chains.

of earth 1½ ft. high, 3½ ft. base.

55.00 Cross Gulch, 12lks. wide, Course S. 50° W.

and ascend.

66.00 Top of hill bears E. & W. and descend.

74.00 Cross low Sag and ascend.

80.00 Set a sand stone 16x11x3ins. 10ins. in the ground, for bca. to Tps. 25 and 26 N. Rs. 55 and 56 W., marked with 6 notches on each edge, dug pits, 24x18x12ins. lengthwise on each line N. S. E. and W. of stone 6ft. dist., and raised a mound of earth 2½ ft. high, 5ft. base.

The bca. to Tps. 25 & 26 N. Rs. 55 & 56 W.

Land hilly.

Soil 3d. rate.

Vegetation Bunchgrass.

June 29. 1881.

T. 25 N. R. 55 W. 6th. P. M.

Chains.

Before proceeding further with the exterior of this Tp., I made a change of 6 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 latitude 42° 16' N. thence From the Cor. to Tps. 25 & 26 N., Rs. 55 & 56 W. I run

East on a random line on N. B. of Tp.
Va. 15° 45' East.

Set temporary corners at every half mile, and at 6 miles 24 chs. I arrive at a point 29 links South of Cor. to Tps. 25 & 26 N. Rs. 54 & 55 W. which is a mound and pits, with post in S. E. pit from which corner I run

S. 89 30' W. on a true line between sections 1 & 36.
Va. 15° 45' East.

Ascend.

T. 25 N. R. 55 W. 6th. P. M.

Chains.

0.00	Top of Hill bears N. & S. and descend.
40.00	Set a sand stone 17 x 16 x 14 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 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.
64.00	Cross Gulch, 12 lks. wide, Course South and ascend.
76.00	Top of Hill bears N. & S. and descend.
80.00	Set a sand stone 9 x 7 x 8 ins. 6 ins. in the ground for Cor. to Secs. 1-2-35-36 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 hilly.
Soil 3rd rate.
Vegetation Bunchgrass.

T. B. T. 25 N. R. 55 W. 6th. P. M.

Chains.

S. 89° 39' W. on a true line between sections 2-35.
Va. 15° 45' East.

Descend.

8.00 Cross Gulch, 14 lks. wide, Course S. 60° E. and ascend.

20.00 Enter Flat bears N.W. & S.E.

40.00 Set a sand stone 17 x 16 x 13 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., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

80.00 Set a sand stone 18 x 14 x 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. edge, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base.

Land hilly.

Soil 3rd rate.

Vegetation Bunchgrass.

T. B. T. 25 N. R. 55 W. 6th. P. M.

Chains.

S. 89° 39' W. on a true line between sections 3-34.
Va. 15° 45' East.

Over level land.

9.00 Leave Flat bears N. & S. and ascend.

10.50 Top of Spur, bears N. & S. and descend.

40.00 Set a sand stone 8 x 14 x 3 ins., 14 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

45.00 Cross low Sag and ascend.

80.00 Set a sand stone 17 x 9 x 8 ins. 12 ins. in the ground for Cor. to Secs. 3-4-33-34 marked with 3 notches on W. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land hilly.

Soil 3rd rate.

Vegetation Bunchgrass.

A. B. T. 25 N. R. 55 W. 6th. P. M.

Chains.

S. 89° 39' W. on a true line between sections 4-33.
Va. 15° 45' East.

Ascend.

20.00 Top of Hill bears N. & S. and descend.
40.00 Set a sand stone 17 x 8 x 4 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on S. face, and raised a mound of stone. Pits impracticable.
54.00 Cross low Sag and ascend.
73.00 Top of Hill bears N. & S. and descend.
80.00 Set a sand stone 9 x 8 x 6 ins. 6 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., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.
in low Sag.
Land hilly.
Soil 3rd. rate.
Vegetation Bunchgrass.

A. B. T. 25 N. R. 55 W. 6th. P. M.

Chains.

S. 89° 39' W. on a true line between sections 5 & 32.
Va. 15° 45' East.

Ascend.

30.00 Top of Hill bears N. & S. and descend.
40.00 Set a sand stone 12 x 6 x 7 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., W. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
42.00 Cross low Sag and ascend.
50.00 Top of Spur, bears N. & S. and descend.
65.50 Cross Gulch, 12 lks. wide, Course N. 40° W. & ascend.
67.00 Top of Spur, bears N. & S. and descend.
77.50 Cross Gulch, 20 lks. wide, Course S. 40° W. & ascend.
79.00 Top of Spur, bears N. & S. and descend.
80.00 Set a sand stone 16 x 9 x 8 ins. 10 ins. in the ground for Cor. to Secs. 5-6-31-32 marked with 1 notch on W. and 5 notches on E. edge, and raised a mound of stone. Pits impracticable.
Land mountainous. Soil 3rd. rate.
Vegetation Bunchgrass

N. B. T. 25 N. R. 55 W. 6th. P. M.

Chains.

S. 89° 39' W. on a true line between sections 6 & 31.
Va. 15° 45' East.

Descend.

12.00 Cross Gulch, 30 lks. wide, Course South and ascend.
22.00 Top of Hill bears N. & S. and descend.
35.00 Cross Gulch, 20 lks. wide, Course S. 20° W. and ascend.
46.00 Set a sand stone 12 x 6 x 4 ins., 5 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 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.
49.00 Top of Hill bears N. & S. and descend.
67.00 Cross Gulch, 20 lks. wide, Course South and ascend.
71.00 Top of Hill bears N. & S. and descend.
82.41 The Cor. to Tps. 25 & 26 N. Rs. 55 & 56 W.

Land hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

June 30. 1887.

N. B. T. 25 N. R. 56 W. 6th. P. M.

Chains.

From the Cor. to Tps. 25 & 26 N. Rs. 55 & 56 W. Run West on a random line on N. B. of Tp.
Va. 15° 45' East.

Set temporary corners, at every half mile, and at 6 miles 0.77 chs. Do arrive at a point 15 lks. North of Cor. to Tps. 25 & 26 N. Rs. 56 & 57 W. which is a limestone 17 x 12 x 6 ins. with mound and pits from which cause, Run N. 89° 59' E. on a true line between sections 6 & 31.

Va. 16° East.

Ascend.

1.00 Top of hill bears N. & S. and descend.
16.00 Cross Gulch, 20 lks. wide, Course S. E. and ascend.
~~24.00~~ 21.00 Top of hill bears N. & S. and descend.
27.00 Cross Gulch, 20 lks. wide, Course S. E. and ascend.
46.78 Set a sand stone 17 x 6 x 3 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 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.

N. B. T. 25 N. R. 56 W. 6th. P. M.

Chains.

53.00 Cross Gulch, 8 lks. wide, Course South.
61.00 Top of hill bears W. & E. and descend.
80.78 Set a sand stone 19x8x6 ins. 12 ins. in the ground for cor. to Secs. 5-6-31-32 marked with 1 notch on W. and 5 notches on E. edges, dug pits 18x18x12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
Land hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

N. 89° 59' E. on a true line between sections 5-32.
Va. 15° 45' East.

Ascend.
17.00 Top of hill bears N.W. & S.E. and descend.
22.00 Cross Gulch, 20 lks. wide, Course N.W. and ascend.
40.00 Set a sand stone 17x6x11 ins., 12 ins. in the ground, for ¼ Sec. cor., marked 1 on N. face, dug pits, 18x18x12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of,

N. B. T. 25 N. R. 56 W. 6th. P. M.

Chains.

earth 1½ ft. high, 3½ ft. base.
49.00 Top of hill bears N. & S. and descend.
67.00 Cross low Sag and ascend.
80.00 Set a sand stone 12x9x7 ins. 8 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 18x18x12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
Land hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

N. 89° 59' E. on a true line between sections 4-33.
Va. 15° 45' East.

Ascend.
25.50 Top of hill bears N. & S. and descend.
40.00 Set a sand stone 17x6x11 ins., 12 ins. in the ground, for ¼ Sec. cor., marked 1 on N. face, dug pits, 18x18x12 ins., N. and S. of stone 5½ ft. dist., and raised a mound

N. B. T. 25 N. R. 56 W. 6th. P. M.

Chains.

of earth 1½ ft. high, 3½ ft. base.
in low Sag and ascend.
49.50 Top of Spur, bears N. & S. and descend.
56.00 Cross Gulch, 40 lks. wide, Course S. 20° E. and ascend.
63.00 Top of hill bears N.W. & E. and descend
70.00 Cross Gulch, 50 lks. wide, Course S. 30° E. and ascend.
80.00 Set a line stone 9 x 8 x 4 ins. 6 ins. in the ground for Cor. to Secs. 3-4-33-34 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 hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

N. 79° 59' E. on a true line between sections 3-34.
Va. 15° 45' East.

Ascend.

N. B. T. 25 N. R. 56 W. 6th. P. M.

Chains.

4.00 Top of hill bears N.W. & S.E. and descend.
15.00 Cross low Sag and ascend.
37.00 Top of hill bears N. & S. and descend.
40.00 Set a sand stone 17 x 6 x 4 ins. 12 ins. in the ground, for ¼ Sec. Cor., marked for W. face, dug pits, 18 x 18 x 12 ins., E. and W. of Stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. in low Sag and ascend.
43.00 Top of hill bears N. & S. and descend.
50.00 Cross low Sag and ascend.
80.00 Set a sand stone 11 x 9 x 6 ins. 7 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 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
Land hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

T. R. T. 25 N. R. 56 W. 6th. P. M.

Chains.

N. 89° 59' E. on a true line between sections 2-35.
Va. 15° 45' East.

Descend.

17.00 Cross Gulch, 20 lks. wide, Course S. 40° E. and ascend.
27.00 Top of Spur, bears S. 20° W. & N. 20° E. and descend.
37.00 Cross low Sag and ascend.
40.00 Set a sand stone 18 x 14 6 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., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
57.00 Cross Gulch, 25 lks. wide, Course S. 30° E.
62.00 Top of hill bears N. & S. and descend.
80.00 Set a line stone 19 x 14 x 6 ins. 12 ins. in the ground for Cor. to Secs. 1-2-35-36 marked with 5 notches on W. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land hilly. Soil 3rd. rate.
Vegetation Bunchgrass.

T. R. T. 25 N. R. 56 W. 6th. P. M.

Chains.

N. 89° 59' E. on a true line between sections 1-36.
Va. 15° 45' East.

Descend.

1.00 Cross low Sag and ascend.
5.00 Top of Spur, bears N. & S. and descend.
12.00 Cross Gulch, 50 lks. wide, Course S. 20° W.
40.00 Set a sand stone 14 x 10 x 8 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
63.00 Cross low Sag and ascend.
70.00 Top of hill bears N. & S. and descend.
80.00 The Cor. to Tps. 25 & 26 N. Rs. 55 & 56 W.

Land hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

W. B. T. 26 N. R. 55 W. 6th. P. M.

Chains.

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

Ascend.

5.50 Top of hill bears N. 20° W. & S. 20° E. and descend.
12.00 Cross low Sag and ascend.
21.00 Top of hill bears E. & W. and descend.
25.41 Cross Gulch, 5 lks. wide, Course S. 35° E. and ascend.
38.50 Top of Spur, bears E. & W. and descend.
40.00 Set a sand stone 14 x 12 x 8 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 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.
52.60 Cross Gulch, 6 lks. wide, Course S. 18° E. and ascends.
62.00 Top of hill bears E. & W. and descend.
71.00 Cross low Sag and ascend.
80.00 Set a sand stone 12 x 9 x 8 ins., 8 ins. in the ground for Cor. to Secs. 30-31-25-36 marked with 1 notch on S. and 5 notches on N. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

W. B. T. 26 N. R. 55 W. 6th. P. M.

Chains

Land hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

North, on a true line between sections 25-30.
Va. 15° 45' East.

Ascend.

40.00 Set a sand stone 11 x 9 x 4 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 ft. high, 3 1/2 ft. base.
65.00 Top of hill bears N. 70° W. & S. 70° E. and descend.
70.00 Set a sand stone 12 x 8 x 5 ins., 8 ins. in the ground for Cor. to Secs. 24-25-19-30 marked with 2 notches on S. and 4 notches on N. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.
Land hilly. Soil 3d. rate.
Vegetation Bunchgrass.

W. W. B. T. 26 N. R. 55 W. 6th. P. M.

Chains.

North, on a true line between sections 19-24.
Va. 15° 45' East.

Descend.

10.00 Enter Flat bears N. 80° W. & S. 80° E.
21.00 Leave Flat bears N. 80° W. & S. 80° E. and ascend.
39.00 Top of hill bears N. 40° W. & S. 40° E. and descend.
40.00 Set a sandstone 11 x 6 & 3 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 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.
49.00 Cross low Sag and ascend.
54.00 Top of hill bears S. 40° E. & N. 40° W. and descend.
67.00 Cross low Sag and ascend.
80.00 Set a lime stone 9 x 9 & 7 ins. 6 ins. in the ground for Cor. to Secs. 18-19-13-24 marked with 3 notches on S. and 3 notches on W. edge, dug pits 18 x 18 & 12 ins. in each sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
Land level & hilly. Soil 2d. & 3d. rate.
Vegetation Bunchgrass.

W. W. B. T. 26 N. R. 55 W. 6th. P. M.

Chains.

North, on a true line between sections 13-18.
Va. 15° 45' East.

Ascend.

8.00 Top of hill bears N. 40° W. & S. 40° E. and descend.
26.00 Cross low Sag and ascend.
40.00 Set a sandstone 11 x 10 & 6 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 & 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
46.00 Top of hill bears N. 50° W. & S. 50° E. and descend.
68.00 Cross low Sag and ascend.
80.00 Set a sandstone 12 x 7 & 4 ins. 8 ins. in the ground for Cor. to Secs. 12-13-7-18 marked with 4 notches on S. and 2 notches on W. edges, dug pits 18 x 18 & 12 ins. in each sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
Land hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

W. B. T. 26 N. R. 55 W. 6th. P. M.

Chains.

North on a true line between sections 7-12
Va. 15° 45' East.

Descend.

34.00 Cross low Sag and ascend.

39.00 Top of Spur, bears E. & W. and descend.

40.00 Set a sand stone 12x8x7 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 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.

70.00 Enter Flat bears E. & W.

80.00 Set a sand stone 13x7x3 ins. 8 ins. in the ground for Cor. to Secs. 6-7-1-12 marked with 5 notches on S. and 1 notch on N. edges, 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.

Land mountainous.

Soil 3d. rate.

Vegetation Bunch grass.

W. B. T. 26 N. R. 55 W. 6th. P. M.

Chains.

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

Over level ground.

40.00 Set a sand stone 11x9x7 ins, 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

58.00 Leave Flat bears E. & W. and ascend.

80.00 Set a sand stone 12x8x8 ins. 8 ins. in the ground for Cor. to Tps. 26 and 27 N. Rs. 55 and 56 W., marked with 6 notches on each edge, dug pits, 24x18x12 ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth 2 1/2 ft. high, 5 ft. base.

Land level. Soil 2d. rate.

Vegetation Bunch grass.

Carefully examined the adjustments of my Solar compass today, particularly the latitude and pressing apparatus, and found them correct.

July 1. 1887.

W. A. B. T. 26 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 instruments by reversing latitude 42° 15' N. thence

From the Cor. to Tps. 26 & 27 N. Rs. 55 & 56 W. Ins. East on a random line on N. B. of Tp.

Va. 15° 30' East.

I set temporary corners at every half mile, and at 6 miles 2.65 chs. I arrive at a point 348 lks. South of Cor. to Tps. 26 & 27 N. Rs. 54 & 55 W. which is a mound and pits with post in S. E. pit, from which corner, I run S. 89° ~~31~~ 35' W. on a true line between sections 1 & 36.

Va. 15° 45' East.

Ascend.

40.00 Set a sand stone 16 x 4 x 5 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N.

A. B. T. 26 N. R. 55 W. 6th. P. M.

Chains.

face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

50.00 Top of hill bears N. W. & S. E. and descend.

77.00 Cross low Sag and ascend.

80.00 Set a sand stone 18 x 6 x 4 ins. 12 ins. in the ground for Cor. to Secs. 1-2-35-36 marked with 5 notches on W. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land hilly.

Soil 3d. rate.

Vegetation Bunchgrass.

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

Va. 15° 45' East.

Descend.

25.00 Cross low Sag and ascend.

40.00 Set a sand stone 10 x 8 x 4 ins., 6 ins. in

N. P. T. 26 N. R. 55 W. 6th. P. M.

Chains.

the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

56.00 Top of hill bears N. 20° W. & S. 20° E. and descend.

71.00 Enter Flat bears N. 20° W. & S. 20° E.

80.00 Set a sand stone 12 x 7 x 5 ins. 8 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 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land hilly except in flat.

Soil 3d. rate.

Vegetation Bunchgrass.

S. 89° 35' W. on a true line between sections 3-34.

Va. 15° 45' East.

10.00 Leave Flat bears N. 50° W. & S. 50° E. and ascend.

17.00 Top of hill bears N. 30° W. & S. 30° E. and descend.

40.00 Set a sand stone 13 x 9 x 6 ins., 8 ins. in the

N. P. T. 26 N. R. 55 W. 6th. P. M.

Chains.

ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

71.00 Cross low Sag and ascend.

80.00 Set a sand stone 11 x 9 x 6 ins. 8 ins. in the ground for Cor. to secs. 3-4-33-34 marked with 3 notches on W. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land hilly.

Soil 3d. rate.

Vegetation Bunchgrass.

S. 89° 35' W. on a true line between sections 4-33.

Va. 15° 40' East.

Ascend.

7.00 Top of hill bears N. & S. and descend.

22.80 Cross low Sag and ascend.

40.00 Set a sand stone 13 x 9 x 5 ins., 8 ins. in the

N. B. T. 26 N. R. 55 W. 6th. P. M.

Chains.

ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

55.00 Top of hill bears N. & S. and descend.

67.00 Cross low Sag and ascend.

69.00 Edge of table land bears N. 40° W. & S. 40° E.

80.00 Set a sand stone 11x8x7 ins. 8 ins. in the ground for Cor. to Secs., 4-5-32-33 marked with 4 notches on W. and 2 notches on E. edges, 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.

Land hilly.

Soil 3d. rate.

Vegetation Bunchgrass.

S. 89° 35' W. on a true line between sections 5-32.

Va. 15° 40' East.

Over level ground.

40.00 Set a sand stone 9x8x6 ins., 6 ins. in the

N. B. T. 26 N. R. 55 W. 6th. P. M.

Chains.

ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

80.00 Set a sand stone 18x6x4 ins. 12 ins. in the ground for Cor. to Secs. 5-6-31-32 marked with 5 notches on W. and 1 notch on E. edges, 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.

Land level.

Soil 2d. rate.

Vegetation Bunchgrass.

S. 89° 35' W. on a true line between sections 6-31.

Va. 15° 30' East.

16.00 Leave Flat bears N. 30° E. & S. 30° W. and ascend.

40.00 Set a sand stone 12x9x7 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. and S.

N. B. T. 26 N. R. 55 W. 6th. P. M.

Chains.

of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

82.65 The Cor. to Tps. 26 & 27 N. Rs. 55 & 56 W.

Land level.

Soil 2d. rate.

Vegetation Bunchgrass.

July 2. 1881.

N. B. T. 26 N. R. 56 W. 6th. P. M.

Chains.

From the Cor. to Tps. 26 & 27 N., Rs. 55 & 56 W. I run West on a random line on N. B. of Tp.

Va. 15° 30' East.

I set temporary corners at every half mile, and at 5 miles 79.28 chs. I arrive at a point ½ lks. South of Cor. to Tps. 26 & 27 N. Rs. 56 & 57 W. which is a mound and pits with post in S.E. pit from which corner, I run S. 89° 55' E. on a true line between sections 6 & 31.

Va. 15° 30' East.

Ascend.

39.28 Set a sand stone 18 x 11 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 of earth 1½ ft. high, 3½ ft. base

67.00 Top of Spur, bears N. & S. and descend.

69.90 Cross Creek, 40 lks. wide, Course North and ascend.

79.28 Set a granite stone 13 x 11 x 4 ins. 8 ins. in the ground for Cor. to Secs. 5-6-31-32 marked with 1 notch on W. and 5 notches

N. B. T. 26 N. R. 56 W. 6 th. P. M.

Chains.

- 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 3d. rate.
Vegetation Bunchgrass.

S. 89° 55' E. on a true line between sections 5-32.
Va. 15° 30' East.

Descend.

5.80 Cross Gulch, 100 lks. wide, Course North and ascend.
36.40 Top of Spur, bears N. & S. and descend.
40.00 Set a sand stone 15 x 10 x 7 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
46.00 Cross Gulch, 20 lks. wide, Course North and ascend.
54.00 Top of hill bears N. & S. and descend.
73.00 Leave Hills & enter rolling land.
80.00 Set a sand stone 16 x 11 x 8 ins. 10 ins. in the

N. B. T. 26 N. R. 56 W. 6 th. P. M.

Chains.

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 mountainous.
Soil 3d. rate.
Vegetation Bunchgrass.

S. 89° 55' E. on a true line between sections 4-33.
Va. 15° East.

40.00 Set a sand stone 17 x 7 x 5 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 17 x 14 x 10 ins. 12 ins. in the ground for Cor. to Secs. 3-4-33-34 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.

W. N. B. T. 26 N. R. 56 W. 6th. P. M.

C. Chains.

high, 4½ ft. base.
Land level.
Soil 2d. rate.
Vegetation Bunchgrass.

S. 89° 55' E. on a true line between sections 3-34.
Va. 15° 12' East.

Over rolling ground.

40.00 Set a sand stone 17 x 12 x 9 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.

61.20 Top of Spur, bears N. & S. and descend.

76.00 Cross low Sag and ascend.

80.00 Set a sand stone 11 x 9 x 8 ins. 8 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 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. 26 N. R. 56 W. 6th. P. M.

Chains.

Land rolling & hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

S. 89° 55' E. on a true line between sections 2-35.
Va. 16° East.

Ascend.

26.00 Top of hill bears N. 25° W. & S. 25° E. and descend.

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.

59.00 Enter Flat bears N. & S.

64.00 Leave Flat bears N. & S. and ascend.

68.00 Top of hill bears N. 15° W. & S. 15° E. and descend.

80.00 Set a sand stone 14 x 12 x 7 ins. 10 ins. in the ground for Cor. to Secs. 1-2-35-36 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

W. B. T. 26 N. R. 56 W. 6th. P. M.

Chains.

earth 2 ft. high, 4½ ft. base.
Land hilly except in flat.
Soil 3d. rate.
Vegetation Bunchgrass.

S. 89° 55' E. on a true line between sections 1-36.
Va. 15° 27' East.

2.00 Enter Flat bears N. & S.
11.00 Leave Flat bears N. & S. and ascend.
40.00 Set a sand stone 17 x 6 x 5 ins., 12 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.
68.00 Top of hill bears N. & S. and descend.
80.00 The Cor. to Tps. 26 & 27 N. Rs. 55 & 56 W.
Land level & hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

W. B. T. 27 N. R. 55 W. 6th. P. M.

Chains.

North on a true line between sections 31-36.
Va. 15° 30' East.

40.00 Set a sand stone 14 x 14 x 4 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00 Set a sand stone 14 x 14 x 7 ins. 10 ins. in the ground for Cor. to Secs. 30-31-25-36 marked 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.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.

North on a true line between sections 25-30.
Va. 15° 30' East.

Ascend.
32.00 Top of hill bears E. & W. and descend.

W. B. T. 27 N. R. 55 W. 6th. P. M.

Chains.

40.00 Set a sand stone 14x10 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 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.

45.00 Cross Creek, 18 lks wide, Course N. W. and sand.

80.00 Set a sand stone 14x12x9 ins. 10 ins. in the ground for Cor. to Secs. 24-25-19-30 marked with 2 notches on S. and 4 notches on N. edges, 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.

Land hilly.

Soil 3d. rate.

Vegetation Bunchgrass.

North on a true line between sections 19-24.

Va. 15° 12' East.

Over rolling ground.

40.00 Set a sand stone 14x14x11 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W.

W. B. T. 27 N. R. 55 W. 6th. P. M.

Chains.

face, dug pits, 18x18x12 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.

80.00 Set a sand stone 14x14x5 ins. 10 ins. in the ground for Cor. to Secs. 18-19-13-24 marked with 3 notches on S. and 3 notches on N. edges, 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.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

North on a true line between sections 13-18.

Va. 15° 15' East.

Over rolling ground.

40.00 Set a sand stone 17x7x7 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 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.

W. B. T. 27 N. R. 55 W. 6th. P. M.

Chains.

80.00 Set a sand stone 12 x 4 x 4 ins. 8 ins. in the ground for Cor. to Secs. 12-13-7-18 marked 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.
Land rolling.
Soil 2d. & 3d. rate.
Vegetation Bunchgrass.

North on a true line between sections 7-12.
Va. 15° 15' East.
Over rolling ground.

40.00 Set a sand stone 9 x 9 x 3 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a sand stone 14 x 9 x 4 ins. 10 ins. in the ground for Cor. to Secs. 6-7-1-12 marked with 5 notches on S. and 1 notch on N. edges,

W. B. T. 27 N. R. 55 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.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.

North on a true line between sections 1-6.
Va. 15° 15' East.
Over rolling ground.

40.00 Set a sand stone 11 x 4 x 4 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a sand stone 13 x 12 x 9 ins. 8 ins. in the ground, for Cor. to Tps. 27 and 28 N. R's 55 and 56 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

N. B. T. 27 N. R. 55 W. 6th. P. M.

Chains.

of earth 2½ ft. high, 5 ft. base.
The Cor. to Tps. 27 & 28 N. Rs. 55 & 56 W.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.
I carefully examined the adjustments of my solar compass today, particularly the latitude and reversing apparatus, and found them correct.

July 4. 1881.

N. B. T. 27 N. R. 55 W. 6th. P. M.

Chains.

Before proceeding further with the exterior 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 latitude 42° 20' N. Thence
From the Cor. to Tps. 27 & 28 N., Rs. 55 & 56 W. I run East, on a random line on N. B. of Tp.
Va. 15° 30' East.
I set temporary corners, at every half mile, and, at 5 miles 79.76 chs. I arrive at a point 25 lks. South of Cor. to Tps. 27 & 28 N. Rs. 54 & 55 W. which is a mound and pits with post in S.E. pit from which corner, I run
S. 89° 42' W. on true line between sections 1 & 36.
Va. 15° 18' East.
Ascend.
12.50 Top of Spur, bears N. W. & S.E. and descend.

N. B. T. 27 N. R. 55 W. 6th. P. M.

Chains.

40.00 Set a sand stone 11 x 9 x 7 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

64.60 Cross Gulch, 60 lks. wide, Course S. 80° E. and ascen

80.00 Set a sand stone 12 x 10 x 9 ins. 8 ins. in the ground for Cor. to Secs. 1-2-35-36 marked with 5 notches on W. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land hilly.

Soil 3d. rate.

Vegetation Bunchgrass.

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

Va. 15° 18' East.

Over rolling ground.

40.00 Set a sand stone 11 x 8 x 5 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on

N. B. T. 27 N. R. 55 W. 6th. P. M.

Chains

N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

80.00 Set a sand stone 12 x 10 x 9 ins. 8 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 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

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

Va. 15° 18' East.

Over rolling ground.

40.00 Set a sand stone 20 x 16 x 14 ins., 15 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

W. N. B. T. 27 N. R. 55 W. 6th. P. M.

Chains.

40.60 Top of Spur, bears N. W. & S. E. and descend.

80.00 Set a sand stone 9 x 8 x 5 ins. 6 ins. in the ground for Cor. to Secs. 3-4-33-34 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 2d. & 3d. rate.

Vegetation Bunchgrass.

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

Va. 15° 18' East.

Over rolling ground.

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

80.00 Set a sand stone 11 x 9 x 5 ins. 8 ins. in the ground for Cor. to Secs. ~~3-4-33-34~~ 4, 5, 32 & 33 marked

N. B. T. 27 N. R. 55 W. 6th. P. M.

Chains.

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 3d. rate.

Vegetation Bunchgrass.

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

Va. 15° 30' East.

Over rolling ground.

40.00 Set a sand stone 18 x 6 x 5 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 14 x 11 x 9 ins., 10 ins. in the ground for Cor. to Secs. ~~4-5-32-33~~ 5-6, 31 & 32 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.

W. N. B. T. 27 N. R. 55 W. 6th. P. M.

Chains.

high, 4½ ft. base.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.

S. 89° 42' W. on a true line between sections 6-31.
Va. 16° East.

Over rolling ground.

11.70 Cross Gulch, 60 lks. wide, Course N. 45° W. and ascend.

40.00 Set a sand stone 9 x 8 x 3 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.76 The Cor. to Tps. 27 & 28 N. Rs. 55 & 56 W.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.

July 5. 1881.

N. B. T. 27 N. R. 56 W. 6th. P. M.

Chains.

From the Cor. to Tps. 27 & 28 N., Rs. 55 & 56 W. I run West on a random line on N. B. of Tp.
Va. 15° 30' East.

I set temporary corners at every half mile, and at 5 miles 78.12 chs. I arrive at a point 156 lks. North of Cor. to Tps. 27 & 28 N. Rs. 56 & 57 W. which is a mound and pits with post in S.E. pit from which corner I run N. 89° ~~45'~~ 49' E. on a true line between sections 6 & 31.
Va. 16° 31' East.

Ascend.

38.12 Set a sand stone 13 x 8 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.

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

78.12 Set a sand stone 12 x 4 x 5 ins. 8 ins. in the ground for Cor. to Secs. 5-6-31-32 marked with 1 notch on W. and 5 notches on E.

A. B. T. 27 N. R. 56 W. 6 th. P. M.

Chains.

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 3d. rate.
Vegetation Bunchgrass.

N. 89° ~~45~~ 49' E. on a true line between sections 5-32.
Va. 16° East.

Ascend.

17.00 Top of Spur, bears N. & S. and descend.
29.60 Cross Road, bears N. 45° E. & S. 45° W. in low Sag and ascend.
40.00 Set a sand stone 10 x 8 x 4 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
67.00 Top of Spur, bears N. & S. and descend.
80.00 Set a sand stone 12 x 8 x 5 ins. 8 ins. in the ground for Cor. to Secs. 4-5-32-33 marked

A. B. T. 27 N. R. 56 W. 6 th. P. M.

Chains.

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 mountainous.
Soil 3d. rate.
Vegetation Bunchgrass.

S. 89° ~~45~~ 49' E. on a true line between sections 4-33.
Va. 16° East.

Ascend.

40.00 Set a sand stone 18 x 7 x 4 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.
44.00 Top of Ridge, bears N. W. & S. E. and descend.
80.00 Set a granite stone 11 x 9 x 6 ins. 8 ins. in the ground for Cor. to Secs. 3-4-33-34 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.

A. B. T. 27 N. R. 56 W. 6th. P. M.

Chains.

dist., and raised a mound of earth 2 ft. high, 1½ ft. base.
Land mountainous.
Soil 3d. rate.
Vegetation Bunchgrass.

N. 89° ~~45'~~ 49' E. on a true line between sections 3-34.
Va. 15° 30' East.

Over rolling ground.

40.00 Set a sand stone 10 x 8 x 4 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of Stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a sand stone 11 x 8 x 4 ins. 8 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 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.

A. B. T. 27 N. R. 56 W. 6th. P. M.

Chains.

Soil 3d. rate.
Vegetation Bunchgrass.

N. 89° ~~45'~~ 49' E. on a true line between sections 2-35.
Va. 15° 45' East.

Over rolling ground.

40.00 Set a sand stone 18 x 14 x 2 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 12 x 8 x 4 ins. 8 ins. in the ground for Cor. to Secs. 1-2-35-36 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 2d. & 3d. rate.
Vegetation Bunchgrass.

N. B. T. 27 N. R. 56 W. 6th. P. M.

Chains.

N. 89° 48' 29" E. on a true line between sections 1-36.

Va. 16° 30' East.

40.00 Set a line stone 16 x 14 x 3 ins., 18 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of Stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

80.00 The Cor. to Tps. 27 & 28 N. Rs. 55 & 56 W.

Land rolling.

Stil 3d. rate.

Vegetation Bunchgrass.

N. B. T. 28 N. R. 55 W. 6th. P. M.

Chains.

North, on a true line between sections 31-36.

Va. 15° 30' East.

Descend.

40.00 Set a sand stone 10 x 8 x 5 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 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.

50.00 Enter Flat bear E. & W.

80.00 Set a sand stone 9 x 8 x 6 ins. 6 ins. in the ground for Cor. to Secs. 30-31-25-36 marked with 1 notch on S. and 5 notches on N. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Stil 3d. rate.

Vegetation Bunchgrass.

W. B. T. 28 N. R. 55 W. 6th. P. M.

Chains.

North, on a true line between sections 25-30.
Va. 15° 45' East.

34.00 Cross low Sag and ascend.

40.00 Set a sand stone 12x11x10 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

61.30 Top of Spur, bears N. 20° W. & S. 20° E. and descend.

80.00 Set a sand stone 14x8x5 ins. 10 ins. in the ground for Cor. to Secs. 24-25-19-30 marked with 2 notches on S. and 4 notches on N. edges, dug pits 18x18x12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

North, on a true line between sections 19-24.
Va. 16° East.

W. B. T. 28 N. R. 55 W. 6th. P. M.

Chains.

Descend.

10.00 Cross low Sag and ascend.

32.00 Top of Spur, bears N. 50° W. & S. 50° E. and descend.

40.00 Set a sand stone 10x9x5 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

42.00 Cross low Sag and ascend.

53.00 Ledge of Rock bears West 150 lks. dist.

80.00 Set a sand stone 10x9x5 ins. 6 ins. in the ground for Cor. to Secs. 18-19-13-24 marked with 3 notches on S. and 3 notches on N. edges, dug pits 18x18x12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land mountainous.

Soil 3d. rate.

Vegetation Bunchgrass.

W. B. T. 28 N. R. 55 W. 6th. P. M.

Chains.

North on a true line between sections 13-18.
Va. 16° 5' East.

Descend.

40.00 Set a sand stone 10 x 8 x 5 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 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.

46.00 Cross Gulch 50 lks. wide, Course S. 60° E. and ascend.

80.00 Set a sand stone 11 x 8 x 6 ins. 8 ins. in the ground for Cor. to Secs. 12-13-7-18 marked with 4 notches on S. and 2 notches on N. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 2d. & 3d. rate.

Vegetation Bunchgrass.

North on a true line between sections 7-12.
Va. 16° East.

W. B. T. 28 N. R. 55 W. 6th. P. M.

Chains.

Descend.

12.96 Cross Gulch, 60 lks. wide, Course N. 40° W. and ascend.

27.00 Top of Spur, bears N. 20° W. & S. 20° E. and descend.

40.00 Set a sand stone 10 x 8 x 5 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 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.
in low Sag and ascend.

57.00 Top of Spur, bears S. 80° E. & N. 80° W. and descend.

67.00 Cross low Sag and ascend.

72.00 Cross Gulch, 30 lks. wide, Course N. 25° E.

80.00 Set a post 4 ft. long. 8 ins. square. 12 ins. in the ground, for Cor. to Secs. 6-7-1-12 marked T. 28 N. S. 6. on N. E., R. 55 W. S. 7 on S. E., 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., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

W. B. T. 28 N. R. 55 W. 6th. P. M.

Chains.

On E. Grahams House bears N. 16¼ E. 15.20 lks. dist.
Land mountainous.
Fil 3d. rate.
Vegetation Bunchgrass.

North on a true line between sections 1-6.
Va. 16° 30' East.

Descend.

7.41 Cross Gulch, 50 lks. wide, course S. 83° E.
30.50 Cross Road, bears N. 60° W. & S. 60° E.
35.00 Leave Valley, bears E. & W. and ascend.
40.00 Set a sand stone 20 x 15 x 9 ins., 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, and raised a mound of stone. Pits impracticable.
52.00 Cross Gulch, 10 lks. wide, course S. 20° E.
78.10 Intersect fourth Standard Parallel North 8.59 chs. West of Standard Cor. to Secs. 32 and 33 Ts. 29 N. Rs. 55 ~~56~~ W. which is a limestone 14 x 6 x 2 ins. with mound & pits and

W. B. T. 28 N. R. 55 W. 6th. P. M.

Chains.

Set a lime stone 18 x 12 x 9 ins. 12 ins. in the ground for Closing Cor. to Tps. 28 N., Rs. 55 and 56 W., marked C. C. with 6 notches on S. E. W. edges, and raised a mound of stone. Pits impracticable.
Land rolling.
Fil 3d. rate.
Vegetation Bunchgrass.
I carefully examined the adjustments of my solar compass today, particularly the latitude and reversing apparatus, and found them correct.

July 6. 1881.

W. B. T. 25 N. R. 57 W. 6th. P. M.

Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 16 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 thence.

From the Standard Cor. to Tps. 25 N. Rs. 57 & 58 W. which is a mound and pits, with post in E. pit I run

North on a true line between sections 31-36.
Va. 15° 30' East.

Over rolling ground.

40.00 Set a granite stone 18 x 6 x 6 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 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.

69.61 Cross Creek, spoonhole Cr. 10 lks. wide, Course S. 40° E.

80.00 Set a granite stone 16 x 4 x 4 ins. 10 ins. in

W. B. T. 25 N. R. 57 W. 6th. P. M.

Chains.

the ground for Cor. to Secs. 30-31-25-36 marked with 1 notch on S. and 5 notches on N. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass

North on a true line between sections 25-30.
Va. 15° 20' East.

Ascend.

40.00 Set a sand stone 18 x 7 x 4 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 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.

51.00 Top of Spur, bears N. 20° E. & S. 20° W. and descend.

80.00 Set a granite stone 16 x 6 x 3 ins. 10 ins. in the ground for Cor. to Secs. 24-25-19-30 marked with 2 notches on S. and 4 notches

W. B. T. 25 N. R. 57 W. 6th. P. M.

Chains.

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 2d. & 3d. rate.
Vegetation Bunchgrass.

North on a true line between sections 19-24.
Va. 16° 10' East.

Ascend.

26.00 Top of Spur, bears E. & W. and descend.

40.00 Set a granite stone 10 x 5 x 4 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a granite stone 10 x 8 x 8 ins. 6 ins. in the ground for Cor. to Secs. 18-19-13-24 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.

W. B. T. 25 N. R. 57 W. 6th. P. M.

Chains.

high, 4½ ft. base.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.

North on a true line between sections 13-18.
Va. 16° East.

Ascend.

40.00 Set a granite stone 18 x 6 x 4 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 granite stone 16 x 4 x 3 ins. 10 ins. in the ground for Cor. to Secs. 12-13-7-18 marked 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.
Land rolling. Soil 3d. rate.
Vegetation Bunchgrass.

N. B. T. 25 N. R. 57 W. 6 th. P. M.

Chains.

North, in a true line between sections 7-12.
Va. 16° East.

Over rolling ground.

40.00 Set a sand stone 13 x 11 x 7 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 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.

80.00 Set a lime stone 16 x 8 x 6 ins. 6 ins. in the ground for Cor. to Secs. 6-7-1-12 marked with 5 notches on S. and 1 notch on N. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

N. B. T. 25 N. R. 57 W. 6 th. P. M.

Chains.

North, in a true line between sections 1-6.
Va. 16° East.

Over rolling ground.

40.00 Set a granite stone 17 x 6 x 6 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 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.

48.56 Cross Gulch, 10 lks. wide, course N. 85° W.

80.00 Set a sand stone 9 x 6 x 4, 4 ins. in the ground, for Cor. to Tps. 25 and 26 N. Rs. 57 and 58 W. marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise in each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth 2 1/2 ft. high, 5 ft. base.

The Cor. to Tps. 25 x 26 N. Rs. 57 x 58 W.

Land rolling. Soil 3d. rate.

Vegetation Bunchgrass.

July. 8. 1881.

A. B. T. 25 N. R. 57 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. thence From the Cor. to Tps. 25 & 26 N. Rs. 57 & 58 W. I run East on a random line on N. B. of Tp.

Va. 15° 3' East.

I set temporary corners at every half mile, and at 6 miles 1.00 chs. I arrive at a point 28 2 lks. South of Cor. to Tps. 25 & 26 N. Rs. 56 & 57 W. from which corner, I run S. 89° 40' W. on a true line between sections 1 & 36.

Va. 16° East.

Over rolling ground.

7.00 Cross low Sag and ascend.

40.00. Set a sand stone 12 x 10 x 8 ins., 8 ins. in

A. B. T. 25 N. R. 57 W. 6th. P. M.

Chains.

the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

51.00 Top of Spur, bears N. & S. and descend.

80.00 Set a sand stone 12 x 8 x 7 ins. 8 ins. in the ground for Cor. to Secs. 1-2-35-36 marked with 5 notches on W. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

S. 89° 40' W. on a true line between sections 2-35.

Va. 16° 20' East.

Over rolling ground.

40.00 Set a sand stone 10 x 10 x 9 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N.

N. B. T. 25 N. R. 37 W. 6th. P. M.

Chains.

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 2 ins. 15 ins. in the ground for bor. to secs. 2-3-34-35 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 3d. rate.

Vegetation Bunchgrass.

S. 89° 40' W. on a true line between sections 3-34.

Va. 16° 16' East.

Ascend.

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

28.47 Cross Gulch, 60 lks. wide, Course S. 10 E. and ascend.

38.00 Top of Spur, bears N. & S. and descend.

40.00 Set a sand stone 14 x 12 x 10 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

N. B. T. 25 N. R. 37 W. 6th. P. M.

Chains.

67.30 Cross Gulch, 30 lks. wide, Course South E. and ascend.

80.00 Set a lime stone 20 x 8 x 4 ins. 15 ins. in the ground for bor. to secs. 3-4-33-34 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 mountainous.

Soil 3d. rate.

Vegetation Bunchgrass.

S. 89° 40' W. on a true line between sections 4-33.

Va. 15° 12' East.

Ascend.

3.00 Top of Spur, bears N. & S. and descend.

40.00 Set a granite stone 9 x 7 x 5 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S.

T. 25 N. R. 57 W. 6 th. P. M.

Chains.

of stone 5½ ft. dist., and raised a mound
of earth 1½ ft. high, 3½ ft. base.
80.00 Set a granite stone 12 x 8 x 6 ins. 8 ins. in
the ground for Cor. to Secs. 4-5-32-33
marked 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.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.

S. 89° 40' W. on a true line between sections
5-32.
Va. 15° 45' East.
Over rolling ground.
40.00 Set a granite stone 17 x 6 x 7 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.

T. 25 N. R. 57 W. 6 th. P. M.

Chains.

80.00 Set a granite stone 10 x 4 x 5 ins. 6 ins.
in the ground for Cor. to Secs. 5-6-31-32
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 1½ ft. high, 4½ ft. base.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.

S. 89° 40' W. on a true line between sections 6-31.
Va. 15° 30' East.
Ascend.
12.00 Top of Spur, bears N. & S. and descend.
40.00 Set a granite stone 16 x 14 x 3 ins., 16 ins. in the
ground, for ¼ Sec. Cor., marked ¼ on W. face,
dug pits, 18 x 18 x 12 ins., W. and S. of stone 5½ ft.
dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
81.00 The Cor. to Tps. 25 & 26 N. Rs. 57 & 58 W.
Land rolling. Soil 3d. rate.
Vegetation Bunchgrass.

A. B. T. 25 N. R. 58 W. 6th. P. M.

Chains.

West, on a true line between sections 1-36.
Va. 15° 3' East.

Descend.

40.00 Set a sand stone 12 x 12 x 6 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

74.00 Cross low Sag and ascend.

80.00 Set a sand stone 16 x 14 x 12 ins. 10 ins. in the ground for Cor. to Secs. 1-2-35-36 marked with 5 notches on W. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

A. B. T. 25 N. R. 58 W. 6th. P. M.

Chains.

West on a true line between sections 2-35.
Va. 16° East.

3.60 Intersect Boundary line between Nebraska and Wyoming at a point South ~~which bears S.~~ and 76 lks. dist. from the 81st. Mile post which is a post 8 ft. long, 6 ins. square and Set a sand stone 10 x 8 x 8 ins. 6 ins. in the ground for Closing Cor. to each Secs. 2 and 35 marked C.C. with 2 notches on E. and 4 notches on W. edges, dug pits 18 x 18 x 12 ins. N., E. and W. of stone, 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

July 9. 1881.

W. B. T. 26 N. R. 57 W. 6th. P. M.

Chains.

From the bor. to Tps. 25 & 26 N. Rs. 57 & 58 W. Run North on a true line between sections 31-36.
Va. 15° 3' East.

40.00 Set a lime stone 17 x 5 x 5 ins. 12 ins. in the ground, for 1/4 Sec. bor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. disk, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

80.00 Set a granite stone 14 x 8 x 5 ins. 8 ins. in the ground for bor. to secs. 30-31-25-36 marked with 1 notch on S. and 5 notches on N. edge, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. disk, and raised a mound of earth 2 ft. high, 4 1/2 ft. base.
Land rolling
Soil 3d. rate.
Vegetation Bunchgrass.

North, on a true line between sections 25-30.
Va. 15° 3' East.
Over rolling ground.

W. B. T. 26 N. R. 57 W. 6th. P. M.

Chains

40.00 Set a granite stone 13 x 9 x 4 ins., 8 ins. in the ground, for 1/4 Sec. bor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. disk, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

80.00 Set a post 4 ft. long, 4 ins. square 12 ins. in the ground, for bor. to secs. 24-25-19-30 marked T. 26 N. S. 19 on N. E., R. 57 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 N. edge; and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.

North on a true line between sections 19-24.
Va. 15° 6' East.
Over rolling ground.

15.40 Cross Gulch, 10 lks. wide, Course S. 72° W.

40.00 Set a sand stone 18 x 6 x 6 ins., 12 ins. in

W. B. T. 26 N. R. 57 W. 6th. P. M.

Chains.

the ground, for 1/4 Sec. Cor., marked 1/4 on W. fac., dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. disk, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

x 113.96 Cross Road to Running Water bears N. E. & S. W.

80.00 Set a sand stone 12 x 8 x 4 ins, 8 ins. in the ground for Cor. to Secs. 18-19-13-24 marked with 3 notches on S. and 3 notches on W. edges, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. disk, and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

North, on a true line between sections 13-18.

Va. 16° 33' East.

Over rolling ground.

40.00 Set a sand stone 12 x 8 x 3 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. disk, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

W. B. T. 26 N. R. 57 W. 6th. P. M.

Chains.

80.00 Set a sand stone 12 x 10 x 4 ins. 8 ins. in the ground for Cor. to Secs. 12-13-7-18 marked with 4 notches on S. and 2 notches on W. edges, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. disk, and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

North, on a true line between sections 7-12.

Va. 16° 30' East.

Over rolling ground.

16.70 Top of Span, bears E. & W. and descend.

40.00 Set a sand stone 10 x 8 x 4 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. disk, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

W. B. T. 26 N. R. 57 W. 6th. P. M.

Chains.

80.00 Set a sand stone 14 x 12 x 10 ins. 10 ins. in the ground for Cor. to Secs. 6 & 1 12 marked 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 3 ft. high, 4½ ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

Meth. in a true line between sections 1-6.

Va. 16° East.

Over rolling ground.

86.00 Set a sand stone 16 x 14 x 12 ins., 10 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.

44.00 To Base of Rock bears E. & W. and ascend.

49.00 To top of bluff bears E. & W. and ascend.

80.00 Set a sand stone 10 x 8 x 4 ins. 6 ins. in

W. B. T. 26 N. R. 57 W. 6th. P. M.

Chains.

the ground for Cor. to Tps. 26 and 27 N. Rs. 57 and 58 W., marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise in 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 2d. & 3d. rate.

Vegetation Bunchgrass.

I carefully examined the adjustments of my Solar compass today, particularly the latitude and reversing apparatus, and found them correct.

July. 11. 1881.

N. B. T. 26 N. R. 57 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. thence From the Cor. to Tps. 26 & 27 N., Rs. 57 & 58 W. I run East on a random line on N. B. of Tp.

Va. 16° East.

I set temporary corners at every half mile, and at 6 miles 2.04 chs. I arrive at a point 3.24 lks. South of Cor. to Tps. 26 & 27 N. Rs. 56 & 57 W. from which corner, I run S. 89° 37' ~~33'~~ W. on a true line between sections 1-36.

Va. 15° 30' East.

Over rolling ground.

40.00 Set a sand stone 14 x 10 x 7 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of

N. B. T. 26 N. R. 57 W. 6th. P. M.

Chains.

earth 1 1/2 ft. high, 3 1/2 ft. base.

80.00 Set a sand stone 12 x 8 x 6 ins. 8 ins. in the ground for Cor. to Secs. 1-2-35-36 marked with 5 notches on W. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

S. 89° 37' ~~33'~~ W. on a true line between sections 2-35.

Va. 15° 33' East.

Over rolling ground.

40.00 Set a sand stone 11 x 7 x 5 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

80.00 Set a sand stone 9 x 7 x 7 ins. 6 ins. in the ground for Cor. to Secs. 2-3-34-35

N. B. T. 26 N. R. 57 W. 6th. P. M.

Chains.

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

S. 89° 57' W., on a true line between sections 3-34.
Va. 16° 20' East.

34.70 Cross Gulch, 10 lks. wide, Course S. W.
40.00 Set a lime stone 14 & 13 & 11 ins., 16 ins. in the ground, for ¼ Sec. cor., marked ¼ on W. face, dug pits, 18 & 18 & 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
65.95 Cross Road to W. Johnson bears N.E. & S.W.
73.00 To foot of Bluff bears N. & S. and ascend.
80.00 Set a granite stone 16 & 8 & 8 ins. 10 ins. in the ground for cor. to Secs. 3. 4. 33 & 34 ~~2. 3. 34. 35~~ marked with 3 notches on W. and 3 notches

N. B. T. 26 N. R. 57 W. 6th. P. M.

Chains.

on E. edges and raised a mound of stone.
Pits impracticable.
Top of bluff bears N. & S.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.

S. 89° 57' W., on a true line between sections 4-33.
Va. 16° East.

Descend.

4.31 Cross Gulch, 30 lks. wide, Course South and descend.
9.73 Top of hill bears N. & S. and descend.
13.71 Cross low Sag and ascend.
40.00 Set a sand stone 14 & 10 & 10 ins., 10 ins. in the ground, for ¼ Sec. cor., marked ¼ on W. face, and raised a mound of stone. Pits impracticable. on
Top of Ridge, bears N. & S. and descend.
48.00 Cross Gulch, 40 lks. wide, Course South and descend.
64.00 Top of Ridge, bears N. & S. and descend.
80.00 Set a sand stone 14 & 10 & 8 ins. 10 ins

N. B. T. 26 N. R. 57 W. 6th. P. M.

Chains.

in the ground for Cor. to Secs. 4-5-32-33 marked with 2 notches on W. and 4 notches on E. edges and raised, a mound of stone. Pits impracticable. Land mountainous. Soil 3d. rate. Vegetation Bunchgrass.

S. 89° 37' 33" W. on a true line between sections 5-32. Va. 15° 15' East.

Descend.

13.40 Cross Gulch, 50 lks. wide, Course South and ascend.
40.00 Set a sand stone 10 x 9 x 3 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
41.15 Top of hill bears N. & S. and descend.
80.00 Set a granite stone 24 x 16 x 10 ins. 18 ins. in the ground for Cor. to Secs. 5-6-31-32 marked with 1 notch on W. and 5 notches

N. B. T. 26 N. R. 57 W. 6th. P. M.

Chains.

on E. edges and raised, a mound of stone. Pits impracticable. Land rolling. Soil 3d. rate. Vegetation Bunchgrass.

S. 89° 37' 33" W. on a true line between sections 6-31. Va. 16° East.

Descend.

4.40 Cross Gulch, 20 lks. wide, Course S.W. and ascend.
10.44 Top of Ridge, bears N.E. & S.W. and descend.
12.90 Cross Gulch, 50 lks. wide, Course S.W. and ascend.
40.00 Set a sand stone 24 x 12 x 6 ins., 15 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
59.00 Top of Ridge, bears N. & S. and descend.
82.04 The Cor. to Tps. 26 & 27 N. Rs. 57 & 58 W.

Land mountainous. Soil 3d. rate. Vegetation Bunchgrass.

N. B. T. 26 N. R. 58 W. 6th. P. M.

Chains.

West, on a true line between sections 1-36.
Va. 16° East.

Descend.

21.50 Cross Gulch, 60 lks. wide, Course S 30° W. & descend.

40.00 Set a sand stone 18 x 14 x 6 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., W. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

67.00 Top of Spur, bears N. 70° E. & S. 70° W. & descend.

80.00 Set a sand stone 10 x 7 x 5 ins. 6 ins. in the ground for Cor. to Secs. 1-2-35-36 marked with 5 notches on W. and 1 notch on E. edge, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land mountainous.
Soil 3d. rate.
Vegetation Bunchgrass.

N. B. T. 26 N. R. 58 W. 6th. P. M.

Chains.

West, on a true line between sections 2-35.
Va. 16° East.

0.15 Intersect Boundary line between Nebraska and Wyoming at a point ~~which~~ ~~Worthy~~ 16.55 chs. dist. from the 87th. Mile post, which is a post 8 ft. long, 6 ins. sq. and

Set a sand stone 18 x 14 x 6 ins. 12 ins. in the ground for Closing Cor. to Secs. 2 and 35 marked C.C. with 2 notches on E. and 4 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E. and N. of stone 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land hilly.
Soil 3rd. rate.
Vegetation Bunchgrass.

July 12. 1881.

W. B. T. 27 N. R. 57 W. 6th. P. M.

Chains.

From the bca. to Tps. 26 & 27 N. Rs. 57 & 58 W.
Drun
North, on a true line between sections 31-36,
Va. 16° East.

Ascend.

31.50 Top of hill bears S. 40° W. & N. 40° E. and descend.

40.00 Set a sand stone 12 x 12 x 9 ins., 8 ins. in the ground, for 1/4 Sec. bca., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a sand stone 12 x 11 x 8 ins. 8 ins. in the ground for bca. to Secs. 30-31-25-36 marked with 1 notch on S. and 5 notches on W. edges and raised a mound of stone. Pits impracticable.

Land hilly.
Soil 3d. rate.
Vegetation Bunchgrass.

W. B. T. 27 N. R. 57 W. 6th. P. M.

Chains.

North, on a true line between sections 25-30
Va. 17° East.

Ascend.

1.40 Top of Spur, bears E. & W. and descend.

40.00 Set a sand stone 9 x 8 x 6 ins., 6 ins. in the ground, for 1/4 Sec. bca., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base.

54.69 Cross Gulch, 10 lks. wide, Course S. 50° W. and ascend.

80.00 Set a sand stone 20 x 9 x 8 ins. 15 ins. in the ground for bca. to Secs. 24-25-19-30 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 mountainous.
Soil 3d. rate.
Vegetation Bunchgrass.

W. B. T. 27 N. R. 57 W. 6th. P. M.

Chains.

North on a true line between sections 19-24
Va. 16° 30' East.

Over rolling ground.

40.00 Set a sand stone 16 x 6 x 2 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. disk, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

52.00 Cross low Sag and ascend.

80.00 Set a sand stone 11 x 6 x 2 ins. 8 ins. in the ground for Cor. to Secs. 18-19-13-24 marked with 3 notches on S. and 3 notches on W. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. disk, and raised a mound of earth 2 ft. high 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

North on a true line between sections 13-18.
Va. 16° East.

W. B. T. 27 N. R. 57 W. 6th. P. M.

Chains.

Over rolling ground.

40.00 Set a sand stone 16 x 6 x 2 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. disk, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

44.96 Cross Gulch, 60 lks. wide, Course S. 30° W.

57.43 Cross Gulch, 50 lks. wide, Course S. 20° W.

80.00 Set a sand stone 10 x 8 x 6 ins. 6 ins. in the ground for Cor. to Secs. 12-13-7-18 marked with 4 notches on S. and 2 notches on N. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. disk, and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

North on a true line between sections 7-12.
Va. 16° East.

Over rolling ground.

W. B. T. 27 N. R. 57 W. 6th. P. M.

Chains.

40.00 Set a sand stone 10 x 8 x 4 ins., 6 ins. in the ground, for 1/4 Sec. bor., marked 1/4 on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base.

80.00 Set a sand stone 12 x 8 x 8 ins. 8 ins. in the ground for bor. to Secs. 6-7-1-12 marked 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.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

North on a true line between sections 1-6.

Va. 16° East.

Open rolling ground.

31.50 Cross Gulch, 60 lks. wide, Course S. 40° E. and

40.00 Set a sand stone 9 x 4 x 3 ins., 6 ins. in the ground, for 1/4 Sec. bor., marked 1/4 on

W. B. T. 27 N. R. 57 W. 6th. P. M.

Chains.

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.

51.00 Top of Spur, bears W. N. W. & E. and descend.

80.00 Set a sand stone 10 x 8 x 7 ins. 6 ins. in the ground, for bor. to Tps. 27 and 28 N. Rs. 57 and 58 W., marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. length-wise, in 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 mountainous.

Soil 3d. rate.

Vegetation Bunchgrass.

I carefully examined the adjustments of my Solar compass today, particularly the latitude and reversing apparatus, and found them correct.

July 13. 1881.

N. B. T. 27 N. R. 57 W. 6th. P. M.

Chains.

Before proceeding further with the retns of this Tp. I made a change of 6 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 thereon.

From the Cor. to Tps. 27 & 28 N., Rs. 57 & 58 W.

Run

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

Va. 16° East.

Set temporary corners at every half mile, and at 6 miles 37.77 chs. I arrive at a point 156 lks. south of Cor. to Tps. 27 & 28 N. Rs. 56 & 57 W. from which corner, I run S. 89° 49' W. in a true line between sections 1 & 36

Va. 16° 30' East.

Over rolling ground.

40.00 Set a sand stone 16 x 14 x 3 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S.

N. B. T. 27 N. R. 57 W. 6th. P. M.

Chains.

of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

80.00 Set a sand stone 12 x 6 x 4 ins. 8 ins. in the ground for Cor. to Secs. 1-2-35-36 marked with 5 notches on W. and 1 notch on E. edges, dug pits 18 x 11 x 12 ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

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

Va. 16° 45' East.

Over rolling ground.

40.00 Set a sand stone 18 x 14 x 2 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 11 x 12 ins. N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

80.00 Set a sand stone 11 x 8 x 4 ins. 8 ins. in

N. B. T. 27 N. R. 57 W. 6 th. P. M.

Chains.

the ground for bo. to secs. 2-3-34-35 marked 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.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

S. 59° 49' W. in a true line between sections 3-34. Va. 16° 25' East.

Over rolling ground.

40.00 Set a sand stone 17 x 6 x 4 ins. 12 ins. in the ground, for ¼ Sec. bo., 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 12 x 10 x 8 ins. 8 ins. in the ground for bo. to secs. 3-4-33-34 marked with 3 notches on W. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each sec.,

N. B. T. 27 N. R. 57 W. 6 th. P. M.

Chains.

5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

S. 59° 49' W. on a true line between sections 4-33. Va. 16° 25' East.

Ascend.

6.56 Top of Spur, bears N. & S. and descend.

40.00 Set a sand stone 17 x 6 x 4 ins., 12 ins. in the ground, for ¼ Sec. bo., 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 17 x 14 x 4 ins. 12 ins. in the ground for bo. to secs. 4-5-32-33 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.

N. B. T. 27 N. R. 57 W. 6th. P. M.

Chains.

Land rolling
Soil 3d. rate.
Vegetation Bunchgrass.

S. 89° 49' W. on a true line between sections 5-8
Va. 16° 15' East.

Ascend.

40.00 Set a sand stone 18 x 6 & 4 ins., 12 ins. in the ground, for 1/4 Sec. cor., marked 1/4 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.

62.50 Top of Spur, bears N. & S. and descend.

72.00 Cross Gulch, 20 lks. wide, Course S. 16° E. and ascend.

80.00 Set a sand stone 12 x 11 x 9 ins. 8 ins. in the ground for cor. to Secs. 5-6-31-32 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.

N. B. T. 27 N. R. 57 W. 6th. P. M.

Chains.

Soil 3d. rate.
Vegetation Bunchgrass.

S. 89° 49' W. on a true line between sections 6-31.
Va. 16° 30' East.

Over rolling ground.

14.50 Cross Gulch 60 lks. wide, Course S. 20° E. and ascend.

40.00 Set a sand stone 18 x 14 x 3 ins. 12 ins. in the ground, for 1/4 Sec. cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., W. and E. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

83.77 The cor. to Tps. 27 & 28 N. Rs. 57 & 58 W.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.

N. B. T. 27 N. R. 58 W. 6th. P. M.

Chains.

West on a true line between sections 1-36.
Va. 16° East.

Over rolling ground.

40.00 Set a sand stone 18 x 6 x 4 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., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.

80.00 Set a sand stone 16 x 16 x 10 ins. 10 ins. in the ground for Cor. to Secs. 1-2-35-36 marked with 5 notches on W. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 3d. rate.

Vegetation Bunchgrass.

N. B. T. 27 N. R. 58 W. 6th. P. M.

Chains.

West on a true line between sections 2-35.
Va. 16° East.

1.88 Intersect Boundary line between Nebraska and Wyoming at a point ~~which~~ North and ~~bears~~ ~~N.~~ 16.99 chs. dist. from the 93rd Mile post, which is a post in mound and pits and Set a sand stone 18 x 14 x 12 ins. 12 ins. in the ground for Closing Cor. to Secs. 2 and 35 marked C.C. with 2 notches on E. and 4 notches on W. edges, dug pits, 18 x 18 x 12 ins. S.E. and W. of stone, 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land rolling.

Soil 2d. & 3d. rate.

Vegetation Bunchgrass.

July 14. 1881.

W. B. T. 28 N. R. 57 W. 6th. P. M.

Chains.

From the Co. to Tps. 27 & 28 N. Rs. 57 & 58 W.
Run
North on a true line between sections 31-36.
Va. 16° East.

Over rolling ground.

40.00 Set a sand stone 12 x 10 x 8 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

60.79 Cross Road, bears E. & W.

80.00 Set a sand stone 12 x 10 x 10 ins. 8 ins. in the ground for Cor. to Secs. 30-31-25-36 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 3d. rate.
Vegetation Bunchgrass.

W. B. T. 28 N. R. 57 W. 6th. P. M.

Chains.

North, on a true line between sections 25-30.
Va. 16° East.

Over rolling ground.

20.00 Ascend.

32.00 Top of Spur, bears S.E. & N.W. and descend.

40.00 Set a sand stone 16 x 14 x 12 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 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.

57.00 Cross Gulch, 35 lks. wide, Course N. 40° W. and ascend.

80.00 Set a sand stone 10 x 10 x 8 ins. 6 ins. in the ground for Cor. to Secs. 24-25-19-30 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 3d. rate.
Vegetation Bunchgrass.

W. B. T. 28 N. R. 57 W. 6th. P. M.

Chains.

North on a true line between sections 19-24.
Va. 16° 6' East.

Ascend.

18.50 Top of Spur, bears N.W. & E. and descend.
39.00 Cross Gulch, 25 lks. wide, course N. 30° W. and ascend.
40.00 Set a sandstone 12x8x8 ins, 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins, E. and W. of stone 5½ ft. disk, and raised a mound of earth 1½ ft. high, 3½ ft. base.
43.00 Top of Spur, bears N. 40° W. & S. 40° E. and descend.
67.00 Cross Gulch, 25 lks. wide, course N. 40° W. and ascend.
70.50 Top of Spur, bears N. 40° W. & S. 40° E. and descend.
72.50 Leave hills and enter level ground.
80.00 Set a sandstone 12x10x5 ins, 8 ins. in the ground for Cor. to Secs. 18-19-13-24 marked with 3 notches on S. and 3 notches on N. edges, dug pits 18x18x12 ins. in each Sec., 5½ ft. disk, and raised a mound of earth 2 ft. high 4½ ft. base.
Land mountainous.

W. B. T. 28 N. R. 57 W. 6th. P. M.

Chains.

Soil 3d. rate.
Vegetation Bunchgrass.

North on a true line between sections 13-18.
Va. 16° 6' East.

Over rolling ground.
40.00 Set a sandstone 12x10x8 ins, 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins, E. and W. of stone, 5½ ft. disk, and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00 Set a sandstone 12x12x10 ins, 8 ins. in the ground for Cor. to Secs. 12-13-7-18 marked with 4 notches on S. and 2 notches on N. edges, dug pits 18x18x12 ins. in each Sec., 5½ ft. disk, and raised a mound of earth 2 ft. high, 4½ ft. base.
Land rolling.
Soil 4th. rate.
Vegetation Bunchgrass.

W. B. T. 28 N. R. 57 W. 6th. P. M.

Chains.

North on a true line between sections 7-12.
Va. 15° 45' East.

Over level ground.

40.00 Set a sand stone 18 x 6 x 3 ins. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 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.

80.00 Set a sand stone 12 x 12 x 10 ins. 8 ins. in the ground for Cor. to Secs. 6-7-1-12 marked with 5 notches on S. and 1 notch on N. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.

Land level.

Soil 3d. rate.

Vegetation Bunchgrass.

W. B. T. 28 N. R. 57 W. 6th. P. M.

Chains.

North on a true line between sections 1-6.
Va. 16° East.

Over level ground.

40.00 Set a sand stone 10 x 10 x 6 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 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.

80.40 Intersect Seventh Standard Parallel North 9.70 chs. West of Standard Cor. to Secs. 32 and 33 to Ts. 29 N. Rs. 57 ~~58~~ W. which is a mound and pits with post in E. pit and Set a sand stone 14 x 10 x 6 ins., 10 ins. in the ground, for Closing Cor. to Tps. 28 N., Rs. 57 and 58 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 raised a mound of earth, 4 1/2 ft. high, 5 ft. base.

Land level.

N. B. T. 28 N. R. 57 W. 6 th. P. M.

Chains.

Sil 2d rate.
Vegetation Bunchgrass.
I carefully examined the adjustments of my solar compass to day, particularly the latitude and reversing apparatus, and found them correct.
July 15. 1881.

U. S. Surveyor General's Office
Plattsmouth Neb May 10th 1882

The foregoing field notes of the Survey of the Exterior lines of Townships No 25. 26. 27 & 28 North, of Ranges No 55. & 56 & 57 West. of the Principal Base & Meridian in the State of Nebraska. Executed by W. F. Benson U. S. Deputy Surveyor under his Contract No 1 dated May 26th 1881. In the months of June & July 1881, having been critically Examined, the necessary Corrections & Explanations made the said field notes & the survey thereby disclosed are hereby approved

Geo. H. Smith
Surveyor General

U. S. Surveyor General's Office
Plattsmouth Neb. Feb. 29th 1884

The foregoing field notes of the survey of the Exterior Lines of fractional Townships No 25. 26. 27 & 28 North, of Range No 8 West of the Principal Base & Meridian in the State of Nebraska, Executed by W. F. Benson U. S. Deputy Surveyor under his Contract No 1 dated May 26th 1881. in the month of July 1881, having been Critically Examined & the necessary Corrections and Explanations made, the said field Notes & the Surveys they describe are hereby approved

Surveyor General

General Land Office • Original Field Notes

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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.