General Land Office • Original Field Notes

Book Number

721

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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.

75

W. F. Benson Deputy Surveyor.

T. 25 N. R. 55 W.

6 th. Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 25 N. Range 55 W.

6 th. Principal Meridian.

BY

W. F. Benson Deputy Surveyor.

Under his Contract of May 26 th. 1881.

Survey Commenced July 18 th. 1881.

Survey Completed July 23 rd. 1881.

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

.....Merid

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

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ownship..... Range.....

.....Meridian.

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

..... Meridian.

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

..... Meridian.

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

Before proceeding to subdivide 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.

Township 25 N. Range 55 W.

6 th. Principal. Meridian.

Chains	From the corner to Sections 35, 36, ~~1 and 2~~ which is a sand stone and pits on the South boundary, I run North, between Sections 35 and 36.
	Variation 16° East.
	Ascend.
1.50	Top of hill bears E. & W. and descend.
40.00	Set a sand stone 9 x 7 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. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
	in low Sag and ascend.
55.00	Top of hill bears E. & W. and descend.
72.00	Cross low Sag and ascend.
80.00	Set a sand stone 10 x 8 x 6 ins. 6 ins. in the ground for Cor. to secs. 25-26-35-36 marked with 1 notch on S. and 1 notch on E. edges and raised a mound of stone. Pits impracticable.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6 th. Principal. Meridian.

Chains	East, on a random line between Sections 25 and 36.
	Variation 15° 54' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
80.09	Intersect E. S. of Tp. 5 lks. south of cor. to secs. 30-31-25-36 which is a mound and pits, with post in S. E. pit from which corner, I run S. 89° 58' W. on a true line, between sections 25-36.
	Variation 15° 54' East.
40.05	Set a sand stone 17 x 6 x 3 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.
80.09	The corner to sections 25-26-35-36.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 25 and 26. Variation 15° 54' East.
	Ascend.
7.00	Top of hill bears E. & W. and descend.
40.00	Set a sand stone 10 x 9 x 8 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 3 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 ft. base.
48.00	Cross Gulch, 20 lks. wide; course N. 70° W. and ascend.
52.00	Top of hill bears N.W. & S.E. and descend.
67.00	Cross Gulch, 30 lks. wide, course West and ascend.
80.00	Set a sand stone 10 x 9 x 8 ins. 6 ins. in the ground for Cor. to Secs. 23-24-25-26 marked with 2 notches on S. and 1 notch on E. edge and raised a mound of stone. Pits impracticable. Land hilly. Soil 2d. & 3d. rate. Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 24 and 25. Variation 16° East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
80.29	Intersect E. B. of Tp. 25 lks. South of cor. to secs. 24-25-19-30 which is a mound and pits with post in S.E. pit from which corner, Run N. 89° 49' W. on a true line, between sections 24-25.
	Variation 16° East.
40.~~15~~ 14	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. of stone 3 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 ft. base.
80.29	The corner to sections 23-24-25-26. Land hilly. Soil 3d. rate. Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 23 and 24. Variation 16° East.
	Ascend.
14.00	Top of hill bears E. & W. and descend.
32.00	Cross low Sag and ascend.
40.00	Set a sand stone 9 x 8 x 7 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. & W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
48.00	Top of hill bears E. & W. and descend.
70.00	Cross low Sag and ascend.
80.00	Set a sand stone 17 x 6 x 4 ins. 12 ins. in the ground for Cor. to Secs. 13-14-23-24 marked with 3 notches on S. and 1 notch on E. edge and raised a mound of stone. Pits impracticable.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 13 and 24. Variation 15° 45' East.
	Ascend.
36.00	Top of hill bears S. 20° E. & N. 20° W. and descend.
40.00	Set temporary 1/4 sec. cor. in low Sag and ascend.
44.00	Top of Spur, bears N. & S. and descend.
50.00	Cross Gulch, 20 lks. wide, Course S. 30° W. and ascend.
80.40	Intersect E. B. of Tp. 33 lks. South of cor. to Secs. 18-19-13-24 which is a mound and pits, and post in S. E. pit from which corner, Run S. 89° 46' W. on a true line, between sections 13-24.
	Variation 15° 45' East.
40.20	Set a sand stone 9 x 7 x 6 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.
80.40	The corner to sections 13-14-23-24.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 13 and 14. Variation 15° 45' East.
	Ascend.
40.00	Set a sand stone 9x8x7 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. disk, and raised a mound of earth 1½ ft. high, 3½ ft. base.
50.00	Top of hill bears N. 75° W. & S. 75° E. and descend.
80.00	Set a sand stone 12x9x3 ins. 8 ins. in the ground for Cor. to Secs. 11-12-13-14 marked with 4 notches on S. and 1 notch on E. edges and raised a mound of stone. Pits impracticable.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 12 and 13. Variation 16° East.
	Ascend.
30.00	Top of hill bears N. & S. and descend.
40.00	Set temporary 1/4 Sec. cor.
80.48	Intersect E. B. of Tp. 20 Lks. South of cor. to Secs. 12-13-7-18 which is a mound and pits, with post in S. E. pit from which corner, Run S. 89° 51' W. in a true line, between Sections 12-13.
	Variation ~~15° 55'~~ 16° East.
40.24	Set a sand stone 16x4x5 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. and S. of stone 5½ ft. disk, and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.48	The corner to Sections 11-12-13-14.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 11 and 12. Variation 16° East.
	Descend.
15.00	Cross low Sag and ascend.
22.00	Top of hill bears E. & W. and descend.
30.00	Cross low Sag and ascend.
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 18 x 12 ins., E. and W. of stone 5½ ft. disk, and raised a mound of earth 1½ ft. high, 3½ ft. base.
42.00	Top of hill bears E. & W. and descend.
53.00	Cross low Sag and ascend.
63.00	Top of hill bears N. 80° W. & S. 80° E. and descend.
80.00	Set a sand stone 9 x 7 x 4 ins. 6 ins. in the ground for Cor. to Secs. 1-2-11-12 marked with 5 notches on S. and 1 notch on E. edges and raised a mound of stone. Pits impracticable.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 15° 45' East.
	Along level land.
40.00	Set temporary ¼ sec. cor.
80.21	Intersect E. B. of Tp. 15 lks. south of cor. to Secs. 6-7-1-12 which is a mound and pits, with post in S. E. pit from which corner bears S. 89° 54' W. on a true line, between sections 1-12.
	Variation 15° 45' East.
40.10	Set a sand 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., N. and S. of stone 5½ ft. disk, and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.21	The corner to sections 1-2-11-12.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	North, on a random line between Sections 1 and 2. Variation 15° 45' East.
	Descend.
10.00	Cross low Sag and ascend.
20.00	Top of hill bears E. & W. and descend.
35.00	Cross low Sag and ascend.
40.00	Set temporary 1/4 sec. cor.
50.00	Top of hill bears E. & W. and descend.
62.00	Cross low Sag and ascend.
72.00	Top of hill bears E. & W. and descend.
80.28	Intersect N. B. of Tp. 20 lks. West of cor. to secs. 1-2-35-36 from which corner, Drum J. 9 W. on a true line between sections 1-2. Variation 15° 45' East.
40.28	Set a sand stone 9 x 6 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 3 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.28	The corner to Sections 1-2-11-12.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.
	July 18. 1881.

Township 25 N. Range 55 W.

6th Principal Meridian.

From the corner to Sections ~~2-35~~ 34-35 which is a mound and pits, with first in E. pit Drum

Chains	North, between Sections 34 and 35. Variation 16° East.
	Level land.
33.00	Descend.
40.00	Set a sand stone 12 x 9 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 3 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
44.10	Cross Gulch, 7 lks. wide, Course N. 37° W. and ascend.
55.00	Top of Ridge, bears N. 35° W. & S. 35° E. and descend.
74.00	Cross low Sag and ascend.
80.00	Set a sand stone 14 x 12 x 3 ins. 10 ins. in the ground for Cor. to Secs. 26-27-34-35 marked with 1 notch on S. and 2 notches on E. edges and raised a mound of stone.
	Pits impracticable.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th. Principal. Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 15° 45' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor. on Top of Spur, bears N. 40° W. & S. 40° E. and descend.
80.29	Intersect N. & S. line, 13 lks. North of cor. to secs. 26-27-34-35 from which corner, Pine N. 89° 54' W. on a true line between sections 26-35.
	Variation 15° 45' East.
40.14	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.
80.29	The corner to sections 26-27-34-35.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th. Principal. Meridian.

Chains	North, between Sections 26 and 27. Variation 15° 45' East.
	Ascend.
5.00	Top of hill bears E. & W. and descend.
38.00	Cross Gulch, 18 lks. wide, Course S. 85° W. and ascend.
40.00	Set a sand stone 12 x 9 x 6 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.
67.00	Top of Spur, bears E. & W. and descend.
73.00	Cross low Sag and ascend.
80.00	Set a sand stone 18 x 9 x 4 ins. 12 ins. in the ground for Cor. to Secs. 22-23-26-27 marked with 2 notches on S. and 2 notches on E. edges and raised a mound of stone. Pits impracticable.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal Meridian,

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

Variation 16° East.

Chains	
	Descend.
17.12	Cross Gulch, 20 lks. wide, Course South and ascend.
30.00	Top of Spur, bears N.W. & S.E. and descend.
36.30	Cross Gulch, 7 lks. wide, Course South and ascend.
40.00	Set temporary 1/4 sec. cor.
79.93	Intersect N. & S. line, 16 lks. South of cor. to secs. 23-24-25-26 from which corner Bears S. 89° 53' W. on a true line between sections 23-26.
	Variation 16° East.
39.96	Set a sand stone 14 x 9 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 earth 1 1/2 ft. high, 3 1/2 ft. base.
79.93	The corner to sections 22-23-26-27.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal Meridian.

North, between Sections 22 and 23.

Variation 16° East.

Chains	
	Ascend.
2.50	Top of hill bears N.W. & S.E. and descend.
40.00	Set a sand stone 14 x 9 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.
80.00	Set a sand stone 14 x 8 x 6 ins. 10 ins. in the ground for Cor. to Secs. 14-15-22-23 marked with 3 notches on S. 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.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6 th. Principal. Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 15° 50' East.
	Descend.
5.07	Cross Gulch, 17 lks. wide, Course S. 15° E. and ascend.
14.00	Top of hill bears N. & S. and descend.
18.00	Cross Gulch, 23 lks. wide, Course South and ascend.
23.00	Enter table land, bears N. & S.
40.00	Set temporary 1/4 sec. cor.
62.50	Leave table land, bears N. & S. and ascend.
79.85	Intersect N. & S. line, 28 lks. North of cor. to secs. 13-14-23-24 from which corner bears N. 89° 48' W. on a true line between sections 14-23.
	Variation 15° ~~45~~ 50' East.
39.93	Set a sand stone 11 x 6 x 4 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. disk, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.85	The corner to sections 14-15-22-23.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6 th. Principal. Meridian.

Chains	North, between Sections 14 and 15. Variation 15° 50' East.
	Descend.
4.80	Cross Gulch, 10 lks. wide, Course S. 20° E. and ascend.
35.50	Top of Spur, bears E. & W. and descend.
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. disk, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
76.00	Cross low Sag and ascend.
80.00	Set a sand stone 13 x 9 x 8 ins. 8 ins. in the ground for Cor. to Secs. 10-11-14-15 marked with 4 notches on S. and 2 notches on E. 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 hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th. Principal. Meridian.

Chains	East, on a random line between Sections 11 and 14. Variation 15° 40' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
46.50	Top of Ridge, bears N. 30° W. & S. 30° E. and descend.
80.05	Intersect N. & S. line, 23 lks. North of cor. to secs. 11-12-13-14 from which, course, run N. 89° 50' W. on a true line between sections 11-14.
	Variation ~~16°~~ 15° 40' East.
40.03	Set a sand stone 14 x 8 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 earth 1 1/2 ft. high, 3 1/2 ft. base.
80.05	The corner to sections 10-11-14-15.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th. Principal. Meridian.

Chains	North, between Sections 10 and 11. Variation 15° 40' East.
	Ascend.
40.00	Set a sand stone 12 x 6 x 6 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.
67.00	Top of Spur, bears E. & W. and descend.
76.00	Cross Gulch, 17 lks. wide, Course S. 34° E. and ascend.
80.00	Set a sand stone 9 x 7 x 6 ins. 6 ins. in the ground for Cor. to Secs. 2-3-10-11 marked with 5 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 2 and 11.
	Variation 15° 48' East.
8.00	Enter Flat bears N. 15° E. & f. 15° W.
36.00	Leave Flat bears N. 15° E. & f. 15° W. and ascend.
40.00	Set temporary 1/4 sec. cor.
79.79	Intersect W. & 1/4 f. line, 19 lks. South of cor. to secs. 1-2-11-12 from which corner, Sun f. 89° 52' W. on a true line between sections 2-11.
	Variation 15° ~~45~~ 48' East.
39.89	Set a sand stone 11 x 9 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., 1/4 W. and f. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.79	The corner to sections 2-3-10-11.
	Land level and hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	North, on a random line between Sections 2 and 3.
	Variation 15° 48' East.
	Descend.
17.00	Enter Flat bears N. 35° W. & f. 35° E.
40.00	Set temporary 1/4 sec. cor.
79.85	Intersect W. B. of T. 28 lks. West of cor. to secs. 2-3-34-35 from which corner, Sun f. 12' W. on a true line between sections 2-3.
	Variation 15° ~~45~~ 48' East.
39.85	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. dist., and raised a mound of Earth 1 1/2 ft. high, 3 1/2 ft. base.
79.85	The corner to sections 2-3-10-11.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my Solar compass today, particularly the latitude and reversing apparatus, and found them correct.
	July 19. 1881.

Township 25 N. Range 55 W.

6th. Principal Meridian.

From the corner to sections 33-34 which is a sand stone 16 ins. by 6 ins. and 16 ins. in the ground

Chains | North, between Sections 33 and 34.

Variation 16° East.

Ascend.

11.00 Top of Spur, bears N. 15° W. & S. 15° E. and descend.

23.00 Cross Gulch, 20 lks. wide, Course West and ascend.

30.00 Top of Ridge, bears E. & W. and descend.

40.00 Set a sand stone 14 x 4 x 6 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.

56.59 Cross Gulch, 10 lks. wide, Course N. 45° W. and ascend.

65.00 Top of Ridge, bears N. 45° W. & S. 45° E. and descend.

80.00 Set a sand stone 18 x 14 x 9 ins. 12 ins. in the ground for Cor. to Secs. 27-28-33-34 marked with 1 notch on S. and 3 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 3d. rate.

Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th. Principal Meridian.

Chains | East, on a random line between Sections 27 and 34.

Variation 15° 45' East.

Descend.

6.15 Cross Gulch, 15 lks. wide, Course N. 30° W. and ascend.

40.00 Set temporary 1/4 sec. cor. North

79.97 Intersect N. & S. 1/4 line, 29 lks. ~~West~~ of cor. to secs. 26-27-34-35 from which corner, bears N. 89° 48' W. on a true line between sections 27-34.

Variation 15° 45' East.

39.99 Set a sand stone 9 x 7 x 6 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.

79.97 The corner to sections 27-28-33-34.

Land hilly.

Soil 3d. rate

Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 27 and 28. Variation 15° 45' East.
	Descend.
6.10	Cross Gulch, 10 lks. wide, Course West and ascend.
36.00	Top of Spur, bears E. & W. and descend.
40.00	Set a sand stone 17 x 6 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.
46.50	Top of Spur, bears N. 40° W. & S. 40° E. and descend.
66.80	Cross Gulch, 20 lks. wide, Course S. 75° W. and ascend.
80.00	Set a sand stone 14 x 10 x 8 ins. 10 ins. in the ground for Cor. to Secs. 21-22-27-28 marked with 2 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 22 and 27. Variation 16° East.
	Descend.
12.60	Cross Gulch, 20 lks. wide, Course S. 50° W. and ascend.
28.00	Top of Spur, bears N. W. & S. E. and descend.
30.00	Cross low Sag and ascend.
32.00	Top of hill bears N. W. & S. E. and descend.
36.00	Cross low Sag and ascend.
40.00	Set temporary 1/4 Sec. Cor.
41.00	Top of Ridge, bears N. W. & S. E. and descend.
80.29	Intersect N. & S. line 10 lks. South of Cor. to Secs. 22-23-26-27 from which corner bears S. 89° 56' W., on a true line between sections 22-27.
	Variation 16° East.
40.15	Set a sand stone 9 x 8 x 6 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.
80.29	The corner to sections 21-22-27-28.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 21 and 22. Variation 15° 45' East.
	Ascend.
15.00	Top of Ridge, bears N. 20° E. & S. 20° W. and descend.
24.50	Cross Gulch, 20 lks. wide, Course East and ascend.
40.00	Set a sand stone 14 x 9 x 6 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 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base.
44.00	Top of hill bears N. 50° W. & S. 50° E. & descend.
65.50	Cross Gulch, 15 lks. wide, Course S. 37° E. and ascend.
80.00	Set a sand stone 9 x 8 x 6 ins. 6 ins. in the ground for Cor. to Secs. 15-16-21-22 marked with 3 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 15 and 22. Variation 15° 48' East.
	Descend.
28.40	Cross Gulch, 13 lks. wide, Course S. 24° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
45.00	Top of hill bears N. & S. and descend.
80.17	Intersect N. & S. line, 30 lks. south of cor. to secs. 14-15-22-23 from which corner, Run S. 89° 47' W. on a true line between sections 15-22.
	Variation 15° ~~50~~ 48' East.
40.09	Set a sand stone 12 x 8 x 6 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. Pits impracticable.
80.17	The corner to sections 15-16-21-22.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 15 and 16. Variation 15° 48' East.
	Ascend.
40.00	Set a sand stone 14 x 12 x 6 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face and raised a mound of stones. Pits impracticable.
50.00	Top of hill bears E. & W. and descend.
74.00	Enter Flat bears E. & W.
80.00	Set a sand stone 9 x 6 x 4 ins. 6 ins. in the ground for Cor. to secs. 9-10-15-16 marked with 4 notches on f. 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 and level.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 10 and 15. Variation 15° 45' East.
	Level land.
31.00	Leave Flat bears N. & f. and ascend.
40.00	Set temporary 1/4 sec. cor.
50.00	Top of hill bears N. 70° W. & f. 70° E. and descend.
74.00	Cross low Sag and ascend.
79.90	Intersect N. & f. line, 12 lks. North of cor. to secs. 10-11-14-15 from which corner, run N. 89° 55' W. on a true line between sections 10-15.
	Variation 15° 45' East.
39.95	Set a sand stone 16 x 14 x 12 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. Pits impracticable.
79.90	The corner to sections 9-10-15-16.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 15° 45' East.
	Along level land.
23.00	Leave Flat bears N. 50° W. & S. 50° E. and ascend.
40.00	Set a sand stone 9 x 8 x 7 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. Pits impracticable.
80.00	Set a sand stone 14 x 10 x 3 ins. 10 ins. in the ground for Cor. to Secs. 3-4-9-10 marked with 5 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land hilly.
	Soil 2d & 3d rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 3 and 10. Variation 14° East.
	Descend.
21.00	Cross low Sag and ascend.
27.00	Top of Spur, bears N. 30° W. & S. 30° E. and descend.
39.00	Cross low Sag and ascend.
40.00	Set temporary 1/4 sec. cor.
70.00	Top of hill bears N.W. & S.E. and descend.
72.80	Cross Gulch, 14 lks. wide, Course S. 80° E. and ascend.
79.94	Intersect N. & S. line, 23 lks. North of cor. to secs. 2-3-10-11 from which corner, I run N. 89° 50' W. on a true line between sections 3-10.
	Variation ~~15° 45'~~ 14° East.
39.97	Set a sand stone 18 x 7 x 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.
79.94	The corner to sections 3-4-9-10.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th. Principal. Meridian.

Chains | North, on a random line between Sections 3 and 4.

Variation 14° East.

Ascend.

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

40.00 Set temporary 1/4 sec. cor.

80.43 Intersect N.B. of Tp. 14 lks. West of cor. to secs. 3-4-33-34 from which corner, I run S. 6 W. on a true line between sections 3-4.

Variation ~~15°~~ 14° ~~75'~~ East.

40.43 Set a sand stone 12 x 8 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 1/2 ft. high, 3 1/2 ft. base.

80.43 The corner to sections 3-4-9-10.

Land hilly.

Soil 3d. rate.

Vegetation Bunchgrass.

July 20. 1881.

Township 25 N. Range 55 W.

6th. Principal. Meridian.

Chains | From the corner to sections ~~[illegible]~~ 32 & 33 which is a sand stone 24 x 10 x 5 in Cor. North, between Sections 32 and 33.

Variation 15° 50' East.

Ascend.

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

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.

56.00 Cross low Sag and ascend.

80.00 Set a sand stone 10 x 8 x 4 ins., 6 ins. in the ground for Cor. to secs. 28-29-32-33 marked with 1 notch on S. 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.

Land hilly.

Soil 2d. & 3d. rate.

Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33. Variation 16° East.
	Ascend.
11.00	Top of hill bears N. & S. and descend.
21.00	Cross low Sag and ascend.
31.00	Top of hill bears N. & S. and descend.
34.30	Cross low Sag and ascend.
40.00	Set temporary 1/4 Sec. cor.
79.77	Intersect N. & S. line, 20 lks. South of cor. to secs. 27-28-33-34 from which corner, I run S. 89° 51' W. on a true line between sections 28-33.
	Variation 15° 45' East.
39.89	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, and raised a mound of stone. Pits impracticable.
79.77	The corner to sections 28-29-32-33.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 28 and 29. Variation 16° East.
	Ascend.
13.00	Top of Ridge, bears E. & W. and descend.
27.00	Cross low Sag and ascend.
39.00	Top of hill 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 N. face, and raised a mound of stone. Pits impracticable.
75.00	Cross Gulch, 20 lks. wide, Course S. 30° W. and ascend.
80.00	Set a sand stone 9 x 7 x 6 ins. 6 ins. in the ground for Cor. to secs. 20-21-28-29 marked with 2 notches on S. and 4 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 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 21 and 28. Variation 15° 50' East.
	Descend.
1.50	Cross Gulch, 100 lks. wide, Course S. 30° W. and ascend.
40.00	Set temporary 1/4 sec. cor.
60.00	Top of hill bears N. & S. and descend.
80.10	Intersect N. & S. line, 38 lks. North of cor. to secs. 21-22-27-28 from which corner, Drum N. 89° 44' W. on a true line between sections 21-28.
	Variation ~~16~~ 15° 50' East.
40.05	Set a sand stone 9 x 7 x 4 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face and raised a mound of stone. Pits impracticable.
80.10	The corner to sections 20-21-28-29.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 20 and 21. Variation 15° 50' East.
	Ascend.
40.00	Set a sand stone 16 x 4 x 3 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.
80.00	Set a sand stone 26 x 14 x 10 ins., 18 ins. in the ground for Cor. to Secs. 16-17-20-21 marked with 3 notches on S. and 4 notches on E. edges and raised a mound of stone.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 16 and 21. Variation 15° 45' East.
	Descend.
16.40	Cross low Sag and ascend.
39.60	Top of hill bears W. & E. and descend.
40.00	Set temporary 1/4 sec. cor.
80.25	Intersect W. & E. line 17 lks. south of cor. to sec. 15-16-21-22 from which corner, run E. 89° 53' W. on a true line between sections 16-21.
	Variation 15° 45' East.
40.13	Set a sand stone 9 x 6 x 4 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 E. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.25	The corner to sections 16-17-20-21.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 16 and 17. Variation 15° 45' East.
	Descend.
6.00	Cross low Sag and ascend.
40.00	Set a sand stone 9 x 8 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.
80.00	Set a sand stone 11 x 9 x 6 ins. 6 ins. in the ground for Cor. to sec. 8-9-16-17 marked with 4 notches on S. 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.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16. Variation 15° 48' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
62.00	Top of hill bears W. & E. and descend.
80.33	Intersect N. & S. line, 33 lks. South of cor. to secs. 9-10-15-16 from which corner, Run S. 89° 46' W. on a true line between sections 9-16.
	Variation 15° ~~45~~ 48' East.
40.16	Set a sand stone 11 x 9 x 6 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.
80.33	The corner to sections 8-9-16-17.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 8 and 9. Variation 15° 48' East.
	Descend.
40.00	Set a sand stone 9 x 6 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. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
60.00	Cross low Sag and ascend.
80.00	Set a sand stone 17 x 6 x 3 ins. 12 ins. in the ground for Cor. to Secs. 4-5-8-9 marked with 5 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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.

Township 25 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation 15° 45' East.
	Ascend.
20.00	Top of hill bears N. & S. and descend.
31.00	Enter Flat bears N. & S.
40.00	Set temporary 1/4 sec. cor.
44.00	Leave Flat bears N. 15° W. & S. 15° E. and ascend.
80.19	Intersect N. & S. line 13 lks. North of cor. to secs. 3-4-9-10 from which corner, Run N. 89° 54' W. on a true line between sections 4-9.
	Variation 15° 45' East.
40.10	Set a sand stone 14 x 9 x 7 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dig 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.
80.19	The corner to sections 4-5-8-9.
	Land hilly and level.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal Meridian.

Chains	North, on a random line between Sections 4 and 5. Variation 15° 45' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
50.00	Top of hill bears E. & W. and descend.
75.00	Cross Gulch, 20 lks. wide, Course West and ascend.
80.49	Intersect N. B. of Tp. 41 lks. West of cor. to secs. 4-5-32-33 from which corner, Run S. 18° W. on a true line between sections 4-5.
	Variation 15° 45' East.
40.49	Set a sand stone 16 x 4 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., 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.
80.49	The corner to sections 4-5-8-9.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.
	July 21. 1881.

Township 25 N. Range 55 W.

6th Principal Meridian.

Thence the corner to sections 5 & 31-32 which is a mound and pits, with 1 pit, 5 ins. deep, 3 ins. wide.

North, between Sections 31 and 32.

Variation 15° 50' East.

Chains	
	Ascend.
8.50	Top of hill bears S. 50° E. & N. 80° W. and descend.
40.00	Set a sand stone 18 x 4 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 3 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
51.40	Cross Gulch, 40 lks. wide, Course S. 30° E. and ascend.
67.00	Top of hill bears S. E. & N. W. and descend.
73.40	Cross Gulch, 30 lks. wide, Course S. 40° E. and ascend.
80.00	Set a sand stone 30 x 18 x 4 ins. 21 ins. in the ground for Cor. to Secs., 29-30-31-32 marked with 1 hatch on S. and 5 notches on E. edges, and raised a mound of stone. Pits impracticable.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

East, on a random line between Sections 29 and 32.

Variation 15° 51' East.

Chains	
	Ascend.
10.00	Top of hill bears W. & S. and descend.
34.00	Cross Gulch, 20 lks. wide, Course S. 45° E. and ascend.
37.00	Top of Spur, bears S. E. & N. W. and descend.
40.00	Set temporary 1/4 sec. cor.
45.00	Cross Gulch, 20 lks. wide, Course S. 40° E. and ascend.
54.00	Top of Spur, bears N. W. & S. E. and descend.
64.30	Cross Gulch, 20 lks. wide, Course South and ascend.
80.19	Intersect N. & S. line, 24 lks. North of corn. to Secs. 28-29-32-33 from which corner, Sun N. 89° 50' W., on a true line between sections 29-32.
	Variation 15° 51' East.
40.10	Set a sand stone 12 x 10 x 9 ins., 8 ins. in the ground for 1/4 Sec. Cor., marked 1/4 on S. face, and raised a mound of stone. Pits impracticable.
80.19	The corner to sections 29-30-31-32.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal Meridian.

West, on a random line between Sections 30 and 31.

Variation 15° 51' East.

Chains	
	Descend.
8.00	Cross Gulch, 30 lks. wide, Course S. 45° E. and ascend.
20.00	Top of hill bears S.E. & N.W. and descend.
32.00	Cross Gulch, 20 lks. wide, Course S. 40° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
67.00	Top of hill bears N. & S. and descend.
80.17	Intersect W. B. of Tp. 20 lks. South of cor. to secs. 30-31-25-36 from which Corner, Run ~~N.~~ S. 89° 51' E. on a true line, between sections 30-31.
	Variation 15° ~~45'~~ 51' East.
40.17	Set a sand stone 18 x 14 x 11 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. Pits impracticable.
80.17	The Corner to Sections 29, 30, 31 and 32.
	Land hilly
	Soil 3rd rate
	Vegetation Bunchgrass

Township 25 N. Range 55 W.
6th Principal Meridian.

North, between Sections 29 and 30.

Variation 15° 51' East.

Chains	
	Ascend.
36.00	Top of hill bears S.E. & N.W. and descend.
40.00	Set a sand stone 11 x 9 x 6 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.
62.00	Cross Gulch, 20 lks. wide, Course S. 40° E. and ascend.
80.00	Set a sand stone 12 x 9 x 6 ins. 8 ins. in the ground for Cor. to Secs. 19-20-29-30 marked with 2 notches on S. and 5 notches on E. edges and raised a mound of stone. Pits impracticable.
	Land hilly
	Soil 3d. rate
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6 th. Principal. Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15° 45' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor. on Top of hill bears N. & S. and descend.
48.30	Cross Gulch, 20 lks. wide, Course South and ascend.
60.00	Top of hill bears N. & S. and descend.
80.10	Intersect N. & S. line, 9 lks. North of cor. to secs. 20-21-28-29 from which corner, Run N. 89° 56' W. on a true line between sections 20-29.
	Variation 15° ~~50~~ 45' East.
40.05	Set a sand stone 12 x 8 x 6 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on S. 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.
80.10	The corner to sections 19-20-29-30.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6 th. Principal. Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15° 45' East.
	Descend.
8.50	Cross Gulch, 15 lks. wide, Course S. 40° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
60.00	Top of hill bears N. E. & S. W. and descend.
80.72	Intersect W. B. of Tp. 36 lks. South of cor. to secs. 24-25-19-30 from which corner, Run S. 89° 45' E. on a true line between sections 19-30.
	Variation 15° 45' East.
40.72	Set a sand stone 9 x 7 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., 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.
80.72	The corner to sections 19-20-29-30.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 19 and 20. Variation 15° 45' East.
	Ascend.
6.00	Top of hill bears E. & W. and descend.
12.00	Cross low Sag and ascend.
40.00	Set a sand stone 18 x 7 x 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., 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 10 x 9 x 8 ins. 6 ins. in the ground for Cor. to Secs. 17-18-19-20 marked with 3 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each sec., 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.

Township 25 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15° 45' East.
	Ascend.
6.00	Top of hill bears N. & S. and descend.
14.00	Cross low Sag and ascend.
18.00	Top of hill bears N. & S. and descend.
22.00	Cross low Sag and ascend.
37.00	Top of hill bears N. & S. and descend.
40.00	Set temporary 1/4 Sec. Cor.
45.00	Cross Gulch 20 lks. wide, Course South and ascend.
79.96	Intersect N. & S. line, 27 lks. North of Cor. to Secs. 16-17-20-21, from which corner, Run N. 89° 48' W. on a true line between sections 17-20.
	Variation 15° ~~45'~~ 36' East.
39.98	Set a sand stone 9 x 7 x 6 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., 1/4 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.
79.96	The corner to sections 17-18-19-20.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th. Principal. Meridian.

Chains	West, on a random line between Sections 18 and 19. Variation 15° 56' East.
	Ascend.
18.00	Top of hill bears N. 20° E. & S. 20° W. and descend.
40.00	Set temporary 1/4 sec. cor. in low Sag and ascend.
65.00	Top of hill bears N. W. & S. E. and descend.
81.39	Intersect W. B. of Tp. 23 lks. North of cor. to secs. 18-19-13-24 from which corner, Run North J. 89° 50' E. on a true line, between sections 18-19.
	Variation 15° ~~45'~~ 56' East.
41.39	Set a sand stone 11 x 9 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.
81.39	The corner to sections 17-18-19-20.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 E.
6th. Principal. Meridian.

Chains	North, between Sections 17 and 18. Variation 15° 56' East.
	Ascend.
40.00	Set a sand stone 18 x 7 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. Top of hill bears N. 80° W. & S. 80° E. and descend.
66.80	Cross Gulch, 3 lks. wide, Course West and ascend.
80.00	Set a sand stone 30 x 18 x 12 ins. 21 ins. in the ground for Cor. to secs. 7-8-17-18 marked with 4 notches on S. and 5 notches on E. edges and raised a mound of stone. Pits impracticable.
	Land hilly.
	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 22. 1881.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 8 and 17. Variation 15° 50' East.
	Ascend.
1.00	Top of hill bears N. 30° W. & S. 30° E. and descend.
30.00	Cross Gulch, 20 lks. wide, Course S. 60° W. and ascend.
40.00	Set temporary 1/4 sec. cor.
79.91	Intersect N. & S. 1/4 line, 19 lks. North of cor. to secs. 8-9-16-17 from which corner, Run N. 89° 52' W. on a true line between sections 8-17.
	Variation 15° ~~45'~~ 50' East.
39.96	Set a sand stone 11 x 6 & 4 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.
79.91	The corner to Sections 7-8-17-18.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunch grass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18. Variation 15° 50' East.
	Descend.
24.00	Cross Gulch, 30 lks. wide, Course S. 70° W. and ascend.
40.00	Set temporary 1/4 sec. cor.
50.00	Top of hill bears N. & S. and descend.
70.00	Cross Gulch, 40 lks. wide, Course South and ascend.
81.66	Intersect N. B. of Tp. 33 lks. North of cor. to secs. 12-13-7-18 from which corner, Run N. 89° 46' E. on a true line, between sections 7-18.
	Variation 15° ~~45'~~ 50' East.
41.66	Set a sand stone 11 x 8 x 6 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 E. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
81.66	The corner to Sections 7-8-17-18.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 7 and 8. Variation 15° 50' East.
	Ascend.
1.50	Top of hill bears N. 30° W. & S. 30° E. and descend.
40.00	Set a sand stone 14 x 7 x 6 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. Pits impracticable.
53.00	Cross low Sag and ascend.
80.00	Set a sand stone 9 x 7 x 6 ins., 6 ins. in the ground for Cor. to Secs. 5-6-7-8 marked with 5 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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.

Township 25 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 5 and 8. Variation 15° 40' East.
	Ascend.
10.00	Top of hill bears N. & S. and descend.
40.00	Set temporary 1/4 Sec. Cor.
60.00	Cross low Sag and ascend.
79.85	Intersect N. & S. line, 11 lks. South of Cor. to Secs. 4-5-8-9 from which corner, I run S. 89° 55' W. on a true line between sections 5-8.
	Variation 15° 40' East.
39.93	Set a sand stone 18 x 7 x 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.
79.85	The corner to sections 4-5-8-9.
	Land hilly.
	Soil 3d rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th. Principal Meridian.

Chains	West, on a random line between Sections 6 and 7. Variation 15° 40' East.
	Ascend.
11.00	Top of hill bears N. & S. and descend.
40.00	Set temporary 1/4 sec. cor.
67.00	Cross Gulch, 20 lks. wide, Course South and ascend.
82.04	Intersect N. B. of Tp. 11 lks. North of cor. to secs. 6-7-12 from which corner, Drum N. 89° 55' E. on a true line, between sections 6-7.
	Variation 15° ~~45~~ 40' East.
83.04	Set a sand stone 18 x 6 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., 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.
82.04	The corner to sections 5-6-7-8.
	Land hilly.
	Soil 2d & 3d. rate.
	Vegetation Bunchgrass.

Township 25 N. Range 55 W.
6th. Principal Meridian.

Chains	North, on a random line between Sections 5 and 6. Variation 15° 40' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
45.00	Top of hill bears E. & W. and descend.
51.00	Cross Gulch, 12 lks. wide, Course West and ascend.
56.00	Top of hill bears E. & W. and descend.
71.40	Cross Gulch, 20 lks. wide, Course S. 35° W. and ascend.
80.31	Intersect N. B. of Tp. 24 lks. West of cor. to secs. 5-6-31-32 from which corner, Drum S. 10° W. on a true line, between sections 5-6.
	Variation 15° ~~45~~ 40' East.
80.31	Set a sand stone 17 x 6 x 2 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.
80.31	The corner to sections 5-6-7-8.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.
	July 23. 1881.

GENERAL DESCRIPTION.

The land in this Township is generally hilly although some portions of it are level.
The soil is 2nd. & 3rd. rate.
The vegetation consists of Bunchgrass.
It is valuable for grazing and agricultural purposes.

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

The foregoing field notes of the Survey of the Subdivision lines of Township No 25 North, of Range No 15 West of the Principal Base and 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 and the surveys they describe are hereby approved.

Geo. Smith
Surveyor General

U. S. Surveyor-General's Office.

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The foregoing Field Notes of the su

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*U. S. Deputy Surveyor, under his contract*eyor.

B 81

having been critically examined, the necess 1881
rections and explanations made, the said Fie
and the surveys they describe are hereby appr 1881.

U. S. Surveyor-General for .....

W. F. Benson. Deputy Surveyor.

T. 26 N. R. 55 W.

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 26 N. Range 55 W.

6th Principal Meridian.

BY

W. F. Benson. Deputy Surveyor.

Under his Contract of May 26th 1881

Survey Commenced Aug. 22nd 1881

Survey Completed Aug 27th 1881.

Platted,

Copied for Washington,

Copied for Register,

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

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

..... Meridian.

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

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

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

..... Meridian.

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

..... Meridian.

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

..... Meridian.

Survey made with Burt's Patent Improved Solar Compass, nearly new & in first rate order. Made by W. & L. G. Gurley of Troy. N.Y. in 1881

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	From the corner to Sections 35, 36, 1 and 2 on the South boundary, I run North, between Sections 35 and 36. Variation 15° 45' East.
	Over level land.
40.00	Set a sand stone 9x8x6 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., 1/4 E. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
70.00	Leave level land bears E. & W. & ascend.
80.00	Set a sand stone 12x10x8 ins. 9 ins. in the ground for Cor. to Secs. 25-26-35-36 marked with 1 notch on S. & 1 notch on E. edges, dug pits 18x18x12 ins. in each Sec., 5 1/2 ft. dist., & raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land level & rolling.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 25 and 36, Variation 15° 45' East.
	Ascend.
30.00	Top of hill bears N.W. & S.E. & descend.
40.00	Set temporary 1/4 sec. cor.
50.00	Edge of table land bears S. 30° E. & N. 30° W.
80.25	Intersect E. B. of Tp. 51 lks. South of cor. to secs. 30-31-25-36 which is a mound & pits with post in S.E. pits from which corner, I run S. 89° 38' W. on a true line between Sections 25-36. Variation 15° 70' East.
40.13	Set a sand stone 17x6x5 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
80.25	The corner to sections 25-26-35-36.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 25 and 26 Variation 15° 45' East.
	Ascend.
7.50	Edge of table land, bears E. + W.
40.00	Set a sand stone 12 x 7 x 4 ins., 9 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.
53.00	Leave table land and descend.
71.10	Cross Gulch 6 lks. wide, Course S. 80° E. and ascend.
80.00	Set a sand stone 11 x 9 x 9 ins., 9 ins. in the ground for Cor. to Secs. 23-24-25-26 marked with 2 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 24 and 25. Variation 15° 45' East.
	Ascend.
15.00	Top of hill bears N. + S. and descend.
40.00	Set temporary 1/4 sec. cor.
79.71	Intersect E. B. of Tp. 31 lks. South of cor. to secs. 24-25-19-30 which is a mound and pits, with pit in S.E. pit from which corner, I run S. 89° 47' W. on a true line between sections 24-25
	Variation 15° 45' East.
39.86	Set a sand stone 17 x 7 x 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., 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.
79.71	The corner to sections 23-24-25-26.
	Land hilly.
	Soil 2d. + 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 23 and 24. Variation 15° 45' East.
	Ascend.
28.50	Top of hill bears N. 80° W. & S. 80° E. & descend.
39.00	Cross Gulch 100 lks. wide. Course S. 80° E. & ascend.
39.50	Top of hill bears N. 60° W. & S. 60° E. & 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. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
43.60	Cross Gulch, 50 lks. wide, Course S. 60° E. & ascend.
47.00	Top of hill bears N. 70° W. & S. 70° E. & descend.
72.50	Cross Gulch 6 lks. wide, Course N. 70° W. & ascend.
78.50	Top of hill bears N. 70° W. & S. 70° E. & descend.
80.00	Set a sand stone 9 x 8 x 7 ins. 6 ins. in the ground for Cor. to Secs. 13-14-23-24 marked with 3 notches on S. & 1 notch on E. edges. dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist., & raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land hilly. Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 13 and 24. Variation 15° 45' East.
	Ascend.
11.00	Top of Ridge bears N. 45° E. & S. 45° W. & descend.
36.00	Cross Low Sag & ascend.
40.00	Set temporary 1/4 sec. cor.
60.00	Top of hill bears N. & S. & descend.
79.76	Intersect E. B. of Tp. 18 lks. North of cor. to secs. 18-19-13-24 which is a mound & pits with post. in S.E. pit from which corner, I run N. 89° 52' W. on a true line, between sections 13-24.
	Variation 15° 45' East.
39.88	Set a sand stone 11 x 9 x 8 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. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.76	This corner to sections 13-14-23-24.
	Land mountainous
	Soil 3d. rate
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 13 and 14. Variation 15° 45' East.
	Ascend.
11.00	Top of hill bears N. 45° W. & S. 45° E. & descend.
20.00	Cross Gulch, 10 lks. wide, Course S. 60° E. & ascend.
40.00	Set a sand stone 11x9x3 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. & W. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
53.60	Cross Gulch, 15 lks. wide Course S. 60° E.
80.00	Set a sand stone 12x8x4 ins. 8 ins. in the ground for Cor. to Secs. 11-12-13-14 marked with 4 notches on S. & 1 notch on E. edges, dug pits 18x18x12 ins. in each Sec. 5½ ft. dist., & raised a mound of earth 2 ft. high, 4 ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 12 and 13. Variation 15° 45' East.
	Ascend.
13.00	Top of hill bears N. W. & S. E. & descend.
18.00	Enter Flat bears N. W. & S. E.
38.00	Leave Flat bears N. W. & S. E. & ascend.
40.00	Set temporary 1/4 sec. cor.
46.00	Top of hill bears N. W. & S. E. & descend.
79.47	Intersect E. B. of Tp. 33 Lks. South of cor. to secs. 12-13-7-18 which is a mound & pits with post in S. E. pit from which corner, I run S. 89° 46' W. on a true line between sections 12-13.
	Variation 15° 45' East.
39.74	Set a sand stone 13x10x8 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits 18x18x12 ins., 1/4 N. & S. of stone 5½ ft. dist. & raised a mound of earth 1½ ft. high, 3½ ft. base
79.47	The corner to sections 11-12-13-14.
	Land hilly except in Flat.
	Soil 2d. rate.
	Vegetation Bunchgrass.
	Aug. 22. 1881.

Township 26 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 11 and 12. Variation 15° 45' East.
	Ascend.
14.00	Top of hill bears E. & W. & descend.
22.00	Enter Flat bears E. & W.
40.00	Set a sand stone 12 x 8 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. & W. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.00	Set a sand stone 9 x 6 x 3 ins. 6 ins. in the ground for Cor. to Secs. 1-2-11-12 marked with 5 notches on S. & 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. & raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 15° 45' East.
	Open level land.
40.00	Set temporary 1/4 sec. cor.
42.50	Leave Flat bears N. 65° E. & S. 65° W. & ascend.
79.61	Intersect E. B. of Tp. 27 lks. South of cor. to secs. 6-7-1-12, which is a mound & pits with post in S. E. pit from which corner, I run S. 89° 48' W. on a true line between sections 1-12
	Variation 15° 45' East.
39.81	Set a sand stone 10 x 8 x 6 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. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
79.61	The corner to sections 1-2-11-12
	Land hilly except in flat.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, on a random line between Sections 1 and 2. Variation 15° 45' East.
12.50	Leave Flat bears E. & W. & ascend.
40.00	Set temporary 1/4 sec. cor.
50.00	Top of hill bears N. 30° W. & S. 30° E. & descend.
79.81	Intersect N. B. of Tp. 15 lks. East of Cor. to secs. 1-2-35-36 from which corner, I run S. 6 E. on a true line between sections 1-2.
	Variation 15° 45' East.
39.81	Set a sand stone 13 x 9 x 6 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. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
79.81	The corner to sections 1-2-11-12.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 34 and 35. Variation 15° 45' East.
	Descend.
25.00	Cross low Sag & ascend.
32.00	Top of Ridge, bears E. & W. & descend.
40.00	Set a sand stone 11 x 8 x 6 ins., 9 ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on W. face, dug pits, 15 x 15 x 12 ins., E. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.00	Set a sand stone 24 x 15 x 5 ins., 18 ins. in the ground, for Cor. to Secs. 26-27-34-35 marked with 1 notch on S. & 2 notches on E. edges & raised a mound of stone. Pits impracticable.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

East, on a random line between Sections 26 and 35.

Variation 15° 20′ East.

Chains	
	Ascend,
3.00	Top of hill bears N. & S. end descend.
9.00	Cross low Sag end ascend.
20.00	Top of hill bears N. & S. end descend.
40.00	Set temporary ¼ Sec. Cor.
71.00	Top of hill bears N. & S. end descend.
80.34	Intersect N. & S. line 31 lks. South of cor. to secs. 25-26-35-36 from which corner, run S. 89° 47′ W. on a true line between sections 26-35.
	Variation 15° ~~22′~~ 20′ East.
40.17	Set a sand stone 18 x 9 x 7 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 14 x 12 ins., N. end S. of stone 5½ ft. dist., end raised a mound of earth 1½ ft. high 3½ ft. base.
80.34	The corner to sections 26-27-34-35
	Land hilly.
	Soil 2d. & 3d. rate
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

North, between Sections 26 and 27.

Variation 15° 20′ East.

Chains	
	Ascend,
6.00	Top of hill bears N. & S. end descend.
13.00	Cross low Sag end ascend.
18.00	Top of hill bears N. 50° E. & S. 50° W. end descend.
40.00	Set a sand stone 12 x 10 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. end W. of stone 5½ ft. dist., end raised a mound of earth 1½ ft. high, 3½ ft. base.
70.00	Top of Ridge, bears E. & W. end descend.
80.00	Set a sand stone 9 x 7 x 6 ins. 6 ins. in the ground for Cor. to Secs. 22-23 26-27 marked with 2 notches on S. end 2 notches on E. edges, dug pits 18 x 14 x 12 ins. in each Sec., 5½ ft. dist., end raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 15° 45' East.
	Ascend.
17.00	Top of Ridge, bears N. & S. and descend.
24.75	Cross Gulch, 6 lks. wide, Course S.E. and ascend.
79.81	Intersect N. & S. line, 27 lks. South of cor. to secs 23-24-25-26 from which corner, I run S. 89° 48' W. on a true line between sections 23-26.
	Variation 15° 45' East.
39.91	Set a sand stone 17 x 5 x 3 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.
79.81	The corner to sections 22-23-26-27.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 22 and 23. Variation 15° 35' East.
	Ascend.
17.00	Top of Ridge, bears E. & W. and descend.
27.00	Cross low Sag and ascend.
40.00	Set a sand stone 9 x 6 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.
58.00	Cross low Sag and ascend.
80.00	Set a sand stone 9 x 7 x 5 ins. 6 ins. in the ground for Cor. to Secs. 14-15-22-23 marked with 3 notches on S. 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 mountainous
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 15° 45' East.
	Ascend.
4.00	Top of Ridge, bears N. & S. & descend.
23.00	Cross low Sag & ascend.
30.00	Top of hill bears N. & S. & descend.
40.00	Set temporary 1/4 sec. cor.
79.88	Intersect N. & S. line 35 lks South of cor. to secs. 13-14-23-24 from which corner, I run S. 89°45' W. on a true line, between sections 14-23.
	Variation 15° 45' East.
39.94	Set a sand stone 18x12x7 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.88	The corner to sections 14-15-22-23.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 14 and 15. Variation 15° 45' East.
	Ascend.
11.45	Top of hill bears E. & W. & descend.
40.00	Set a sand stone 16x4x2 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
	in low Sag & ascend.
50.00	Top of Ridge, bears E. & W. & descend.
59.00	Cross low Sag & ascend.
67.00	Top of hill bears E. & W. & descend.
80.00	Set a sand stone 10x9x9 ins. 6 ins. in the ground for Cor. to Secs. 10-11-14-15 marked with 4 notches on S. & 2 notches on E. edges, dug pits 18x18x12 ins. in each Sec. 5 1/2 ft. dist., & raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 11 and 14. Variation 15° 35' East.
	Ascend.
14.00	Top of hill bears S.30° E. & N.30° W. & descend.
33.00	Cross low Sag & ascend.
40.00	Set temporary 1/4 sec. cor.
80.15	Intersect N. & S. line 43 lks. South of cor. to Secs. 11-12-13-14 from which corner, run S.89 42' W. on a true line between sections 11—14.
	Variation 15° 35' East.
40.08	Set a sand stone 10 x 8 x 7 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. & S. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
80.15	The corner to sections 10-11-14-15.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass today, particularly the latitude & reversing apparatus, & found them correct.
	Aug. 23. 1881

Township 26 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 10 and 11. Variation 15° 35' East.
	Ascend.
40.00	Set a sand stone 16 x 8 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. & W. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
50.00	Enter flat bears N. 50° W. & S. 50° E.
80.00	Set a sand stone 10 x 8 x 6 ins., 6 ins. in the ground for Cor. to Secs. 2-3-10-11, marked with 5 notches on S. & 2 notches on E. edges, dug pits 18 x 18 x 12 ins. on each Sec., 5½ ft. dist., & raised a mound of earth 2 ft. high, 4½ ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 2 and 11. Variation 15° 30′ East.
	Over level land.
40.00	Set temporary ¼ sec. cor.
80.30	Intersect N. & S. line, 14 lks. South of cor. to secs. 1-2-11-12 from which corner, I run South 89° 54′ W. on a true line between sections 2-11.
	Variation 15° ~~45′~~ 30′ East.
40.15	Set a sand stone 11x9x3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18x18x12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.30	The corner to sections 2-3-10-11
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, on a random line between Sections 2 and 3. Variation 15° 30′ East.
	Over level land.
40.00	Set temporary ¼ sec. cor.
79.97	Intersect N. B. of Tp., 36 lks. East of cor. to secs. 2-3-34-35 from which corner, I run S. 15 E. on a true line, between sections 2-3
	Variation 15° ~~45′~~ 30′ East.
39.97	Set a sand stone 9x5x4 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18x18x12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.97	The corner to sections 2-3-10-11.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal. Meridian.

North, between Sections 33 and 34.

Variation 15° 45' East.

Chains	
	Descend.
19.90	Cross Gulch, 7 lks. wide, Course East & ascend
36.00	Top of hill bears N. W. & S. E. & descend.
40.00	Set a sand stone 10 x 9 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. & W. of stone 5½ ft. dist. & raised a mound of earth 1½ ft. high, 3½ ft. base.
49.00	Cross Gulch 8 lks. wide, Course N. 35° E. & ascend.
80.00	Set a sand stone 9 x 6 x 3 ins., 6 ins. in the ground for Cor. to Secs. 27-28-33-34 marked with 1 notch on S. & 3 notches on E. edges. dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., & raised a mound of earth 2 ft. high 4½ ft. base
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal. Meridian.

East, on a random line between Sections 27 and 34.

Variation 15° 45' East.

Chains	
	Over level land.
9.00	Leave level land & ascend.
19.00	Top of hill bears N. 50° W. & S. 50° E. & descend.
35.00	Enter Flat bears N. & S.
40.00	Set temporary 1/4 sec. cor.
47.50	Leave Flat bears N. & S. & ascend.
79.96	Intersect N. & S. line, 5 lks. North of cor. to Secs. 26-27-34-35. from which corner, I run N. 89° 58' W. in a true line between sections 27-34.
	Variation 15° 45' East.
39.98	Set a sand stone 11 x 8 x 3 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face dug pits 18 x 18 x 12 ins., 1/4 N. & S. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
79.96	The corner to sections 27-28-33-34.
	Land level & hilly.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 27 and 28. Variation 15° 45' East.
	Over level ground.
10.50	Leave Flat bears N. 50° W. & S. 50° E. & ascend.
21.00	Top of hill bears N. 35° W. & S. 35° E. & descend.
40.00	Set a sand stone 14 x 11 x 7 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. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
80.00	Set a sand stone 13 x 9 x 7 ins. 9 ins. in the ground for Cor. to Secs. 21-22-27-28 marked with 2 notches on S. & 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. & raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 22 and 27. Variation 15° 45' East.
	Ascend.
26.00	Edge of Table land bears N. W. & S. E.
40.00	Set temporary 1/4 Sec. cor.
80.07	Intersect N. & S. line, 17 lks. South of cor. to secs. 22-23-26-27 from which corner, I run S. 89° 53' W. on a true line between sections 22-27. Variation 15° 45' East.
40.04	Set a sand stone 13 x 8 x 6 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face dug pits 18 x 18 x 12 ins., N. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.07	The corner to sections 21-22-27-28.
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 21 and 22. Variation 15° 45' East.
	Ascend.
40.00	Set a Sand Stone 9x7x5 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face dug pits, 18x18x12 ins., O. and W. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base.
47.50	Top of hill bears E. & W. and descend.
80.00	Set a Sand stone 13x9x4 ins., 8 ins. in the ground for Cor. to Secs. 15-16-21-22 marked with 3 notches on S. and 3 notches on E. edges, dug pits 18x18x12 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.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 15 and 22. Variation 15° 45' East.
	Over level ground.
31.00	Leave Flat bears N. & S. and ascend.
40.00	Set temporary 1/4 sec. cor. on Edge of table land bears N. & S. and descend.
79.81	Intersect N. & S. line, 49 lks. South of cor. to secs. 14-15-22-23 from which corner Sun S. 89° 39' W. on a true line between sections 15-22.
	Variation 15° 45' East.
39.91	Set a sand stone 9x7x6 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins. N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.81	The corner to sections 15-16-21-22
	Land level and rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 15 and 16. Variation 15° 40' East.
7.50	Leave Flat bears N. 30° W. & S. 30° E. and ascend.
29.50	Top of hill bears N. 30° W. & S. 30° E. and descend.
32.70	Cross Gulch 50 lks. wide, Course S. 30° E.
40.00	Set a sand stone 11x9x7 ins., 9 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.
54.50	Cross Low Sag and ascend.
64.50	Top of Ridge bears N. W. & S. E. and descend.
71.00	Cross Low Sag and ascend.
80.00	Set a Sand Stone 13x9x7 ins. 8 ins. in the ground for Cor. to Secs. 9-10-15-16 marked with 4 notches on S. and 3 notches on E. 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 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 10 and 15. Variation 15° 45' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
54.00	Top of Ridge bears N. 50° W. & S. 50° E. and descend.
80.15	Intersect N. & S. line, 21 lks. South of cor. to secs. 10-11-14-15 from which corner, I run N. 89° 51' W. on a true line between sections 10-15.
	Variation 15° ~~45'~~ 45' East.
40.08	Set a sand stone 11x10x4 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits 18x18x12 ins., N. and S. of stone, 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.15	The corner to sections 9-10-15-16.
	Land mountainous.
	Soil 2d. rate.
	Vegetation Bunchgrass.
	Aug. 24. 1881

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 15° 45' East.
	Ascend.
13.50	Top of hill bears E. & W. & descend.
20.00	Enter Flat bears E. & W.
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. & W. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a sand stone 11 x 7 x 8 ins. 9 ins. in the ground for Cor. to Secs. 3-4-9-10 marked with 5 notches on S. & 3 notches on E. edges, dug pits 18 x 18 x 12 ins. on each Sec. 5½ ft. dist. & raised a mound of earth 2 ft. high, 4½ ft. base
	Land level & hilly.
	Soil 2d. & 3d. rate
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 3 and 10. Variation 15° 45' East.
	Over level ground.
14.00	Leave Flat bears N. 70° W. & S. 70° E. & ascend.
40.00	Set temporary 1/4 sec. cor.
56.00	Top of hill bears N. 30° W. & S. 30° E. & descend.
65.50	Enter Flat bears N. & S.
79.80	Intersect N. & S. line 35 lks. South of cor. to secs. 2-3-10-11 from which corner, I run S. 89° 45' W. on a true line between sections 3-10 Variation 15° 45' East.
39.90	Set a sand stone 10 x 7 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. N. & S. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base
79.80	The corner to sections 3-4-9-10.
	Land level & hilly.
	Soil 2d. rate
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	North, on a random line between Sections 3 and 4. Variation 15° 45' East.
4.00	Leave Flat bears E. & W. & ascend.
40.00	Set temporary 1/4 sec. cor.
48.00	Top of Ridge bears N. 80° W. & S. 80° E. & descend.
80.28	Intersect N. B. of Tp. 20 lks East of cor. to secs. 3-4-33-34 from which corner, Iron S. 9 E. on a true line between sections 3-4.
	Variation 15° 45' East.
40.28	Set a sand stone 9x8x7 ins., 6 ins. in the ground for 1/4 Sec. Cor., marked 1/4 on W. face dug pits, 18x18x12 ins., E. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.28	The corner to sections 3-4-9-10.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 32 and 33. Variation 15° 45' East.
	Ascend.
17.00	Top of hill bears N. 70° E. & S. 70° W. & descend.
21.90	Cross Gulch 5 lks. wide, Course N. 30° E. & ascend.
40.00	Set a sand stone 9x7x3 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits 18x18x12 ins., E. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base.
48.00	Top of hill bears E. & W. and descend.
73.20	Cross Gulch, 6 lks. wide, Course East & ascend.
80.00	Set a sand stone 10x10x9 ins. 6 ins. in the ground for Cor. to Secs. 28-29-32-33 marked with 1 notch on S. & 4 notches on E. edges dug pits 18x18x12 ins. in each Sec., 5 1/2 ft. dist., & raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33. Variation 15° 45' East.
	Descend.
9.10	Cross Gulch 100 lks. wide, Course N 40 W. & ascend.
13.00	Top of hill bears N. & S. & descend.
17.00	Cross low Sag & ascend.
22.00	Top of hill bears N. & S. & descend.
31.00	Cross Gulch 40 lks. wide, Course South & ascend.
40.00	Set temporary 1/4 sec. cor.
80.21	Intersect N. & S. line 24 lks. South of cor. to Secs. 27-28-33-34 from which corner, I run S. 89° 50' W. on a true line, between sections 28-33. Variation 15° 45' East.
40.11	Set a sand stone 15 x 4 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. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 ft. base.
80.21	Land hilly. Sec. Cor. 28 2 4 32 3 33
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 28 and 29. Variation 15° 45' East.
	Descend.
6.00	Cross low Sag & ascend.
18.00	Top of hill bears E. & W. & descend.
40.00	Set a sand stone 9 x 7 x 7 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. & W. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
45.00	Cross low Sag & ascend.
61.00	Top of Ridge, bears E. & W. & descend.
71.90	Cross Gulch, 16 lks. wide, Course East, & ascend.
76.00	Top of Ridge, bears E. & W. & descend.
80.00	Set a sand stone 18 x 8 x 8 ins. 12 ins. in the ground for Cor. to Secs. 20-21-28-29 marked with 2 notches on S. & 4 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. & raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 21 and 28. Variation 15° 25' East.
	Ascend.
7.00	Enter Flat bears E. + W.
40.00	Set temporary 1/4 sec. cor.
79.73	Intersect N. + S. line, 27 lks. South of cor. to secs. 21-22-27-28 from which corner, runs S. 89° 48' W. on a true line between sections 21-28.
	Variation 15° ~~45'~~ 25' East.
39.87	Set a sand stone 18x6x4 ins, 12 ins. in the 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.
79.73	The corner to sections 20-21-28-29.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal. Meridian.

Chains	North, between Sections 20 and 21. Variation 15° 25' East.
	Descend.
3.50	Cross Gulch, 50 lks. wide, Course East and ascend.
10.00	Top of Ridge, bears N. 50° W. + S. 50° E. and descend.
16.00	Cross low Sag and ascend.
31.00	Top of hill bears N. 40° E. + S. 40° W. and descend.
40.00	Set a sand stone 11x6x5 ins., 9 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
48.00	Cross low Sag and ascend
53.00	Top of hill bears N. 40° E. + S. 40° W. and descend
65.00	Cross low Sag and ascend.
71.00	Top of hill bears N. 40° E. + S. 40° W. and descend.
80.00	Set a sand stone 14x10x9 ins., 10 ins. in the ground for Cor. to Secs. 16-17-20-21, marked with 3 notches on S. and 4 notches on E. edges, dug pits 18x18x12 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 2d. + 3d. rate. — Vegetation Bunchgrass

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 16 and 21., Variation 15° 45 East.
	Descend.
30.00	Cross low Sag & ascend.
40.00	Set temporary 1/4 sec. cor.
79.69	Intersect N. & S. line 34 lks. South of cor. to secs. 15-16-21-22 from which corner, I run S. 89° 45' W. on a true line between sections 16-21.
	Variation 15° 45' East.
39.85	Set a sand stone 11x10x5 ins. 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
79.69	The corner to sections 16-17-20-21.
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 16 and 17. Variation 15° 45' East.
	Ascend.
16.00	Top of hill bears N. 50° W. & S. 50° E. & descend.
24.00	Cross low Sag & ascend.
34.00	Top of hill bears E. & W. & 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. & W. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base in low Sag & ascend.
50.00	Top of hill bears N. 60° E. & S. 60° W. & descend.
80.00.	Set a sand stone 10x9x9 ins. 6 ins. in the ground for Cor. to Secs. 8-9-16-17 marked with 4 notches on S. & 4 notches on E. edges, dug pits 18x18x12 ins. in each Sec., 5 1/2 ft. dist. & raised a mound of earth 2 ft. high 4 1/2 ft. base in low Sag.
	Land hilly.
	Soil 2d. + 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

East, on a random line between Sections 9 and 16.

Variation 15° 20′ East.

Chains	
	Ascend.
2.50	Top of Ridge, bears N. & S. & descend.
15.00	Cross low Sag & ascend.
31.00	Top of hill bears N. & S. & descend.
40.00	Set temporary ¼ sec. cor.
79.61	Intersect N. & S. line 44 lks. South of cor. to secs. 9-10-15-16 from which corner, Sun S. 89° 41′ W. on a true line between sections 9-16.
	Variation 15° ~~45′~~ 20′ East.
39.81	Set a sand stone 10 x 8 x 8 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. & S. of stone 5½ ft. dist, & raised a mound of earth 6½ ft. high, 5½ ft. base.
79.61	The corner to sections 8-9-16-17.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my Solar compass today, particularly the latitude & reversing apparatus, & found them correct.
	Aug. 25. 1881.

Township 26 N. Range 55 W.
6th Principal. Meridian.

North, between Sections 8 and 9.

Variation 15° 20′ East.

Chains	
	Descend.
6.00	Cross low Sag & ascend.
26.00	Top of hill bears E. & W. & descend.
33.30	Cross low Sag & ascend.
37.40	Top of hill bears E. & W. & descend.
40.00	Set a Sand Stone 9 x 7 x 5 ins., 6 ins. in the ground, for ¼ Sec. Cor. marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. & W. of stone 5½ ft. dist, & raised a mound of earth 1½ ft. high, 3½ ft. base
42.50	Cross Gulch 20 lks. wide, Course East. & ascend.
50.00	Top of Ridge, bears E. & W. & descend.
57.00	Enter Flat bears N. 60° E. & S. 60° W.
80.00	Set a sand stone 9 x 7 x 7 ins., 6 ins., in the ground for Cor. to Secs. 4-5-8-9 marked with 5 notches on S. & 4 notches on E. edges, dug pits, 18 x 18 x 12 ins., in each Sec., 5½ ft. dist, & raised a mound of earth 2 ft. high, 4½ ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal. Meridian.

East, on a random line between Sections 4 and 9.

Variation 15° 45' East.

Chains	
	Over level ground.
36.00	Leave Flat. bears N. 60° W. + S. 60° E. & ascend.
40.00	Set temporary 1/4 sec. cor. on Top of Ridge, bears N. + S. & descend.
79.71	Intersect N. + S. line 27 lks. South of cor. to secs. 3-4-9-10 from which corner, Run S. 89° 48' W. on a true line between sections 4-9
	Variation 15° 45' East.
39.86	Set a sand stone 9 x 7 x 5 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. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.71	The corner to sections 4-5-8-9.
	Land level to 36.00 chs. then mountainous.
	Soil 2d. + 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal. Meridian.

North, on a random line between Sections 4 and 5.

Variation 15° 45' East.

Chains	
	Over level ground.
40.00	Set temporary 1/4 sec. cor.
75.00	Leave Flat bears E. + W. & ascend.
80.23	Intersect N. B. of Tp. 26 lks. East of cor. to secs. 4-5-32-33 from which corner, Run S. 11' E. on a true line between sections 4-5
	Variation 15° 45' East.
40.23	Set a sand stone 10 x 9 x 9 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. & W. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
80.23	The corner to sections 4-5-8-9.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 31 and 32. Variation 15° 45' East.
	Ascend.
39.40	Top of hill bears E. & W. & descend.
40.00	Set a sand stone 14 x 7 x 6 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. & W. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
49.50	Cross low Sag & ascend.
52.00	Top of Spur bears E. & W. & descend.
55.00	Cross low Sag & ascend.
80.00	Set a sand stone 9 x 6 x 5 ins. 6 ins. in the ground for Cor. to Secs. 29-30-31-32 marked with 1 notch on S. & 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. & raised a mound of earth 2 ft. high, 4 1/2 ft. base
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 29 and 32. Variation 15° 30' East.
	Descend.
3.00	Cross Gulch, 30 lks. wide, Course S. 10° E. & ascend.
20.00	Top of hill bears N. & S. & descend.
30.00	Cross Gulch 150 lks. wide, Course S. 40° W. & ascend.
40.00	Set temporary 1/4 sec. cor.
80.31	Intersect N. & S. line 36 lks. North of cor. to secs. 28-29-32-33 from which corner, I run N. 89° 45' W. on a true line between sections 29-32.
	Variation 15° ~~45'~~ 30' East.
40.16	Set a sand stone 17 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. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
80.31	The corner to sections 29-30-31-32.
	Land hilly.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	West, on a random line between Sections 30 and 31. Variation 15° 30′ East.
	Ascend.
8.00	Top of hill bears N. & S. & descend.
28.00	Cross Gulch, 50 lks. wide, S 10° E.
40.00	Set temporary 1/4 sec. cor.
50.00	Cross low Sag & ascend.
82.60	Intersect W. B. of P. 43 lks North of cor. to secs. 30-31-25-36 from which corner, bears N. 89° 42′ E. on a true line, between sections 30-31.
	Variation 15° ~~45′~~ 30′ East.
42.60	Set a sand stone 17x6x4 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins. N. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
82.60	The corner to sections 29-30-31-32.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 29 and 30. Variation 15° 30′ East.
	Ascend.
34.00	Top of hill bears N. 60° W. & S. 60° E. & descend.
40.00	Set a sand stone 17x5x3 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits 18x18x12 ins., E. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
	Edge of Flat bears N. 60° W. & S. 60° E.
80.00	Set a sand stone 9x8x6 ins., 6 ins. in the ground for Cor. to Secs. 19 & 20-29-30 marked with 2 notches on S. & 5 notches on E. edges. dug pits 18x18x12 ins., in each Sec., 5 1/2 ft. dist., & raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15° 45' East.
	Over level ground.
40.00	Set temporary 1/4 sec. cor.
80.19	Intersect N. & S. line 46 lks. South of Cor. to secs. 20-21-28-29 from which corner, I run N. 89° 40' W. on a true line between sections 20-29
	Variation 15° 45'
40.10	Set a sand stone 9x8x6 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins. N. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.19	The corner to Sections 19-20-29-30.
	Land level.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15° 45' East.
30.00	Leave flat bears N. & S. & ascend.
40.00	Set temporary 1/4 sec. cor.
82.56	Intersect W. B. of Tp. 27 lks. North of Cor. to secs. 24-25-19-30 from which corner I run N. 89° 48' E. on a true line between sections 19-30
	Variation 15° 45' East.
42.56.	Set a sand stone 9x6x4 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins. N. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
82.56	The corner to sections 19-20-29-30
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian

Chains	North, between Sections 19 and 20. Variation 15° 45' East.
	Ascend.
40.00	Set a sand stone 16x4x3 ins., 10 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.
62.00	Top of hill bears S. 70° E. & N. 70° W. and descend.
73.00	Cross low Sag and ascend.
80.00	Set a sand stone 10x8x7 ins., 6 ins. in the ground for Cor. to Secs. 17-18-19-20 marked with 3 notches on S. & 5 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 2d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15° 45' East.
	Ascend.
12.00	Top of hill bears S. E. & N. W. and descend.
28.00	Cross Gulch, 30 lks. wide, Course S. 45° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
71.00	Top of hill bears N. & S. and descend.
80.14	Intersect N. & S. line, 21 lks. South of cor. to secs. 16-17-20-21 from which corner, run South 89° 51 W. on a true line between sections 17-20
	Variation 15° 45' East.
40.07	Set a sand stone 16x4x3 ins., 10 ins. in the 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.
80.14	The corner to sections 17-18-19-20.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.
	Aug. 26. 1881.

Township 26 N. Range 55 W.

6th Principal. Meridian

Chains	West, on a random line between Sections 18 and 19. Variation 15° 45' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
82.47	Intersect N. & S. line, 37 lks. North of cor. to secs. ~~7~~-18-19-~~24~~ 30 from which corner I run N. 89° 44' W. on a true line between sections 18-19.
	Variation 15° 45' East.
42.47	Set a sand stone 17 x 6 x 3 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. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
82.47	The corner to sections 17-18-19-20
	Sand rolling
	Soil 2d. & 3d rate
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal. Meridian.

Chains	North, between Sections 17 and 18. Variation 15° 45' East.
	Ascend.
40.00	Set a sand stone 9 x 7 x 3 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. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
60.00	Top of hill bears E. & W. & descend.
80.00	Set a sand stone 9 x 7 x 3 ins. 6 ins. in the ground for Cor. to Secs. 7-8-17-18 marked with 4 notches on S. & 5 notches on E. edges, dug pits, 18 x 18 x 12 ins., in each Sec., 5 1/2 ft. dist., & raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Sand rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian

Chains	East, on a random line between Sections 8 and 17. Variation 15° 45' East.
	Ascend.
15.00	Top of hill bears S. 20° E. & N. 20° W. & descend.
20.00	Cross low Sag & ascend.
40.00	Set temporary 1/4 sec. cor.
42.00	Top of hill bears N. & S. & descend.
79.81	Intersect N. & S. line 49 lks. South of cor. to secs. 8-9-16-17 from which corner, run S. 89° 39' W. on a true line between sections 8-17.
	Variation 15° 45' East.
39.91.	Set a sand stone 9 x 4 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. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
79.81	The corner to sections 7-8-17-18.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	West, on a random line between Sections 7 and 18. Variation 15° 45' East.
	Descend.
40.00	Set temporary 1/4 sec. cor.
48.00	Cross low Sag & ascend.
82.31	Intersect W. B. of Tp. 40 lks. North of cor. to secs. 12-13-7-18 from which corner, run N. 89° 43' E. on a true line between sections 7-18.
	Variation 15° 45' East.
42.31	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. face, dug pits, 18 x 18 x 12 ins., N. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
82.31	The corner to sections 7-8-17-18.
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal Meridian

Chains	North, between Sections 7 and 8
	Variation 15° 45' East.
	Ascend.
40.00	Set a sand stone 13 x 9 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., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
44.30	Top of hill bears E. & W. and descend.
62.80	Cross Gulch, 10 lks. wide, Course W. and ascend.
80.00	Set a sand stone 9 x 8 x 7 ins., 6 ins. in the ground for Cor. to Secs. 5-6-7-8 marked with 5 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec. 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 5 and 8.
	Variation 15° 45' East.
	Descend.
9.00	Enter flat bears N. 40° W. & S. 40° E.
40.00	Set temporary 1/4 sec. cor.
80.13	Intersect N. & S. line, 19 lks. South of cor. to Secs. 4-5-8-9 from which corner, Run S. 89° 52' W. on a true line between sections 5-8.
	Variation 15° 45' East.
40.07	Set a sand stone 10 x 8 x 6 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. & S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.13	The corner to sections 5-6-7-8.
	Land rolling.
	Soil 2d. & 3d. rate;
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian

Chains	West, on a random line between Sections 6 and 7. Variation 15° 45' East.
	Ascend.
9.00	Top of Ridge, bears N. 40° W. & S. 40° E. & descend.
29.00	Enter Flat bears N. 30° W. & S. 30° E.
40.00	Set temporary 1/4 sec. cor.
82.25	Intersect W. B. of Tp. 24 lks North of cor. to secs. 6-7-1-12 from which corner, I run N. 89° 50' E. on a true line between sections 6-7.
	Variation 15° 45' East.
42.25	Set a sand stone 11 x 10 x 5 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits 18 x 18 x 12 ins., N. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
82.25	The corner to sections 5-6-7-8.
	Land mountainous except. in flat.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 26 N. Range 55 W.
6th Principal. Meridian.

Chains	North, on a random line between Sections 5 and 6. Variation 15° 45' East.
	Descend.
14.00	Enter Flat bears N. 35° W. & S. 35° E.
40.00	Set temporary 1/4 sec. cor.
80.17	Intersect N. B. of Tp. 17 lks East of cor. to secs. 5-6-31-32 from which corner I run S. 7' E. on a true line between sections 5-6.
	Variation 15° 38' East.
40.17	Set a sand stone 10 x 8 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. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.17	The corner to sections 5-6-7-8.
	Land rolling except. in flat.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass today, particularly the latitude & reversing apparatus, & found them correct.
	Aug. 27. 1881.

GENERAL DESCRIPTION.

The land in this Tp. is hilly and mountainous with some level portions.
The soil is 2d. & 3d. rate.
The undergrowth consists of Bunchgrass.
It is well adapted to grazing and stock-raising with some agricultural land.

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

The foregoing field notes of the Survey of the Subdivision lines of Township No. 26 North, of Range No. 55 West of the Principal Base and Meridian in the State of Nebraska, Executed by M. F. Benson U. S. Deputy Surveyor under his Contract No. 1. dated May 26th 1881, in the month of August 1881, having been critically examined, the necessary Corrections and Explanations made, the said field notes and the Surveys they describe are hereby approved

Geo. S. Smith
Surveyor General

U. S. Surveyor-General's Office.

Surveyor.

W.

Meridian.

The foregoing Field Notes of the

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in the state of e. Meridian.

Surveyor.

U. S. Deputy Surveyor, under his contr

th. 1881.

th. 1881.

having been critically examined, the nece

rections and explanations made, the said nd. 1881.

and the surveys they describe are hereby

U. S. Surveyor-General for

W. F. Benson Deputy Surveyor.

T. 27 N. R. 55 W.

6 th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 27 N. Range 55 W.

6 th Principal Meridian.

BY

W. F. Benson Deputy Surveyor.

Under his Contract of May 26 th 1881.

Survey Commenced Aug. 29 th 1881.

Survey Completed Sept. 3 rd 1881.

Platted,
Copied for Washington,
Copied for Register,

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

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

..... Meridian.

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

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

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

..... Meridian.

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

..... Meridian.

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

..... Meridian.

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

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

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains From the corner to Sections 35, 36, 1 and 2 on the South boundary, I run North, between Sections 35 and 36

Variation 15° 45' East.

Descend.

30.00 Enter Flat bears E. & W.

40.00 Set a sand stone 18 x 4 x 3 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. 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 9 x 7 x 6 ins. 6 ins. in the ground for Cor. to Secs. 25-26-35-36 marked with 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 level.

Soil 2d. rate.

Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains East, on a random line between Sections 25 and 36.

Variation 15° 45' East.

Descend.

40.00 Set temporary 1/4 sec. cor.

58.00 Cross Gulch, 20 lks. wide, Course S. 30° E. and ascend.

80.14 Intersect E. P. of Tp. 15 lks. South of cor. to which is a mound and pits, with post in S.E. Pit Secs. 30-31 25-36 from which corner, I run S. 89° 54' W. on a true line, between sections 25-36.

Variation 15° ~~20'~~ 45' East.

40.07 Set a sand stone 9 x 6 x 5 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.

80.14 The corner to sections 25-26-35-36.

Land hilly.

Soil 2d. & 3d. rate.

Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian.

Chains	North, between Sections 25 and 26
	Variation 15° 45' East.
	Over level ground.
40.00	Set a sand stone 16 x 4 x 3 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.
52.00	Leave Flat bears E. & W. and ascend.
80.00	Set a sand stone 9 x 6 x 4 ins. 6 ins. in the ground for Cor. to Secs. 23-24-25-26 marked with 2 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land level & hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian.

Chains	East, on a random line between Sections 24 and 25.
	Variation 15° 48' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
45.00	Top of hill bears N. & S. and descend.
79.97	Intersect E. B. of Tp. 44 lks. south of cor. to secs. 24-25-19-30 which is a mound and pits, with post in S.E. pit from which corner, Run S. 89° 41' W. on a true line, between sections 24-25.
	Variation 15° ~~30~~ 48' East.
39.99	Set a sand stone 17 x 6 x 4 ins., 12 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. 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.
79.97	The corner to sections 23-24-25-26.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.

6th. Principal. Meridian.

Chains	North, between Sections 23 and 24. Variation 15° 48' East.
	Descend.
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 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 18 x 6 x 3 ins. 12 ins. in the ground for Cor. to Secs. 13-14-23-24 marked with 3 notches on S. 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 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.

6th. Principal. Meridian.

Chains	East, on a random line between Sections 13 and 24. Variation 15° 45' East.
	Ascend.
30.00	Top of Spur, bears N. & S. and descend.
40.00	Set temporary 1/4 sec. cor.
50.00	Cross low Sag and ascend.
76.00	Top of hill bears S. 20° E. & N. 20° W. and descend.
79.89	Intersect E. B. of Tp. 37 lks. South of cor. to Secs. 18-19-13-24 which is a mound and pits with post in S.E. pit from which corner, Run S. 89° 44 W. on a true line, between sections 13-24.
	Variation 15° 45' East.
39.95	Set a sand stone 17 x 6 x 3 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.
79.89	The corner to sections 13-14-23-24.
	Land mountainous.
	Soil 3rd. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal. Meridian.

Chains	North, between Sections 13 and 14. Variation 15° 45' East.
	Ascend.
30.00	Top of hill, bears E. & W. and descend.
40.00	Set a sand stone 9 x 7 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.
58.00	Cross Gulch, 10 lks. wide, Course N. 50° E. and ascend.
77.00	Top of hill bears E. & W. and descend.
80.00	Set a sand stone 8 x 6 x 3 ins. 6 ins. in the ground for Cor. to Secs. 11-12-13-14 marked with 4 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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.

Township 27 N. Range 55 W.
6 th. Principal. Meridian.

Chains	East, on a random line between Sections 12 and 13. Variation 15° 45' East.
	Descend.
35.00	Cross Gulch, 30 lks. wide, Course N. 20° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
60.00	Top of hill bears N. & S. and descend.
74.00	Cross Gulch, 15 lks. wide, Course North and ascend.
79.93	Intersect E. B. of Tp. 55 lks. South of cor. to which is a mound and pits with post in S.E. pit Secs. 12-13-7-18 from which corner, Trun S. 89° 36' W. on a true line, between sections 12-13.
	Variation 15° 45' East.
39.97	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.
79.93	The corner to sections 11-12-13-14.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian,

Chains	North, between Sections 11 and 12. Variation 15° 45' East.
	Descend.
10.00	Cross Gulch, 12 lks. wide, Course East and ascend.
14.00	Top of hill bears E. & W. and descend.
40.00	Set a sand stone 9 x 6 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. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base.
46.00	Enter Flat bears E. & W.
80.00	Set a sand stone 17 x 6 x 4 ins. 12 ins. in the ground for Cor. to Secs. 1-2-11-12 marked with 5 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 15° 45' East.
	Over level ground.
15.00	Leave Flat bears N. & S. and ascend.
25.00	Top of hill bears N. & S. and descend.
35.00	Enter Flat bears N. & S.
40.00	Set temporary 1/4 sec. cor.
79.86	Intersect E. B. of Tp. 34 lks. South of cor. to Secs. 6-7-1-2 from which point a mound and pits with post 4 ins. S. E. bears S. 89° 45' W. on a true line between sections 1-12.
	Variation 15° 45' East.
39.93	Set a sand stone 9 x 7 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., 4 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.
79.86	The corner to sections 1-2-11-12.
	Land level & hilly.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal. Meridian.

Chains	North, on a random line between Sections 1 and 2. Variation 15° 45' East.
	Over level ground.
40.00	Set temporary 1/4 sec. cor.
77.00	Leave Flat bears E. & W. and ascend.
80.21	Intersect N. B. of Tp. 33 lks. East of cor. to secs. 1-2-35-36 from which corner, Drum J. 14 E. on a true line, between sections 1-2.
	Variation 15° 45' East.
40.21	Set a sand stone 7x4x3 ins., 12 ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on N. 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.
80.21	The corner to sections 1-2-11-12.
	Land level.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.
	Aug. 29. 1881.

Township 27 N. Range 55 W.
6 th. Principal. Meridian.

Chains	North, between Sections 34 and 35. Variation 15° 45' East.
	Over rolling ground.
40.00	Set a sand stone 18x6x4 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. 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.
73.00	Leave Flat bears E. & W. and ascend.
80.00	Set a sand stone 11x9x6 ins. 8 ins. in the ground for Cor. to Secs. 26-27-34-35 marked with 1 notch on S. and 2 notches on E. edges, dug pits 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. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 15° 45' East.
	Ascend.
30.00	Top of hill bears W. & E. and descend.
40.00	Set temporary 1/4 Sec. cor.
65.00	Enter Flat bears W. & E.
80.23	Intersect W. & E. line, 55 lks. south of cor. to Secs. 25-26-35-36 from which corner, Run E. 89° 37' N. on true line between sections 26-35.
	Variation 15° 45' East.
40.12	Set a sand stone 8 x 4 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 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.23	The corner to Sections 26-27-34-35.
	Land hilly to 65.00 chs. then level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 26 and 27. Variation 15° 45' East.
	Ascend.
30.00	Top of hill bears E. & W. and descend.
40.00	Set a sand stone 8 x 6 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.
70.00	Cross low Sag and ascend.
80.00	Set a sand stone 18 x 8 x 6 ins. 12 ins. in the ground for Cor. to Secs. 22-23-26-27 marked with 2 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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.

Township 27 N. Range 55 W.

6 th. Principal Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 15° 25' East.
	Descend.
40.00	Set temporary 1/4 sec. cor.
45.00	Cross low flat and ascend.
79.80	Intersect N. & S. line, 17 lks. North of cor. to secs. 23-24-25-26 from which corner, run N. 89° 53' W. on a true line between sections 23-26.
	Variation 15° 25' East.
39.90	Set a sand stone 17x6x4 ins., 12 ins. in the 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.
79.80	The corner to sections 22-23-26-27.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.

6 th. Principal Meridian.

Chains	North, between Sections 22 and 23. Variation 15° 25' East.
	Ascend.
3.00	Top of spur, bears E. & W. and descend.
10.00	Enter Flat bears E. & W.
40.00	Set a sand stone 17x6x4 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. 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	Leave Flat bears E. & W. and ascend.
80.00	Set a sand stone 9x7x5 ins. 6 ins. in the ground for Cor. to Secs. 14-15-22-23 marked with 3 notches on S. 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 & level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 15° 20' East.
	Ascend.
20.00	Top of hill bears N. W. & S. E. and descend.
40.00	Set temporary 1/4 sec. cor.
79.81	Intersect N. & S. line, 20 lks. South of cor. to secs. 13-14-23-24 from which corner, Run S. 89° 51' W. on a true line between sections 14-23.
	Variation 15° ~~15~~ 20' East
39.91	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.
79.81	The corner to sections 14-15-22-23
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian.

Chains	North, between Sections 14 and 15. Variation 15° 20' East.
	Ascend.
7.00	Top of hill bears E. & W. and descend.
40.00	Set a sand stone 19 x 7 x 3 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on S. 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.
75.00	Cross Gulch, 20 lks. wide, Course N. 50° E. and ascend.
79.00	Top of Spur, bears E. & W. and descend.
80.00	Set a sand stone 9 x 8 x 4 ins. 6 ins. in the ground for Cor. to Secs. 11-11-14-15 marked with 4 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist, and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian.

Chains	East, on a random line between Sections 11 and 14. Variation 15° 45' East.
	Descend.
2.70	Cross Gulch, 20 lks. wide, Course N. 20° W. and ascend.
40.00	Set temporary 1/4 sec. cor.
	Top of hill bears N. & S. and descend.
80.17	Intersect N. & S. line, 21 lks. south of cor. to secs. 11-12-13-14 from which corner I run S. 89° 51' W. on a true line between sections 11-14.
	Variation 15° 45' East.
40.09	Set a sand stone 17 x 4 x 3 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 2 1/2 ft. high, 3 1/2 ft. base.
80.17	The corner to sections 10-11-14-15.
	Land rolling
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian.

Chains	North, between Sections 10 and 11. Variation 15° 45' East.
	Descend.
3.81	Cross Gulch, 20 lks. wide, Course N. 30° W. and ascend.
10.00	Top of spur, bears E. & W. and descend.
15.00	Cross Gulch, 30 lks. wide, Course N. 45° W. and ascend.
32.00	Top of hill bears N.E. & S.W. and descend.
40.00	Set a sand stone 9 x 8 x 7 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 2 1/2 ft. high, 3 1/2 ft. base.
80.00	Set a sand stone 11 x 7 x 3 ins. 8 ins. in the ground for Cor. to Secs. 2-3-10-11 marked with 5 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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.

Township 27 N. Range 55 W.
6 th. Principal Meridian,

Chains	East, on a random line between Sections 2 and 11. Variation 15° 45' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
80.23	Intersect W. B. line, 16 lks. South of cor. to secs. 1-2-11-12 from which corner, Drum f. 89° 53' W. on a true line between sections 2-11.
	Variation 15° 45' East.
40.12	Set a sand stone 8 x 6 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., 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.
80.23	The corner to sections 2-3-10-11.
	Land rolling
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian.

Chains	North, on a random line between Sections 2 and 3. Variation 15° 45' East.
	Descend.
33.00	Enter Flat bears N. E. & S. W.
40.00	Set temporary 1/4 sec. cor.
80.30	Intersect N. B. of Tp. 41 lks. West of cor. to secs. 2-3-34-35 from which corner, Drum f. 18' W. on a true line, between sections 2-3.
	Variation 15° 45' East.
40.30	Set a sand stone 9 x 8 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.
80.30	The corner to sections 2-3-10-11.
	Land hilly to 33.00 chs. then level.
	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.
	Aug. 30. 1881.

Township 27 N. Range 55 W.
6 th. Principal. Meridian.

Chains	North, between Sections 33 and 34. Variation 15° 40' East.
	Descend.
20.00	Cross low Sag and ascend.
40.00	Set a sand stone 11x8x5 ins., W. 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.
76.00	Top of hill bears N. 70° W. & S. 70° E. and descend.
80.00	Set a sand stone 19x10x6 ins. 12 ins. in the ground for Cor. to Secs. 27-28-33-34 marked with 1 notch on S. and 3 notches on E. edge, 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 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal. Meridian.

Chains	East, on a random line between Sections 27 and 34. Variation 15° 35' East.
	Ascend.
5.00	Top of hill bears N. 20° E. & S. 20° W. and descend.
40.00	Set temporary 1/4 sec. cor.
79.78	Intersect N. & S. line, 17 lks. South of cor. to secs. 26-27-34-35 from which corner, Run S. 89° 53' W. on a true line between sections 27-34.
	Variation 15° 35' East.
39.89	Set a sand stone 13x8x4 ins., 8 ins. in the 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.
79.78	The corner to sections 27-28-33-34.
	Land hilly.
	Soil 2d & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 27 and 28. Variation 15° 35' East.
	Descend.
22.00	Cross low Sag and ascend.
40.00	Set a sand stone 10 x 7 x 3 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.
70.50	Top of hill bears E. & W. and descend.
80.00	Set a sand stone 14 x 8 x 6 ins. 10 ins. in the ground for Cor. to Secs. 21-22-27-28 marked with 2 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 22 and 27. Variation 15° 45' East.
	Descend.
6.40	Cross Gulch, 6 lks. wide, Course North and ascend.
16.50	Top of hill bears N. & S. and descend.
30.00	Cross Gulch, 6 lks. wide, Course South and ascend.
39.00	Top of hill bears N. & S. and descend.
40.00	Set temporary 1/4 Sec. Cor.
80.27	Intersect W. 1/4 line, 63 lks. South of Cor. to Secs. 22-23-26-27 from which corner, run S. 89° 33' W. on a true line between sections 22-27.
	Variation 15° 45' East
40.14	Set a sand stone 9 x 7 x 6 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. 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.
80.27	The corner to sections 21-22-27-28.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

North, between Sections 21 and 22.

Variation 15° 45' East.

Chains	
	Descend.
30.00	Enter Flat bears E. & W.
40.00	Set a sand stone 9 x 6 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.
44.00	Leave Flat bears E. & W. and ascend.
64.50	Top of Spur, bears E. & W. and descend.
73.00	Cross Gulch, 6 lks. wide, Course N. 37° W. and ascend.
78.00	Top of hill bears E. & W. and descend.
80.00	Set a sand stone 18 x 14 x 10 ins. 12 ins. in the ground for Cor. to Secs. 15-16-21-22 marked with 3 notches on S. and 3 notches on E. edges and raised a mound of stone. Pits impracticable.
	Land level & hilly.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

East, on a random line between Sections 15 and 22.

Variation 15° 45' East.

Chains	
	Descend.
6.80	Cross Gulch, 15 lks. wide, Course N. 7° W. and ascend.
19.00	Top of Ridge, bears N. 15° W. & S. 15° E. and descend.
40.00	Set temporary 1/4 sec. cor.
57.50	Cross low Sag and ascend.
80.10	Intersect N. & S. line, 149 lks. South of cor. to Secs. 14-15-22-23 from which corner, found S. 89° 39' W. on a true line between sections 15-22.
	Variation 15° 45' East.
40.05	Set a sand stone 9 x 6 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., 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.
80.10	The corner to sections 15-16-21-22
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 15 and 16. Variation 15° 45' East.
	Descend.
9.50	Cross Gulch, 6 lks. wide, Course N. 70° W. and ascend.
32.00	Top of hill bears N. 25° W. & S. 25° E. and descend.
40.00	Set a sand stone 11 x 8 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 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. 9-10-15-16 marked with 4 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec, 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.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 10 and 15. Variation 15° 20' East.
	Ascend.
10.50	Top of hill bears N. 40° W. & S. 40° E. and descend.
29.51	Cross Gulch, 10 lks. wide, Course N. 35° W. and ascend.
40.00	Set temporary 1/4 sec. cor.
79.74	Intersect W. & S. line, 50 lks. south of cor. to secs. 10-11-14-15 from which corner, run S. 89° 39' W. on a true line between sections 10-15.
	Variation 15° ~~45'~~ 20' East.
39.87	Set a sand stone 12 x 8 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., 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.
79.74	The corner to sections 9-10-15-16.
	Land hilly.
	Soil 2d & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 15° 20' East.
	Ascend.
40.00	Set a sand stone 14x10x6 ins. 10 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.
47.00	Top of Spur, bears N. 30° E. & S. 30° W. and descend.
50.00	Enter Flat bears N. 30° E. & S. 30° W.
80.00	Set a sand stone 13x9x7 ins. 8 ins. in the ground for Cor. to Secs. 3-4-9-10 marked with 5 notches on S. and 3 notches on E. edges, dug pits 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 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian.

Chains	East, on a random line between Sections 3 and 10. Variation 15° 25' East.
	Over level ground.
21.00	Leave Flat bears N. & S. and ascend.
40.00	Set temporary 1/4 sec. cor.
79.83	Intersect N. & S. line, 41 lks. south of cor. to secs. 2-3-10-11 from which corner, Sun S. 89° 42' W. on a true line between sections 3-10.
	Variation 15° 25' East.
39.92	Set a sand stone 10x9x8 ins. 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 15x15x12 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.
79.83	The corner to sections 3-4-9-10.
	Land rolling & level.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.

6th Principal Meridian.

Chains	North, on a random line between Sections 3 and 4. Variation 15° 25' East.
	Over level ground.
40.00	Set temporary 1/4 sec. cor.
80.07	Intersect W. B. of Tp. 39 lks. East of cor. to secs. 3-4-33-34 from which corner, Run S. 17 E. on a true line, between sections 3-4. Variation 15° 30' East.
40.04	Set a sand stone 9 x 8 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.
80.07	The corner to sections 3-4-9-10.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.
	Aug. 31. 1881.

Township 27 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 32 and 33. Variation 15° 40' East.
	Ascend.
20.50	Top of hill bears S. E. & N. W. and descend.
30.00	Cross low Sag and ascend.
36.00	Top of hill bears E. & W. and descend.
40.00	Set a sand stone 5 x 4 x 3 ins., 4 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.
45.00	Enter Flat bears E. & W.
75.00	Leave Flat bears E. & W. and ascend.
80.00	Set a sand stone 17 x 7 x 6 ins. 12 ins. in the ground for Cor. to Secs. 28-29-32-33 marked with 1 Notch on S. 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.
	Land hilly.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33. Variation 15° 45' East.
	Descend.
10.00	Enter Flat bears E. & W.
40.00	Set temporary 1/4 sec. cor.
79.81	Intersect N. & S. line, 19 lks. south of cor. to secs. 27-28-33-34 from which corner bears S. 89° 52' W. on a true line between sections 28-33. V. 15° 45' East
39.91	Set a sand stone 9 x 9 x 8 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.
79.81	The corner to sections 28-29-32-33
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 28 and 29. Variation 15° 45' East.
	Ascend.
9.50	Top of hill bears E. & W. and descend.
15.00	Enter Flat bears E. & W.
39.00	Leave Flat bears E. & W. and ascend.
40.00	Set a sand stone 17 x 5 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. & W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
61.00	Top of hill bears S. E. & N. W. and descend.
80.00	Set a sand stone 16 x 6 x 2 ins. 10 ins. in the ground for Cor. to secs. 20-21-28-29 marked with 2 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land hilly.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 21 and 28. Variation 15° 45' East.
	Ascend.
35.00	Top of hill bears N. & S. and descend.
40.00	Set temporary 1/4 sec. cor.
79.91	Intersect N. & S. line, 51 lks. South of cor. to secs. 21-22-27-28 from which corner, Run S. 89° 38' W. on a true line between sections 21-28.
	Variation 15° 45' East.
39.96	Set a sand stone 13 x 6 x 4 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. & S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.91	The corner to sections 20-21-28-29.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 20 and 21. Variation 15° 45' East.
	Ascend.
7.00	Top of hill bears E. & W. and descend.
23.00	Cross low Sag and ascend.
35.00	Top of hill bears E. & W. and descend.
40.00	Set a sand stone 16 x 5 x 4 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.
43.50	Cross Gulch, 100 lks. wide, Course S. 60° E. and ascend.
80.00	Set a sand stone 10 x 7 x 6 ins. 6 ins. in the ground for Cor. to Secs. 16-17-20-21 marked with 3 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.

6th Principal Meridian.

East, on a random line between Sections 16 and 21.

Variation 15° 40' East.

Chains	
	Ascend.
9.00	Top of Ridge, bears N. & S. and descend.
17.00	Cross low Sag and ascend.
31.00	Top of hill bears N. & S. and descend.
40.00	Set temporary 1/4 sec. cor.
80.04	Intersect N. & S. line, 40 lks. South of cor. to secs. 15-16-21-22 from which corner, run S. 89° 43' W. on a true line between sections 16-21.
	Variation 15° 40' East.
40.02	Set a sand stone 8 x 7 x 7 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.
80.04	The corner to sections 16-17-20-21.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.

6th Principal Meridian.

North, between Sections 16 and 17.

Variation 15° 40' East.

Chains	
	Descend.
19.00	Cross low Sag and ascend.
28.00	Top of Ridge, bears E. & W. and descend.
36.00	Cross low Sag and ascend.
40.00	Set a sand stone 14 x 4 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. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
43.00	Top of Ridge, bears E. & W. and descend.
50.00	Cross low Sag and ascend.
58.00	Top of hill bears N. & S. E. and descend.
80.00	Set a sand stone 16 x 7 x 6 ins. 6 ins. in the ground for Cor. to Secs. 8-9-16-17 marked with 4 notches on S. 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.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16. Variation 15° 30' East.
	Ascend.
5.00	Top of Ridge, bears N. & S. and descend.
13.80	Cross Gulch, 8 lks. wide, Course South and ascend.
28.00	Top of hill bears N. & S. and descend.
40.00	Set temporary 1/4 sec. cor.
80.17	Intersect N. & S. line, 37 lks. South of cor. to secs. 9-10-15-16 from which corner, I run S. 89° 44' W. on a true line between sections 9-16.
	Variation 15° 30' East.
40.09	Set a sand stone 16 x 5 x 4 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.
80.17	The corner to sections 8-9-16-17.
	Land, mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 8 and 9. Variation 15° 30' East.
	Ascend.
6.00	Top of Ridge, bears E. & W. and descend.
40.00	Set a sand stone 14 x 3 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. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
78.00	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. 4-5-8-9 marked with 5 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation 15° 45' East.
	Ascend.
25.00	Top of hill bears W. & E. and descend.
40.00	Set temporary 1/4 sec. cor.
79.71	Intersect W. & E. line, 40 lks. South of cor. to secs. 3-4-9-10 from which corner, I run E. 89° 45' W. on a true line between sections 4-9.
	Variation 15° 45' East.
39.86	Set a sand stone 17 x 6 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. N. and E. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base.
79.71	The corner to sections 4-5-8-9.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	North, on a random line between Sections 4 and 5. Variation 15° 45' East.
	Ascend.
10.00	Top of hill bears E. & W. and descend.
16.00	Cross low Sag and ascend.
21.00	Top of hill bears N. 50° E. & S. 50° W. and descend.
40.00	Set temporary 1/4 sec. cor.
79.59	Intersect N. & S. of Tp. 36 lks. East of cor. to secs. 4-5-32-33 from which corner, I run S. 15 E. on a true line between sections 4-5.
	Variation 15° 45' East.
39.59	Set a sand stone 16 x 5 x 4 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.
79.59	The corner to sections 4-5-8-9.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.
	Sept. 1. 1881.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 31 and 32. Variation 15° 30' East.
	Over level ground.
40.00	Set a sand stone 10 x 9 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. & W. 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	Leave Flat bears E. & W. and ascend.
86.00	Set a sand stone 11 x 8 x 4 ins. 6 ins. in the ground for Cor. to Secs. 29-30-31-32, marked with 1 notch on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land level to 57.00 chs. then hilly.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 29 and 32. Variation 15° 35' East.
	Ascend.
4.00	Top of hill bears N. 40° W. & S. 40° E. and descend.
18.00	Cross Gulch, 7 lks. wide, Course S. 40° E. and ascend.
23.00	Top of hill bears N. 50° W. & S. 50° E. and descend.
31.00	Cross Gulch, 100 lks. wide, Course S. 54° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
80.24	Intersect N. & S. 1/4 line, 12 lks. south of cor. to secs. 28-29-32-33 from which corner bears S. 89° 55' W. on a true line between sections 29-32.
	Variation 15° ~~45~~ 35' East.
40.12	Set a sand stone 12 x 9 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.
80.24	The corner to sections 29-30-31-32.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	West, on a random line between Sections 30 and 31. Variation 15° 35' East.
	Descend.
20.00	Cross Gulch, 10 lks. wide, Course S. 16° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
54.50	Top of hill bears N. 15° W. & S. 15° E. and descend.
82.48	Intersect W. B. of Tp. 29 lks. South of cor. to secs. 30-31-25-36 from which corner run S. 89° 48' E. on a true line between sections 30-31.
	Variation 15° 35' East.
42.48	Set a sand stone 12 x 7 x 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. 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.
82.48	The corner to sections 29-30-31-32.
	Land rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 29 and 30. Variation 15° 35' East.
	Ascend.
27.00	Top of hill bears N. W. & S. E. and descend.
29.00	Cross low Sag and ascend.
40.00	Set a sand stone 19 x 9 x 7 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.
63.00	Top of Ridge, bears E. & W. and descend.
80.00	Set a sand stone 11 x 9 x 7 ins. 8 ins. in the ground for Cor. to Secs. 19-20-29-30 marked with 2 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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.

Township 27 N. Range 55 W.
6th Principal Meridian.

East, on a random line between Sections 20 and 29.

Variation 15° 45' East.

Chains	
	Descend.
2.00	Cross low Sag and ascend.
40.00	Set temporary 1/4 sec. cor.
80.10	Intersect N. 1/4 line, 42 lks. South of cor. to secs. 20-21-28-29 from which corner, Sun f. 89° 42' W. on a true line between sections 20-29.
	Variation 15° 45' East.
40.05	Set a sand stone 12 x 7 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 f. of stone 5 1/2 ft. disk and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base.
80.10	The corner to sections 19-20-29-30.
	Land rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

West, on a random line between Sections 19 and 30.

Variation 15° 45' East.

Chains	
	Ascend.
11.00	Top of Ridge, bears W. 1 f. and descend.
40.00	Set temporary 1/4 sec. cor.
81.84	Intersect W. B. of Tp. 49 lks. North of cor. to secs. 24-25-19-30 from which corner, Sun N. 89° 59' E. on a true line, between sections 19-30.
	Variation 15° 45' East.
41.84	Set a sand stone 18 x 11 x 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., N. and f. of stone 5 1/2 ft. disk, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
81.84	The corner to sections 19-20-29-30.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 19 and 20. Variation 15° 45' East.
	Descend.
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 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 sand stone 18 x 7 x 6 ins. 12 ins. in the ground for Cor. to Secs. 17-18-19-20 marked with 3 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. disk, and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15° 45' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
79.67	Intersect N. 1/4 line, 41 lks. South of cor. to secs. 16-17-20-21 from which corner, Run S. 89° 42' W. on a true line between sections 17-20.
	Variation 15° 45' East.
39.84	Set a sand stone 16 x 4 x 2 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. disk, and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base.
79.67	The corner to sections 17-18-19-20.
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian

Chains	West, on a random line between Sections 18 and 19. Variation 15° 45' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
45.00	Top of Spur, bears N. & S. and descend.
56.00	Cross low Sag and ascend.
60.00	Top of Spur, bears N. & S. and descend.
81.43	Intersect W. B. of Tp. 35 lks. North of cor. to Secs. 18-19-13-24 from which corner, I run N. 89° 45' E. on a true line, between sections 18-19.
	Variation 15° 45' East.
41.43	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. & S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base.
81.43	The corner to sections 17-18-19-20.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal Meridian.

Chains	North, between Sections 17 and 18. Variation 15° 45' East.
	Descend.
20.00	Cross Gulch, 20 lks. wide, Course N. 30° W. and ascend.
40.00	Set a sand stone 19 x 6 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. & W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base.
60.00	Top of hill bears E. & W. and descend.
80.00	Set a sand stone 18 x 7 x 6 ins. 12 ins. in the ground for Cor. to Secs. 7-8-17-18 marked with 4 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each sec., 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.

Township 27 N. Range 55 W.
6th Principal Meridian

Chains	East, on a random line between Sections 8 and 17. Variation 15° 45' East.
	Ascend.
5.00	Top of hill bears N. & S. and descend.
40.00	Set temporary 1/4 sec. cor.
80.22	Intersect N. & S. 1/4 line, 22 lks. South of cor. to secs. 8-9-16-17 from which corner, I run S. 89° 51' W. on a true line between sections 8-17.
	Variation 15° 45' East.
40.11	Set a sand stone 9 x 8 x 4 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.
80.22	The corner to sections 7-8-17-18.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass to day, particularly the latitude and reversing apparatus, and found them correct.
	Sept. 2. 1881.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18. Variation 15° 45' East.
	Descend.
10.00	Cross Gulch, 12 lks. wide, Course N. 20° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
80.91	Intersect W. B. 1/4 of Tp. 20 lks. North of cor. to secs. 12-13-7-18 from which corner, I run N. 89° 51' E. on a true line, between sections 7-18.
	Variation 15° 45' East.
40.91	Set a sand stone 17 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.
80.91	The corner to sections 7-8-17-18.
	Land rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6th Principal Meridian

Chains	North, between Sections 7 and 8
	Variation 15° 45' East.
	Descend.
40.00	Set a sand stone 9x8x4 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. 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.
45.00	Cross Gulch, 20 lks. wide, Course N. 30° W. and ascend.
54.00	Top of hill bears E. & W. and descend.
70.50	Cross Gulch, 20 lks. wide, Course N. 10° E. and ascend.
80.00	Set a sand stone 18x6x4 ins. 12 ins. in the ground for Cor. to Secs. 5-6-7-8 marked with 5 notches on S. and 5 notches on E. edges, dug pits 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.

Township 27 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 5 and 8.
	Variation 15° 45' East.
	Descend.
5.00	Cross Gulch, 20 lks. wide, Course N. 10° W. and ascend.
20.00	Enter Flat bears N. & S.
40.00	Set temporary 1/4 sec. cor.
80.09	Intersect N. & S. line, 19 lks. south of cor. to secs. 4-5-8-9 from which corner, Run S. 89° 52' W. in a true line between sections 5-8.
	Variation 15° 45' East.
40.05	Set a sand stone 17x6x4 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. and S. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.09	The corner to sections 5-6-7-8.
	Land hilly to 20.00 chs. then level.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal. Meridian

Chains	West, on a random line between Sections 6 and 7. Variation 15° 45' East.
	Ascend.
40.00	Set temporary ¼ sec. cor.
80.25	Intersect N. B. of Tp. 31 lks. North of cor. to secs. 6-7-1-12 from which corner, Run N. 89° 47' E. on a true line, between sections 6-7.
	Variation 15° 45' East.
40.25	Set a sand stone 19 x 5 x 3 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.
80.25	The corner to sections 5-6-7-8.
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 27 N. Range 55 W.
6 th. Principal. Meridian.

Chains	North, on a random line between Sections 5 and 6. Variation 15° 45' East.
	Descend.
20.00	Cross Gulch, 20 lks. wide, Course N. 10° W. and ascend.
40.00	Set temporary ¼ sec. cor.
50.00	Top of hill bears E. & W. and descend.
80.13	Intersect N. B. of Tp. 17 lks. East of cor. to secs. 5-6-31-32 from which corner, Run S. 7° E. on a true line, between sections 5-6.
	Variation 15° 45' East.
40.13	Set a sand stone 18 x 4 x 3 ins., 12 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.
80.13	The corner to sections 5-6-7-8.
	Land hilly.
	Soil 2d. rate.
	Vegetation Bunchgrass.
	Sept. 3. 1881.

GENERAL DESCRIPTION.

The land in this Township is generally hilly with some level portions.
The soil is 2d. & 3d. rate.
The vegetation consists of Bunchgrass.
The land is well adapted to grazing and stockraising and some parts of it are valuable for agriculture.

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

The foregoing field Notes of the Survey of the Subdivision lines of Township No 27 North, of Range No 8 West of the Principal Base and 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 Aug & September 1881. Having been Critically Examined the necessary Corrections & Explanations made, the said field Notes & the Surveys they describe, are hereby approved.

Geo. W. Smith
Surveyor General

U. S. Surveyor-General's Office.

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55 W.

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The foregoing Field Notes of th

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having been critically examined, the n

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and the surveys they describe are hereby

U. S. Surveyor-General for

W. F. Benson. Deputy Surveyor.

T. 28 N. R. 55 W.

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 28 N. Range 55 W.

6th Principal Meridian.

BY

W. F. Benson. Deputy Surveyor.

Under his Contract of May 26th 1881.

Survey Commenced Oct. 3rd 1881

Survey Completed Oct. 8th 1881.

Platted,
Copied for Washington,
Copied for Register,

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

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

.....Meridian.

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

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

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

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

.....Meridian.

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

..... Meridian.

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

..... Meridian.

Survey made with Burt's Patent Improved Solar Compass, nearly new & in first rate order. Made by W. & L. E. Gurley of Troy. N. Y. in 1881.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	From the corner to Sections 35, 36, 1 and 2 on the South boundary, I run North, between Sections 35 and 36. Variation 15° 18' East.
	Over rolling ground.
40.00	Set a sand stone 14x12x12 ins., 10 ins. in the ground for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. & W. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base
80.00	Set a lime stone 12x10x8 ins. 8 ins. in the ground for Cor. to Secs. 25-26-35-36 marked with 1 notch on S. & 1 notch on E. edges dug pits 18x18x12 ins. in each Sec., 5½ ft. dist., & raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 25 and 36. Variation 16° East.
	Over rolling ground.
40.00	Set temporary 1/4 sec. cor.
79.76	Intersect E. B. of Tp. 16 lks. North of cor. to secs. 30-31-25-36 which is a mound & pits with post in S. E. part from which corner, I run N. 89° 53' W. on a true line between sections 25-36.
	Variation ~~15° 15'~~ 16° 00' East.
39.88	Set a sand stone 19x9x5 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. & S. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
79.76	The corner to sections 25-26-35-36.
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	North, between Sections 25 and 26
	Variation 16° East.
	Over rolling ground.
40.00	Set a sand stone 12 x 10 x 9 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. & W. stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.00	Cross Gulch 100 lks. wide, Course East.
80.00	Set a line stone 12 x 12 x 4 ins., 8 ins. in the ground for Cor. to Secs. 23-24-25-26. marked with 2 notches on S. & 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., & raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 24 and 25.
	Variation 16° 9' East.
	Over rolling ground.
5.60	Cross Gulch, 24 lks. wide, Course North, & ascend.
10.40	Top of Spur, bears N. & S. & descend.
40.00	Set temporary 1/4 sec. cor.
79.81	Intersect E. B. of Tp. 28 lks. South of cor. to secs. 24-25-19-30, which is a mound & pits with post in S. E. pit from which corner, run S. 89° 48' W. on a true line, between sections 24-25.
	Variation ~~15°~~ ~~15'~~ 16° 09' East.
39.91	Set a sand stone 10 x 10 x 5 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. & S. of stone 5 1/4 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.81	The corner to sections 23-24-25-26.
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	North, between Sections 23 and 24. Variation 16° 9' East.
	Over rolling ground.
9.10	Cross Gulch, 10 lks. wide. Course East.
40.00	Set a sand stone 12 x 14 x 10 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., C. & W. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
70.00	Cross low Sag bears C. & W.
80.00	Set a line stone 12 x 9 x 8 ins., 8 ins. in the ground for Cor. to Secs. 13-14-23-24 marked with 3 notches on S. & 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. & raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land rolling
	Soil 3d. rate
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 13 and 24. Variation 16° 15' East.
	Over rolling ground
35.00	Cross low Sag.
40.00	Set temporary 1/4 sec. cor.
80.12	Intersect E. Bl of Tp. 46 Lks. South of cor. to secs. 18-19-13-24 which is a mound & pits, with post in S.E. pit from which corner, I run S. 89° 40' W. on a true line between sections 13-24
	Variation ~~13~~ ~~14~~ 16° 15' East.
40.06	Set a sand stone 12 x 8 x 6 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., C. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.12	The corner to sections 13-14-23-24
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	North, between Sections 13 and 14. Variation 16° 15' East.
	Descend.
20.90	Cross Gulch, 14 lks. wide Course N. 20° W. end ascend.
27.00	Top of Ridge, bears E. + W. end descend.
40.00	Set a sand stone 18 x 9 x 8 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., 1/4 E. end W. of stone 5 1/2 ft. dist. end raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
66.40	Cross Gulch, 10 lks. wide, Course S. 20° W. end ascend.
80.00	Set a sand stone 20 x 12 x 6 ins., 12 ins. in the ground for Cor. to Secs. 11-12-13-14 marked with 4 notches on S. end 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., end raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 12 and 13. Variation 16° 15' East.
	Descend.
20.92	Cross Gulch, 12 lks. wide, Course N. 30° W. end ascend.
27.00	Top of Ridge, bears N. + S. end descend.
40.00	Set temporary 1/4 Sec. Cor.
80.21	Intersect E. B. of Tp. 10 lks. North of Cor. to Secs. 12-13-7-18 which is a mound end pits with post in S.E. pit, from which corner, Run N. 89° 56' W. on a true line, between sections 12-13. Variation ~~15° 15'~~ 16° 15' East.
40.11	Set a sand stone 12 x 10 x 9 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. end S. of stone 5 1/2 ft. dist., end raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.21	The corner to sections 11-12-13-14.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 11 and 12. Variation 16° 15' East.
	Descend.
18.00	Cross Gulch 60 lks. wide, Course S. 70° W. & ascend.
25.00	Top of Ridge, bears E. & W. & descend.
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. & W. of stone 5 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.00	Set a lime stone, 12 x 10 x 10 ins. 8 ins. in the ground for Cor. to Secs. 1-2-11-12 marked with 5 notches on S. & 1 notch on E. edges, dug pits 18 x 18 x 12 ins in each Sec., 5 1/2 ft. dist., & raised a mound of earth 2 ft. high, 4 1/2 ft. base
	Land mountainous
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 16° 9' East.
10.85	Cross Gulch 20 lks. wide, Course N. 60° W.
40.00	Set temporary 1/4 Sec. cor.
80.04	Intersect C.B. of Tp. 8 lks. South of cor. to secs. 6-7-1-12 which is a mound & pits with post in S.E. pit from which corner S. run S. 89° 57' W. in a true line, between sections 1-12.
	Variation ~~15°~~ ~~20'~~ 16° 09' East.
40.02	Set a sand stone 12 x 10 x 8 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. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.04	The corner to sections 1-2-11-12
	Land rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.
	Oct. 3. 1881.

Township 28 N. Range 55 W.
6th Principal. Meridian.

Chains	North, on a ~~random~~ true line between Sections 1 and 2. Variation 16° 9 East.
	Over rolling ground.
13.80	Cross Gulch 20 lks wide, Course W. 70° W.
40.00	Set a sand stone 12x12x4 ins., 8 ins. in the ground for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits 18x18x12 ins., C. & W. of stone 5½ ft. dist. & raised a mound of earth 1½ ft. high, 3½ ft. base.
63.00	Cross Creek 40 lks. wide, Course S. 30° E. & ascend.
71.50	Cross Road, bears N. 50° E. & S. 50° W.
78.04	Intersect Seventh Standard Parallel North, 11.40 chs. West of Standard Cor. to secs 31 & 32 which is a mound & pits with post in E. pit & Set a sand stone 14x14x12 ins., 10 ins. in the ground for closing Cor. to Secs. 1-2 marked C.C. with 5 notches on W & 1 notch on E. edges, dug pits 18x18x12 ins. S. E. & W. of stone 5½ ft. dist. & raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling
	Soil 2d. & 3d rate
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 34 and 35. Variation 15° 18' East.
	Over rolling ground.
40.00	Set a sand stone 19x9x4 ins., 12 ins in the ground for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits 18x18x12 ins. E. & W. of stone 5½ ft. dist. & raised a mound of earth 1½ ft. high, 3½ ft. base
62.00	Leave rolling land bears E. & W. & ascend Bluff.
70.00	Top of hill bears E. & W. & descend
80.00	Set a sand stone 11x4x4 ins. 8 ins. in the ground for Cor. to Secs. 26-27-34 & 35 marked with 1 notch on S. & 2 notches on E. edges dug pits 18x18x12 ins. in each Sec. 5½ ft. dist. & raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling
	Soil 3d. rate
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 15° East.
	Descend.
17.20	Cross low Sag & ascend.
36.00	Top of hill bears N. & S. & descend.
40.00	Set temporary 1/4 sec. cor.
48.00	Cross low Sag & ascend.
79.96	Intersect N. & S. line, 44 lks South of cor. to secs. 25-26-35-36 from which corner, I run S. 89° 41 W. on a true line between sections 26-35.
	Variation ~~16°~~ 15° East.
39.98	Set a sand stone 18x10x4 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits 18x18x12 ins. N. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.96	The corner to sections 26-27-34-35.
	Land hilly.
	Soil 3d rate
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 26 and 27. Variation 15° East.
	Over table land.
40.00.	Set a sand stone 12x10x4 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. & W. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.00	Set a sand stone 12x11x9 ins. 8 ins. in the ground for Cor. to Secs. 22-23-26-27 & marked with 2 notches on S. & 2 notches on E. edges, dug pits 18x18x12 ins. in each Sec., 5 1/2 ft. dist. & raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 15° 9'. East.
	Over table land.
40.00	Set temporary 1/4 sec. cor.
	Leave table land, bears N. & S. & of ascend.
51.50	Top of Spur, bears N. & S. & of descend.
80.06	Intersect N. & S. line, 10 lks. South of cor. to Secs. 23-24-25-26 from which corner, I run N. 89° 56' W. on a true line between sections 23-26.
	Variation ~~16°~~ 15° 9' East.
40.03	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. & S. of stone 3 1/2 ft. dist., & of raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.06	The corner to sections 22-23-26-27.
	Land level & mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 22 and 23. Variation 15° 09. East.
	Over table land.
40.00	Set a granite stone 9 x 6 x 6 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. E. & of N. of stone 3 1/2 ft. dist., & of raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.00	Set a sand stone 14 x 10 x 9 ins. 10 ins. in the ground for Cor. to Secs. 14-15-22-23 marked with 3 notches on S. & 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 3 1/2 ft. dist., & of raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal. Meridian.

East, on a random line between Sections 14 and 23.

Variation 15° East.

Chains	
	Over table land.
40.00	Set temporary ¼ sec. cor.
42.00	Leave table land & descend.
52.00	Enter rolling land.
79.89	Intersect N. & S. line 4 lks. North of cor. to sec. 13-14-23-24 from which corner, I run N. 89°58' W. on a true line between sections 14-23.
	Variation ~~16°~~ 15°50' East.
39.95	Set a granite stone 13x9x5 ins., 8 ins. in the ground for ¼ Sec. Cor., marked ¼ on W. face, & raised a mound of stone. Pits impracticable.
79.89	The corner to sections 14-15-22-23.
	Land rolling.
	Soil 2d. rate.
	Vegetation Bunchgrass

Township 28 N. Range 55 W.
6th Principal. Meridian.

North, between Sections 14 and 15.

Variation 15° East.

Chains	
8.00	Leave table land & ascend.
17.20	Cross Gulch, 30 lks. wide, Course N. W. & ascend.
25.00	Top of Bluff, bears N. W. & S. E. & descend.
32.50	Cross Gulch, 10 lks. wide, Course N. 20° E. & ascend.
37.00	Top of Spur, bears N. E. & S. W. & descend.
40.00	Set a sand stone 13x12x9 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18x18x12 ins. E. & W. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
46.90	Cross Gulch 10 lks wide. Course North & ascend.
70.00	Top of Ridge, bears N. 40° W. & S. 40° E. & descend.
80.00	Set a sand stone 20x10x10 ins. 15 ins. in the ground, for Cor. to Secs. 10-11-14-15 marked with 4 notches on S. & 2 notches on E. edges, dug pits 18x18x12 ins. in each Sec., 5½ ft. dist., & raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 11 and 14. Variation 15° East.
	Descend.
8.93	Cross Gulch, 30 lks. wide, Course N. 40° W. & ascend.
21.00	Top of hill bears N. 30° W. & S. 30° E. & descend.
37.00	Cross Gulch, 200 lks. wide, Course S. 20° W. & ascend.
40.00	Set temporary 1/4 sec. cor.
60.00	Top of Bluff, bears N. W. & S. E. & descend.
79.96	Intersect N. & S. line, 16 lks. South of cor. to Secs. 11-12-13-14 from which corner, I run S. 89° 53' W. on a true line between sections 11-14
	Variation ~~16°~~ 15° 00' East.
39.98	Set a sand stone 13 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. & S. of stone, 5 1/2 ft. dist., & raised a mound 1 1/2 ft. high, 3 1/2 ft. base.
79.96	The corner to sections 10-11-14-15.
	Land hilly.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	North, between Sections 10 and 11. Variation 15° East.
	Descend.
11.25	Cross Gulch, 30 lks. wide, Course N. 38° W. & ascend.
33.00	Top of Spur bears N. W. & S. E. & descend.
40.00	Set a sand stone 11 x 10 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. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
42.80	Cross Gulch, 20 lks. wide, Course N. W. & ascend.
55.00	Top of Spur, bears N. W. & S. E. & descend.
80.00	Set a sand stone 13 x 10 x 7 ins., 8 ins. in the ground for Cor. to Secs. 2-3-10-11, marked with 5 notches on S. & 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. & raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass today, particularly the latitude & reversing apparatus, & found them correct. Oct. 4. 1881.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 2 and 11. Variation 15° 12' East.
	Descend.
4.50	Cross Gulch, 30 lks wide, Course N. 25° W. & ascend.
15.00	Top of Spur, bears N. & S. & descend.
28.00	Cross Gulch, 20 lks. wide, Course North, & ascend.
40.00	Set temporary 1/4 sec. cor.
65.00	Top of Spur, bears N. & S. & descend.
80.20	Intersect N. & S. line, 13 lks. South of cor. to secs. 1-2-11-12 from which corner, Sun S. 89°54' W. on a true line between sections 2-11
	Variation ~~14°~~ 15° 9' East.
40.10	Set a sand stone 10 x 8 x 4 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. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.20	The corner to sections 2-3-10-11.
	Land mountainous
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 2 and 3. Variation 15° 12' East.
	Descend.
4.00	Leave hill bears N.W. & S.E.
21.10	Cross Creek, 20 lks. wide, Course East.
22.98	Cross Creek, 25 lks. wide, Course West.
26.41	Cross Creek, 25 lks. wide, Course East.
40.00	Set a sand stone 12 x 6 x 6 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. & W. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
47.39	Cross Road, bears E. & W.
65.00	Foot of hill bears E. & W. & ascend.
78.19	Intersect Seventh Standard Parallel North 11.20 chains West of Standard cor. to Tp. 29 N. Rs. 54-55 W. which is a limestone in a mound & pits, & Set a sand stone 9 x 4 x 4 ins. 6 ins. in the ground for Closing Cor. to Secs. 2 & 3 marked C. C., with 4 notches on W. & 2 notches on E. edges, dug pits 18 x 18 x 12 ins. S. E. & W. of stone 5 1/2 ft. dist & raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land level to 65.00 chs. then hilly.
	Soil 2d. & 3d. rate - Vegetation Bunch grass

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	North, between Sections 33 and 34. Variation 15° 30′ East.
	Over rolling ground.
40.00	Set a sand stone 9x9x4 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ 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.
80.00	Set a lime stone 9x7x3 ins. 6 ins. in the ground for Cor. to Secs. 27-28-33-34 marked with 1 notch on S. and 3 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 rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 27 and 34. Variation 15° 18′ East.
	Over rolling ground.
40.00	Set temporary ¼ sec. cor.
54.00	To foot of bluff bears N. & S. and descend.
60.00	Top of bluff bears N. & S. and descend.
80.14	Intersect N. & S. line, 6 lks. South of Cor. to Secs. 26-27-34-35 from which corner, Spruce S. 89° 57′ W. on a true line between sections 27-34.
	Variation 15° 18′ East.
40.07	Set a sand stone 11x4x4 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18x18x12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.14	The corner to sections 27-28-33-34.
	Land rolling.
	Soil 3d. & 4d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 27 and 28. Variation 15° 18' East.
	Over rolling ground.
39.00	Foot of Bluff bears E. & W. & ascend.
40.00	Set a sand stone 13x4x3 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face dug pits 18x18x12 ins., E. & W. of stone 5½ ft. dist. & raised a mound of earth 1½ ft. high, 3½ ft. base.
	South Slope of Bluff.
73.00	Top of Bluff bears E. & W. & descend &
	Thence over table land.
80.00	Set a sand stone 15x12x6 ins., 10 ins. in the ground for Cor. to Secs. 21-22-27-28 marked with 2 notches on S. & 3 notches on E. edges, dug pits 18x18x12 ins., in each Sec., 5½ ft. dist., & raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 22 and 27. Variation 15° East.
	Over table land.
40.00	Set temporary 1/4 sec. cor.
80.24	Intersect A. & B. line 29 lks. South of Cor. to Secs. 22-23-26-27 find which corner, Run S. 89° 48' W. on a true line between sections 22-27.
	Variation 15° 9' East.
40.12	Set a lime stone, 17x7x4 ins., 12 ins in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits 18x18x12 ins N. & S. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
80.24	The corner to sections 21-22-27-28.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 21 and 22. Variation 15° East.
	Over table land.
40.00	Set a sand stone 14 x 10 x 9 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. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
74.49	Leave table land bears N. W. & S. E. & descend.
80.00	Set a sand stone 14 x 12 x 10 ins. 10 ins. in the ground for Cor. to Secs. 15-16-21-22 marked with 3 notches on S. & 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist., & raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land level
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 15 and 22. Variation 15° 10' East.
	Descend.
4.40	Cross Gulch, 30 lks. wide, Course N. W. & ascend.
8.00	Top of Spur bears N. & S. & descend.
17.00	Cross Gulch, 50 lks. wide, Course N. 10° W. & ascend.
27.25	Top of hill bears N. & S. & ascend.
40.00	Set temporary 1/4 sec. cor.
80.34	Intersect N. & S. line, 42 lks. South of Cor. to secs. 14-15-22-23 from which corner, Trans. S. 89° 42' W. on a true line, between sections 15-22.
	Variation 15° 10' East.
40.17	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits 18 x 18 x 12 ins., N. & S. of post 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
80.34	The corner to sections 15-16-21-22.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 15 and 16. Variation 15° 10' East.
	Descend.
14.90	Cross Gulch, 10 lks wide, Course N. W. & ascend.
36.50	Top of Spur, bears N. 70° W. + S. 70° E. & descend.
40.00	Set a sand stone 18 x 12 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. & W. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
54.50	Top of Spur bears N. 80° W. + S. 80° E. & descend.
64.60	Cross Gulch, 100 lks. wide, Course N. 82° W. & ascend.
80.00	Set a sand stone 20 x 10 x 6 ins. 5 ins. in the ground for Cor. to Secs. 9-10-15-16 marked with 4 notches on S. & 3 notches on E. edges dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist. & raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 10 and 15. Variation 15° 18' East.
	Ascend.
9.50	Top of Ridge, bears N. W. + S. E. & descend.
20.50	Cross Gulch 50 lks. wide, Course North.
35.00	Cross Gulch 20 lks. wide, Course S. 5° W. & ascend.
40.00	Set temporary 1/4 sec. cor. in Top of Spur, bears N. + S. & descend.
51.28	Cross Gulch 125 lks. wide, Course N. W. & ascend.
68.00	Top of bluff bears S. E. + N. W. & descend.
79.90	Intersect N. + S. line 28 lks. South of cor. to secs. 10-11-14-15 from which corner I run S. 89° 48' W. on a true line between sections 10-15.
	Variation 15° 18' East.
39.95	Set a sand stone 9 x 9 x 4 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. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.90	The corner to sections 9-10-15-16.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.
	Oct. 5. 1881.

Township 28 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 15° 18' East.
	Ascend
7.00	Top of Ridge, bears N.W. & S.E. & descend.
40.00	Set a sand stone 12x9x5 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. & W. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
49.00	Leave hills & enter Valley.
69.59	Cross Running Water Creek, 25 lks. wide, Course N. 70° E.
	Cross Running Water Creek, 25 lks wide Course N.W.
	Cross Running Water Creek, 25 lks wide Course N.E.
	Cross Running Water Creek, 25 lks. wide Course N.W.
80.00	Set a sand stone 11x9x7 ins. 8 ins. in the ground for Cor. to Secs. 3-4-9-10 marked with 5 notches on S. & 3 notches on E. edges, dug pits 18x18x12 ins. in each Sec., 5½ ft. dist., & raised a mound of earth 2 ft. high. 4½ ft. base.
	Land mountainous to 49.00 chs. then level.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Chains	East, on a random line between Sections 3 and 10. Variation 15° 15' East.
	Over Valley
4.95	Cross Running Water Creek, 20 lks. wide, Course S. 30° W.
7.27	Cross Creek, 20 lks. wide, Course N.W.
19.22	Cross Creek, 20 lks. wide, Course South
30.00	~~Cross Creek, 20 lks. wide, Course N.E.~~
32.00	Leave Valley, bears N. & S. & descend.
40.00	Set temporary 1/4 Sec. Cor.
54.00	Top of Spur, bears N.E. & S.W. & descend.
79.84	Intersect N. & S. line, 4 lks. North of Cor. to Secs. 2-3-10-11 from which corner, I run N. 89° 58' W. on a true line between sections 3-10.
	Variation 15° ~~72'~~ 15' East.
39.92.	Set a lime stone 12x4x4 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits 18x18x12 ins. N. & S. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
79.84	The corner to sections 3-4-9-10
	Land level to 33.00 chs. then mountainous.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 3 and 4. Variation 15° 15' East.
	Over Valley.
7.76	Cross Running Water Creek, 25 lks in the Course East.
11.60	Cross Road, bears N. 82° E. & S. 82° W.
22.00	Leave Valley, bears E. & W. & ascend.
27.00	Top of hill bears E. & W. & descend.
40.00	Set a sand stone 9x9x3 ins, 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits 18x18x12 ins. E. & W. of stone 5½ ft. dist. & raised a mound of earth 1½ ft. high, 3½ ft. base.
	Foot of Bluff bears E. & W.
44.00	Top of Bluff bears E. & W. & descend.
78.63	Intersect Seventh Standard Parallel North 11 chs. West of Standard cor. to secs. 35 & 36, which is a limestone in mound & pits and:
	Set a sand stone 9x7x5 ins, 6 ins in the ground for Closing Cor. to Secs 3 & 4 marked C.C. with 3 notches on S. & 3 notches on W. edges, dug pits 18x18x12 ins S. E. & W. of stone 5½ ft. dist. & raised a mound of earth 2 ft. high 4½ ft. base
	Land level to 22.00 chs. then hilly
	Soil 2d. & 3d. rate – Vegetation Bunchgrass

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 32 and 33. Variation 15° 30' East.
	Over rolling ground.
40.00	Set a sand stone 19x4x4 ins, 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits 18x18x12 ins., E. & W. of stone 5½ ft. dist. & raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a sand stone 10x6x6 ins. 6 ins. in the ground for Cor. to Secs. 28-29 32-33 marked with 1 notch on S. & 4 notches on E. edges, dug pits 18x18x12 ins. in each Sec., 5½ ft. dist. & raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33. Variation 15° 30′ East.
	Over rolling ground.
40.00	Set temporary 1/4 sec. cor.
79.81	Intersect N. & S. line, 33 lks. South of cor. to Secs. 27-28-33-34 from which corner, Run S. 89°46′ W. on a true line between sections 28-33
	Variation 15° ~~15′~~ 30′ East.
39.91.	Set a sand stone 9x9x8 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. & S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base
79.81	The corner to sections 28-29-32-33.
	Land rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 28 and 29. Variation 15° 30′ East.
	Ascend.
40.00.	Set a sand stone 12x10x5 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits 18x18x12 ins., E. & W. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
48.00	Top of Ridge Leave E. & W. & descend.
52.10	Cross low Sag & ascend.
80.00.	Set a sand stone 11x10x5 ins. 6 ins. in the ground for Cor. to Secs. 20-21-28-29 marked with 2 notches on S. & 4 notches on E. edges. dug pits 18x18x12 ins. in each Sec. 5½ ft. dist., & raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 21 and 28. Variation 16° 6′ East.
	Descend.
12.17	Cross low Sag & ascend.
40.00	Set temporary ¼ sec. cor.
56.00	Top of Spur, bears N. & S. & descend.
79.74	Intersect N. & S. line, 10 lks North of cor. to Secs. 21-22-27-28 from which corner, I run N. 89° 56′ W. on a true line between Sections 21-28.
	Variation ~~15°~~ 16° 6′ East.
39.87	Set a sand stone 13x12x10 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18x18x12 ins., N. & S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.74	The corner to sections 20-21-28-29
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 20 and 21. Variation 16° 6′ East.
	Over rolling ground.
40.00	Set a sand stone 12x10x10 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18x18x12 ins., ¼ E. & W. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a sand stone 9x6x6 ins., 6 ins. in the ground for Cor. to Secs. 16-17-20-21 marked with 3 notches on S. & 3 notches on E. edges, dug pits 18x18x12 ins. in each Sec., 5½ ft. dist., & raised a mound of earth 2 ft. high, 4½ ft. base.
	Land rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 16 and 21. Variation 16° East.
	Ascend.
22.00	Top of Spur, bears N. & S. & descend.
40.00	Set temporary ¼ sec. cor.
79.98	Intersect N. & S. line, 36 lks. South of cor. to Secs. 15-16-21-22 from which corner I run S. 89° 45' W. on a true line between sections 16-21.
	Variation ~~15° 14'~~ 16° 00' East.
39.99	Set a sand stone 9x9x5 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18x18x12 ins., N. & S. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
79.98	The corner to sections 16-17-20-21.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal. Meridian.

Chains	North, between Sections 16 and 17. Variation 16° East.
	Descend.
16.00	Cross low Sag & ascend.
21.00	Top of Spur, bears E. & W. & descend.
32.00	Cross Gulch, 8 lks. wide, Course N. 40° W. & ascend.
40.00	Set a lime stone 14x8x6 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18x18x12 ins., E. & W. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
44.83	Cross Gulch 5 lks. wide, Course West. & ascend.
59.00	Top of Ridge, bears E. & W. & descend.
80.00	Set a lime stone 12x10x10 ins., 8 ins. in the ground for Cor. to Secs. 8-9-16-17 marked with 4 notches on S. & 3 notches on E. edges, dug pits 18x18x12 ins. in each Sec., 5½ ft. dist., & raised a mound of earth 2 ft. high, 4 ft. base.
	Land mountainous.
	Soil 3d. rate
	Vegetation Bunchgrass.

I carefully examined the adjustments of my solar compass today, particularly the latitude & observing apparatus, & found them correct. Oct. 6. 1881.

Township 28 N. Range 55 W.
6th Principal Meridian.

East, on a random line between Sections 9 and 16.

Variation 15° 56′ East.

Chains	
	Descend.
13.74	Cross Gulch, 20 lks. wide, Course North and ascend.
27.50	Top of Ridge bears N. & S. and descend.
40.00	Set temporary 1/4 sec. cor.
55.64	Cross Gulch, 20 lks. wide, Course North and ascend.
80.23	Intersect N. & S. line, 8 lks. North of cor. to Secs. 9-10-15-16 from which corner, I run N. 89° 57′ W. in a true line between sections 9-16.
	Variation 15° ~~15~~ 56′ East.
40.12.	Set a lime stone 18 x 14 x 7 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.
80.23	The corner to sections 8-9-16-17
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal Meridian.

North, between Sections 8 and 9.

Variation 15° 56′ East.

Chains	
	Descend.
30.40	Cross Gulch, 8 lks. wide, Course West and ascend.
40.00	Set a sand stone 9 x 6 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
52.93	Cross Creek, 45 lks. wide, Course East
79.65	Cross Road, to Cheyenne, bears E. & W.
80.00	Set a sand stone 18 x 14 x 10 ins, 12 ins. in the ground for Cor to Secs. 4-5-8-9 marked with 5 notches on S. 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 rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation 16° East.
	Over rolling ground.
14.00	Cross Road, bears N. 70° E. + S. 70° W.
40.00	Set temporary 1/4 sec cor.
40.20	Cross Gulch, 15 lks. wide, Course S. 30° E.
60.30	Cross Running Water Creek, 50 lks. wide, Course North.
65.00	Cross Creek, 50 lks. wide Course S. 60° E.
79.20	Cross Creek, 50 lks. wide Course North.
80.10	Intersect N + S. line, 18 lks. North of cor to secs. 3-4-9-10 from which corner Town N. 89° 52' W. in a true line between sections 4-9. Variation ~~15°~~ 16° 00' East.
40.05	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. 5 1/2 ft. base.
80.10	Tp. corner to sections 4-5-8-9.
	Sand rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal Meridian.

Chains	North, on a random line between Sections 4 and 5. Variation 16° East.
	Over rolling ground.
24.00	Cross Gulch, 30 lks. wide Course S. 45° E.
40.00	Set a sand stone 20 x 12 x 8 ins., 5 1/2 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, 5 1/2 ft. base.
78.46	Intersect Seventh Standard Parallel North 10.65 chs. West of Standard cor. to secs. 34 and 35 which is a limestone with mound and pits and Set a sand stone 10 x 8 x 8 ins. 6 ins. in the ground for closing Cor. to Secs. 4 + 5 marked C. C. with 4 notches on E. and 2 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E. + W. of stone 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Sand rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal. Meridian.

Chains	North, between Sections 31 and 32. Variation 16° East.
	Over rolling ground.
40.00	Set a sand stone 9x7x5 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 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
55.00	Cross Gulch, 12 lks. wide, Course N. 80° E.
80.00	Set a sand stone 12x6x7 ins. 8 ins. in the ground for Cor. to Secs. 29-30-31-32 marked with 1 notch on S. and 5 notches on E. edges, dug pits 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.

Township 28 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 29 and 32. Variation 15° 20' East.
	Over rolling ground.
40.00	Set temporary 1/4 sec. cor.
80.13	Intersect N. & S. line, 14 lks. North of Cor. to Secs. 28-29-32-33 from which corner I run N. 89° 54' W. on a true line between sections 29-32.
	Variation 15° 20' East.
40.07	Set a sand stone 8x5x3 ins. 6 ins. in the 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.
80.13	The corner to sections 29-30-31-32
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal Meridian.

Chains	West, on a random line between Sections 30 and 31. Variation 15° 20' East.
	Over rolling ground.
31.75	Cross Gulch, 30 lks. wide, Course S.E.
40.00	Set temporary 1/4 sec. cor.
79.36	Intersect W.B. of Tp. 28 lks. North of cor. to sect. 30-31-25-36 from which corner, I run N. 89° 48' E. on a true line between sections 30-31.
	Variation 15° ~~45~~ 20' East.
39.36	Set a sand stone 11x8x6 ins., 8 ins. in the 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.
79.36	The corner to sections 29-30-31-32
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal Meridian.

Chains	North, between Sections 29 and 30. Variation 15° 20' East.
	Over rolling ground
40.00	Set a sand stone 9x6x3 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 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
75.00	Top of Spur, bears N. 30° W. & S. 30° E. and descend.
80.00	Set a sand stone 12x11x8 ins., 8 ins. in the ground for Cor. to Secs. 19-20-29-30 marked with 2 notches on S. and 5 notches on E. edges. dug pits 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.

Township 28 N. Range 55 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15° 20' East.
	Descend.
2.19	Cross Gulch, 33 lks. wide, Course South & ascend.
18.00	Table land bears N. 65° W. & S. 65° E.
40.00	Set temporary 1/4 sec. cor.
79.72	Intersect N. & S. line 39 lks. South of cor. to secs. 20-21-28-29 from which corner, Run S. 89° 43' W. on a true line between sections 20-29.
	Variation ~~16~~ 15° 20' East.
39.86	Set a sand stone 14x8x4 ins., 10 ins. in the ground, for 1/4 Sec. Co., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1/2 ft. high, 3 1/2 ft. base.
79.72	The corner to sections 19-20-29-30.
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal. Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15° 20' East.
	Ascend.
10.00	Top of Spur bears S. E. & N. W. & descend.
17.00	Cross Gulch, 30 lks. wide, Course S. 20° E. & ascend.
20.00	Top of Spur bears N. & S. & descend.
28.80	Cross Gulch, 30 lks. wide, Course S. 30° E. & ascend.
40.00	Set temporary 1/4 sec. cor. on Top of Spur, bears N. 10° W. & S. 10° E. & descend.
78.84	Intersect W. B. of Tp. 41 lks. North of cor. to secs. 24-25-19-30 from which corner, Run N. 89° 42' E. on a true line, between sections 19-30
	Variation ~~16~~ 15° 20' East.
38.84	Set a sand stone, 10x6x4 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins., N. & S. of stone 5 1/2 ft. dist. & raised a mound of earth 1/2 ft. high, 3 1/2 ft. base.
78.84	The corner to sections 19-20-29-30.
	Land mountainous. Soil 3d. rate.
	Vegetation Bunchgrass.
	Oct. 7. 1881

Township 28 N. Range 55 W.

6th Principal. Meridian

Chains	North, between Sections 19 and 20. Variation 15° 21' East.
	Descend
40.00	Set a sand stone 10x4x3 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 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base.
44.00	Cross Gulch, 40 lks. wide, Course N. 45° W.
61.00	Cross Gulch, 70 lks. wide, Course N. 45° W. and ascend.
63.00	Top of Ridge bears N. 80° W. & S. 80° E. and descend.
80.00.	Set a Sand Stone 12x10x8 ins. 8 ins. in the ground for Cor. to Secs. 17-18-19-20 marked with 3 notches on S. and 5 notches on E. edges, dug pits 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.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15° 15' East.
	Descend.
9.87	Cross Gulch, 30 lks. wide, Course North.
26.00	Cross Gulch, 70 lks. wide, Course N. 10° W.
32.00	Cross Gulch, 30 lks. wide. Course N. 20° W. and ascend.
38.00	Top of Spur, bears N. & S. and descend.
40.00	Set temporary 1/4 sec. cor.
79.86	Intersect N. & S. line, 13 lks. North of cor. to secs. 16-17-20-21 from which corner, Run N. 89° 54' W. on a true line between sections 17-20.
	Variation ~~15°~~ 15° East.
39.93	Set a sand stone 10x8x15 ins., 6 ins. in the 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.
79.86	The corner to sections 17-18-19-20.
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass

Township 28 N. Range 55 W.

6th Principal. Meridian

Chains	West, on a random line between Sections 18 and 19. Variation 15° 15' East.
	Over rolling ground.
24.85	Cross Gulch, 60 lks. wide, Course N. 40° W.
40.00	Set temporary ¼ sec. cor.
78.63	Intersect W. B. of Tp. 14 lks. South of cor. to Secs. 18-19-13-24 from which corner, I run S. 89° 54' E. on a true line between Sections 18-19. Variation ~~16°~~ 15° 5' East.
38.63	Set a sand stone 9x8x5 ins., 6 ins. in the ground for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18x18x12 ins. N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
78.63	The corner to sections 17-18-19-20
	Land rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	North, between Sections 17 and 18. Variation 15° 15' East.
	Descend.
29.25	Cross Gulch, 30 lks. wide, Course N. 20° W. and ascend.
40.00	Set a sand stone 9x6x4 ins., 6 ins in the ground, for ¼ Sec. Cor., marked ¼ 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.
61.00	Top of Spur, bears N. W. x S. E. and descend.
73.12	Cross Gulch 65 lks. wide, Course N. 30° W. and ascend.
80.00	Set a sand stone 14x12x8 ins. 10 ins. in the ground for Cor. to Secs. 7-8-17-18 marked with 4 notches on S. and 5 notches on E. edges, dug pits 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.

Township 28 N. Range 55 W.

6th Principal Meridian

Chains	East, on a random line between Sections 8 and 17. Variation 15° 12' East.
	Ascend.
22.64	Top of Spur, bears S. 45° E. & N. 45° W. & descend.
~~12.00~~	~~Cross Gulch 5 lks. wide, Course N. 40° W. & ascend.~~
40.00	Set temporary 1/4 sec. cor.
63.00	Cross Gulch 160 lks. wide Course N. 16° W.
80.05	Intersect N. & S. line, 12 lks North of cor. to secs 8-9-16-17 from which corner, I run N. 89° 55' W. on a true line between sections 8-17.
	Variation 15° ~~56'~~ 12' East.
40.03.	Set a sand stone 12 x 11 x 8 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on S. face, dug pits 18 x 18 x 12 ins. N. & South of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.05	The corner to sections 7-8-17-18
	Land hilly.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.

6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18. Variation 15° 12 East.
	Descend.
4.00	Cross Gulch 60 lks. wide, Course N. 35° W. & ascend.
15.00	Top of Spur, bears N. & S. & descend.
40.00	Set temporary 1/4 sec. cor.
78.40	Intersect N. & S. of Sp, 24 lks. North of cor. to secs. 12-13-7-18 from which corner I run N. 89° 50 E. on a true line between sections 7-18.
	Variation ~~16°~~ 15° 12' East.
38.40	Set a sand stone 12 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. 1/4 N. & S. of stone 5 1/2 ft. dist., & raised a mound of Earth 1 1/2 ft. high, 3 1/2 ft. base
78.40	The corner to sections 7-8-17-18.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal Meridian

Chains	North, between Sections 7 and 8 Variation 15° 12' East.
	Ascend. too
3.00	Top of Spur, bears N. W. & S. E. and descend.
21.50	Cross Gulch, 20 lks. wide, Course N. 60° W. and ascend.
27.00	Top of Spur, bears S. 35° E & N. 35° W. and descend.
40.00	Set a Sand stone 9 x 8 x 3 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
75.40	Cross Running Water Creek, 6 lks. wide, Course S. 25° E. and ascend.
80.00	Set a post 4 ft long, 4 ins square, 12 ins. in the ground, for Cor. to Sect. 5-6-7-8. marked T. 28 N. S. 5 on N. E., R. 55 W. S. 8 on S. E. S. 7 on S. W. and S. 6 on N. W. face, with 5 notches on S. and 5 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 around post.
X	Land mountainous. Soil 3d. rate. Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 5 and 8. Variation 15° 12' East.
2.25	Cross Road, bears S. 85° E. & N. 85° W.
18.00	Cross Gulch, 30 lks wide, Course South and ascend.
40.00	Set temporary 1/4 sec. cor.
41.00	Top of Spur, bears N. & S. and descend.
79.76	Intersect N. & S. line, 22 lks. South of cor. to secs. 4-5-8-9 from which corner, I run S. 89° 51' W. on a true line between sections 5-8. Variation ~~16°~~ 15° 12' East.
39.88.	Set a granite stone 20 x 12 x 9 ins., 15 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face and raised a mound of stone. Pits impracticable.
79.76	The corner to sections 5-6-7-8. Land mountainous. Soil 3d. rate. Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal. Meridian

West, on a random line between Sections 6 and 7.

Variation 15° 12' East.

Chains	
	Over rolling ground.
15.70	Cross Road, bears S. 60° W. & N. 60° E.
32.00	Cross Creek, 40 lks. wide, Course S. 80° E.
40.00	Set temporary 1/4 sec. cor.
78.17	Intersect W. B. of Tp. 20 lks North of Cor. to secs. 6-7-1-12, from which corner I run N. 89° 51' E. on a true line, between sections 6 & 7.
	Variation ~~16° 50'~~ 15° 12' East.
38.17	Set a sand stone 22 x 18 x 15 ins., 14 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face & I raised a mound of stone. Pits impracticable.
78.17	The corner to sections 5-6-7-8.
	Land rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 28 N. Range 55 W.
6th Principal. Meridian.

North, on a random line between Sections 5 and 6.

Variation 15° 12' East.

Chains	
	Ascend.
.37	Cross Road, bears S. 87° E. & N. 87° W.
18.00	Top of Spur, bears E. & W. & I descend.
19.80	Cross Gulch, 10 lks. wide Course S. 80° E. & I ascend.
22.30	Top of Spur bears N. W. & S. E. & I descend.
23.00	Cross Gulch, 30 lks. wide, Course S. 30° E. & I ascend.
40.00	Set a sand stone 16 x 12 x 5 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. & W. of stone 5 1/2 ft. dist. & I raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base
78.60	Intersect Seventh Standard Parallel North 10.82 chs. West. of Standard cor. to secs. 33 & 34 which is a limestone with mound & pits & c.
	Set a sand stone 20 x 16 x 8 ins. 15 ins. in the ground for closing Cor. to Secs. 5 & 6 marked C. C., with 5 notches on E. & 1 notch on W. edges, dug pits 18 x 18 x 12 ins S. E. & W. of stone 5 1/2 ft. dist. & I raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land mountainous. Soil 3. rate.
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass today, particularly the latitude & reversing apparatus, & I found them correct. Oct. 8. 1881.

GENERAL DESCRIPTION.

The land in this Tp. is generally hilly and mountainous.
The soil is 2d. & 3d. rate.
The undergrowth consist of Bunchgrass.
Some portions of the Township are well adapted to agriculture and all of it to grazing.
It is well watered by Running Water Creek.

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

The foregoing field notes of the Survey of the Subdivision lines of Township No 28 North. of Range No 55 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 October 1881 having been critically Examined, the necessary Corrections & Explanations made, the said field Notes & the Survey they describe are hereby approved.

Geo. L. Smith
Surveyor General

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General Land Office • Original Field Notes

Book Number

721

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.