General Land Office • Original Field Notes

Book Number

728

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Su Va

T.29-32 N.
R. 56 W.
88

M. F. Reilly ... yor.

T. 29 North, R. ...

Sixth Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 29 N., Range 56 W.,

6th P., Meridian.

BY

M. F. Reilly, Deputy Surveyor.

Under his Contract of Sept. 22, 1881,

Survey Commenced Jan 3, 1882

Survey Completed Jan 9, 1882.

Platted,
Copied for Washington,
Copied for Register,

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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

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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.

Township 29 N., Range 56 W., 6th P. Meridian.

See previous page

A Limestone, 14 x 12 x 5 ins. in mound & pits,

Chains	From the corner to Sections 35, 36, ~~1~~ and ~~2~~ on the South boundary, I run North, between Sections 35 and 36
	Variation 16° 35' East.
	Descend.
3.80	Cross Ravine, 20 lks. wide, Course N.W. and ascend.
19.50	Top of Spur, bears N. 20° W. & S. 20° E. & descend,
37.00	Cross Ravine 20 lks. wide Course N. 10° W.
40.00	Set a Sand stone, 9 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. & W. of stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base.
42.00	Enter Valley, bears N. 80° W. & S. 80° E.
61.60	Cross Creek, 30 lks. wide, Course S. 70° E.
65.70	Cross Road, bears N. 75° W. and S. 75° E.
77.00	Leave Valley, bears E. & W. and ascend,
80.00	Set a Sand stone, 10 x 10 x 8 ins. 7 ins. in the ground, for Cor. to Secs. 25-26-35-36, marked with one notch on S. & 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 35.00 Chs. level in Valley ~~and~~ Balance 45.00 Chs. mountainous elsewhere. Soil 2nd and 3rd rate. Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	East, on a random line between Sections 25 and 36.
	Variation 16° 30' East.
	Ascend.
3.00	Top of Spur, bears N. 30° W. & S. 30° E. & descend,
11.00	Cross Ravine, 10 lks. wide, Course N.
40.00	Set temporary 1/4 Sec. Cor.
74.56	Cross Running Water Creek, 50 lks. wide Course S. 10° E.
80.20	Intersect E. B. of Tp., 20 lks. South of Cor. to secs. 25-30-31-36, from which corner, I run S. 89° 51' W., on a true line between secs. 25-36.
	Va. 15° 30' E.
40.10	Set a Sand stone, 18 x 15 x 13 ins. 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins. N. & S. of stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
80.20	The cor. to secs. 25-26-35-36.
	Land mountainous.
	Soil 2nd and 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	North, between Sections 25 and 26
	Variation 16°30' East.
	Ascend,
5.00	Top of Spur, bears N.60°W. & S.60°E. and descend,
17.00	Enter Valley, bears E. & W.
36.00	Leave same bears same, and ascend
40.00	Set a Sand stone 14×9×9 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18×18×12 ins. E. & W. of stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base,
42.50	Cross Sag, bears N.W. & S.E. & ascend,
45.30	Top of Spur, bears E. & W. & descend,
50.00	Enter Running Water Valley, bears E. & W.
56.50	Cross Road, bears N.60°W. & S.60°E.
66.59	Cross Running Water Creek, 40 lks. wide runs S.70°E.
80.00	Set Sand stone, 18×15×11 ins. 12 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, 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth, 2 ft. high, 4½ ft. base.
	Land 31.00 chs. mountainous Balance level, Soil 2nd & 3rd rate, Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	East, on a random line between Sections 24 and 25.
	Variation 16°30' East.
	Over Valley,
15.00	Leave same, bears N.W. & S.E. & ascend,
20.00	Top of Spur, bears N. & S. & descend,
22.00	Enter Sag, bears N.20°E. & S.20°W.
38.00	Leave same and ascend,
40.00	Set temporary 1/4 sec. cor.
58.00	Top of Spur, bears N.50°E. & S.50°W. and descend,
79.85	Intersect E.B. of Tp., 7 lks. North of cor. to secs. 24-25-19-30, from which corner, Trun N.89°57'W., on a true line between secs. 24-25.
	Va. ~~15°45'~~ 16°30' E.
39.93	Set a Sand stone, 14×12×10 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. Pits impracticable.
79.85	The cor. to secs. 23-24-25-26.
	Land 48.85 chs. mountainous Balance level, Soil 2nd and 3rd rate. Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	North, between Sections 23 and 24. Variation 16° 30' East.
	Over valley,
8.00	Leave same, and ascend,
13.60	Top of Spur, bears E. & W. & descend,
34.50	Cross Ravine, 25 lks. wide, Course S. 40° W.
40.00	Set a Sand stone, 14 x 8 x 6 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. & 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	Enter Sag, bears E. & W.
78.50	Cross Ravine, 30 lks. wide, Course N. 83° W.
79.00	Leave Sag and ascend,
80.00	Set Sand stone 19 x 16 x 13 ins., 14 ins. in the ground, for ~~1/4 Sec. Cor.~~ Cor. to Sec. 13, 14, 23 & 24, marked with 3 notches on S. and 1 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 53.00 Chs mountainous balance level.
	Soil 1st and 2nd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	East, on a random line between Sections 13 and 24. Variation 16° East.
	Ascend gradually,
26.00	Top of Spur, bears N. & S. & descend,
35.00	Cross Ravine, 30 lks. wide, Course S. 20° E. and ascend,
40.00	Set temporary 1/4 sec. cor.
79.77	Intersect E. B. of Tp., 31 lks. North of cor. to secs. 13-18-19-24, from which cor. Trim N. 89° 47' W., on a true line between sections 13-24.
	Va. 15° 45' E.
39.89	Set Sand stone, 10 x 8 x 8 ins., 7 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,
79.77	The corner to sections 23-24-25-26.
	Land mountainous.
	Soil 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	North, between Sections 13 and 14. Variation 16° East.
	Ascend,
5.00	Top of Spur, bears E. & W. & descend,
6.00	Enter Flat, bears E. & W.
15.00	Leave same, bears same,
19.00	Enter Sag, bears E. & W.
40.00	Set a Sand stone 9 x 8 x 5 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins. E. & 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	Leave Sag, bears N. 70° W. & S. 70° E.
44.84	Cross Ravine, 20 lks. wide, Course S. 80° W. and ascend,
61.00	Top of Spur, bears E. & W. & descend,
80.00	Set Sand stone, 11 x 8 x 6 ins., 7 ins. in the ground, for Cor. to Secs. 11-12-13-14, marked with 4 notches on S., and 1 notch on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth, 2 ft. high, 4 1/2 ft. base,
	Land mountainous,
	Soil 2nd and 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	East, on a random line between Sections 12 and 13. Variation 16° 20' East.
	Ascend gradually,
25.00	Top of Spur, bears N.W. & S.E. & descend,
40.00	Set temporary 1/4 sec. cor.,
61.86	Cross Wash, 40 lks. wide, Course S. 20° W. & ascend,
72.40	Top of Spur, bears N.W. & S.E. & descend,
80.10	Intersect E.B. of Tp., 25 lks. North of cor. to secs. 7-12-13-18, from which corner, I run N. 89° 49' W., on a true line between sections 12-13, Va. 15° 30' E.
40.05	Set a Sand stone 10 x 8 x 6 ins., 7 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,
80.10	The cor. to secs. 11-12-13-14,
	Land mountainous,
	Soil 3rd rate,
	Vegetation Bunchgrass.
	Jan 3, 1882.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	North, between Sections 11 and 12. Variation 16° 20' East.
	Ascend gradually.
40.00	Set Sand stone 4 x 8 x 6 ins., 7 imp. 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.
80.00	Set a Sand stone, 12 x 9 x 7 ins., 8 ins. in the ground, for Cor. to Secs. 1-2-11-12, marked with 5 notches on S. and 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 3rd rate.
	Vegetation Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 16° 30' East.
	Ascend,
3.00	Top of Spur, bears N.W. & S.E. & descend,
18.00	Cross Ravine, 20 lks. wide, course N. 20° W. and ascend,
40.00	Set temporary 1/4 sec. cor.,
52.00	Top of Spur, bears N. & S. & descend,
68.00	Cross Wash, 30 lks. wide, course S. & ascend,
79.91	Intersect E. Boundary of Tp., 5 lks. North of cor. to secs. 1-6-7-12, from which corner Sun N. 89° 58' W., on a true line between secs. 1-12, Fa. 15° 30' E.
39.96	Set a Sand stone, 10 x 8 x 6 ins., 7 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 cor. to secs. 1-2-11-12,
	Land mountainous,
	Soil 3rd rate.
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	North, on a random line between Sections 1 and 2. Variation 15 30 East.
	Ascend
10.00	Top of Spur, bears N.W. & S.E. & descend,
26.00	Cross Sag, 200lks. wide, bears N.30°W. and S.30°E. and ascend,
38.00	Top of Spur, bears N.20°W. & S.20°E. and descend,
40.00	Set temporary 1/4 sec. cor.
79.82	Intersect N.B. of Tp., 7lks. West of cor. to secs. 1-2-35-36, from which cor. I run S.3'W., on a true line between sections 1-2, Va. 15°30'E.
39.82	Set a Sand stone, 18x6x6 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. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
79.82	The cor. to secs. 1-2-11-12,
	Land mountainous,
	Soil 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

From cor. to secs. 34-35, a charred stake in mound & pits, with Pine post in E. pit, I run,

Chains	North, between Sections 34 and 35. Variation 16°20' East.
	Descend,
40.00	Set Sand stone, 12x10x8 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. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
64.54	Cross Ravine, 10lks. wide, Course S.70°E. and ascend,
75.00	Top of Ridge, bears N.60°W. & S.60°E. and descend,
80.00	Set a Sand stone, 10x10x6 ins., 7 ins. in the ground, for Cor. to Secs. 26-27-34-35 marked with one 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 mountainous
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. M. Meridian.

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

Variation 15° 30' East.

Chains	
	Descend
3.00	Enter Flat, bears N.W. & S.E.
40.00	Set temporary ¼ sec. cor.
46.00	Leave Flat, bears N.W. & S.E.
52.00	Cross Ravine, 8 lks. wide, Course S. 30° E. and ascend
79.69	Intersect N. & S. line, 5 lks. North of corner to sections, 25-26-35-36, from which corner, Sun N. 89° 58' W., on a true line between secs. 26-35. Va. 16° 30' E.
39.85	Set Sand stone, 10 x 8 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins. N. & S. of stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base.
79.69	The cor. to secs. 26-27-34-35.
	Land mostly level.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. M. Meridian.

North, between Sections 26 and 27.

Variation 15° 30' East.

Chains	
	Descend,
10.20	Cross Ravine, 6 lks. wide, Course S. 65° E. and ascend,
40.00	Set Sand stone, 12 x 8 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins. E. & W. of stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base.
45.60	Top of Spur, bears N.W. & S.E. and descend,
80.00	Set a Sand stone, 10 x 8 x 6 ins., 7 ins. in the ground, for Cor. to Secs. 22-23-26-27, marked with 2 notches on S. & E. edges, dug pits, 18 x 18 x 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth, 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. M. Meridian.

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

Variation 15° 50′ East.

Chains	
	Ascend,
5.00	Top of Spur, bears N. & S. & descend,
12.00	enter Running Water Valley, bears N.W. & S.E.
40.00	Set temporary ¼ sec. cor.
50.59	cross Road, bears N.W. & S.E.
65.00	cross Running Water Creek, 30 lks. wide, Course S. 40° E. and ascend,
68.00	Top of Spur, bears N. & S. & descend,
80.24	Intersect N. & S. line, 14 lks. North of corner to sections 23-24-25-26, from which corner, Sun, N. 89° 54′ W., on a true line between secs. 23-26, Va. 16° 30′ E.
40.12	Set a Sand stone, 12 x 10 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face and raised a mound of stone. Pits impracticable.
80.24	The corner to sections 22-23-26-27.

27.24 chs Land Mountainous Balance level, Soil 1st and 2nd rate, Vegetation Bunchgrass.

Township 29 N., Range 56 W., 6th P. M. Meridian.

North, between Sections 22 and 23.

Variation 15° 50′ East.

Chains	
	Ascend
13.00	Top of Ridge, bears N. 60° W. & S. 60° E. and descend,
30.00	cross Ravine, 25 lks. wide, Course East
37.00	cross Running Water Creek, 40 lks. wide, Course S. 30° E. and enter Valley,
40.00	Set Sand Stone, 12 x 10 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, and raised a mound of stone. Pits impracticable.
61.22	cross Road, bears N. 70° W. & S. 70° E.
73.00	Leave Valley, bears N.W. & S.E. & ascend.
80.00	Set Sand Stone, 16 x 8 x 4 ins., 11 ins. in the ground, for Cor. to Secs. 14-15-22-23, marked with 3 notches on S. and 2 notches on E. edges, and raised a mound of stone. Pits impracticable.

39.00 chs Land Mountainous Balance level, Soil 1st and 2nd rate, Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 15° 30' East.
	Ascend.
8.00	Top of Spur, bears N.W. & S.E.
27.00	Top of Ridge, bears N.50°W. & S.50°E. and descend.
30.00	Enter Flat, bears N. & S.
40.00	Set temporary 1/4 sec. cor.
49.20	Cross Ravine, 30lks. wide, Course S.
80.17	Intersect N. & S. line, 35lks. South of cor. to secs. 13-14-23-24, from which corner, Trun S.89°45'W., on a true line between sections 14-23. Va. ~~16~~ 15°30' E.
40.09	Set Sand stone 14×10×6ins., 9ins. 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 cor. to secs. 14-15-22-23
	Land 30.00 chs. mountainous Balance level, Soil 3rd rate Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	North, between Sections 14 and 15. Variation 15° 30' East.
	Ascend.
7.50	Top of Spur, bears N.70°W. & S.70°E. and descend.
13.70	Cross Ravine, 10lks. wide, Course S.E. & ascend
30.00	Top of Spur, bears N.W. & S.E. & descend.
40.00	Set Sand stone, 10×8×4ins., 7ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18×18×12ins. E. & W. of stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base, in low Sag and ascend.
62.50	Top of Ridge, bears N.W. & S.E. & descend.
80.00	Set Sand Stone, 12×6×6ins., 8ins. in the ground, for Cor. to Secs. 10-11-14-15, marked with 4 notches on S. and 2 notches on E. edges, dug pits, 18×18×12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth, 2 ft. high, 4½ ft. base.
	Land mountainous. Soil 3rd rate Vegetation, Bunchgrass.

East, on a random line between Sections 11 and 14.

Variation 15°36' East.

Chains	
	Descend,
27.00	Center Sag, bears N. & S.
28.00	Leave Same and ascend,
37.00	Top of Spur, bears N. & S. & descend,
40.00	Set temporary ¼ sec. cor.
79.69	Intersect N. & S. line, 18 lks. North of cor. to secs. 11-12-13-14 from which corner, Pine N. 89°52' W., on a true line between sections 11-14. Va. 15°36' E.
39.85	Set a Sand Stone, 8 x 6 x 14 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. and raised a mound of earth, 1½ ft. high, 3½ ft. base.
79.69	The cor. to secs. 10-11-14-15,
	Land mountainous,
	Soil 3rd rate,
	Vegetation, Bunchgrass.
	I carefully examined the adjustments of my solar compass today, particularly the latitude and reversing apparatus & found them correct, Jan. 4, 1882.

North, between Sections 10 and 11.

Variation 15°36' East.

Chains	
	Ascend gradually,
40.00	Set a Sand Stone, 10 x 10 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins. E. & W. of Stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base,
71.50	Top of low Spur, bears N. 50° W. & S. 50° E., and descend,
80.00	Set Sand Stone, 10 x 8 x 8 ins., 7 ins. in the ground, for Cor. to Secs. 2-3-10-11, marked with 5 notches on S. and 2 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth, 2 ft. high, 4½ ft. base,
	Land rolling,
	Soil 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. M. Meridian.

East, on a random line between Sections 2 and 11,

Variation 15°30' East.

Chains	
	Descend gradually.
18.00	Cross Palouse, 16lks. wide, course S.80°E.
40.00	Set temporary ¼ sec. cor.
79.88	Intersect N. & S. line, 25lks. North of cor. to secs. 1-2-11-12, from which cor. Run N.89°49' W., on a true line between secs. 2-11.
	Va. 16°30' E.
39.94	Set Sand Stone, 12 x 8 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins. N. & S. of stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base.
79.88	The cor. to secs. 2-3-10-11.
	Land rolling.
	Soil 3rd rate.
	Vegetation Bunchgrass.

Township 29 N., Range 56 W., 6th P. M. Meridian.

North, on a random line between Sections 2 and 3.

Variation 15°30' East.

Chains	
	Ascend.
37.00	Top of Spur, bears N.40°W. & S.40°E., and descend.
40.00	Set temporary ¼ sec. cor.
80.13	Intersect N.B. of Sp., 15lks. E. of cor. to secs. 2-3-34-35, from which corner, Run S.6' E., on a true line between sections 2-3.
	Va. 15°30' E.
40.13	Set Sand Stone, 10 x 10 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins. E. & W. of stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base.
80.13	The cor. to secs. 2-3-10-11.
	Land mountainous.
	Soil 3rd rate.
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

From cor. to secs. ~~3-4~~ 33-34 a charred stake in mound & pits, with Pine stake in E. pit, Trun

North, between Sections 33 and 34.

Variation 16°30' East.

Chains	
	Ascend,
36.00	Top of Bluff, bears E. & W. & descend,
40.00	Set Sand stone, 9x9x8 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. and raised a mound of earth, 1 1/2 ft. high 3 1/2 ft. base,
52.40	Cross Ravine, 60 lks. wide, Course N. 60° E. and ascend,
57.00	Top of Spur, bears N. 60° E. & S. 60° W. and descend,
60.20	Cross Ravine, 35 lks. wide, Course N. 30° E. and ascend
80.00	Set Granite Stone, 10x10x9 ins., 7 ins. in the ground, for Cor. to Secs. 27-28-33-34, marked with 1 notch on S. and 3 notches on E. edges, and raised a mound of stone. Pits impracticable.
	Land mountainous,
	Soil 3rd rate
	Vegetation, Bunchgrass,

Township 29 N., Range 56 W., 6th P. Meridian.

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

Variation 16°30' East.

Chains	
	Ascend,
9.00	Top of Spur, bears N. & S. & descend
22.40	Cross Ravine, 300 lks. wide, Course N. and ascend,
30.00	Top of Ridge, bears N. & S. & descend,
40.00	Set temporary 1/4 sec. cor.,
52.40	Cross Ravine, 10 lks. wide, Course S. 15° E. and ascend,
64.00	Top of Spur, bears N. 30° W. & S. 30° E. and descend,
79.93	Intersect N. & S. line, 35 lks. South of corner to sections 26-27-34-35, from which corner, Trun S. 89°45' W., on a true line between secs. 27-34. Va. 16°30' E.
39.97	Set Sand stone, 12x10x8 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, 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 secs. 27-28-33-34.
	Land mountainous,
	Soil 3rd rate.
	Vegetation, Bunchgrass,

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	North, between Sections 27 and 28. Variation 16°30' East.
	Ascend,
1.25	Top of Spur, bears N.W. & S.E. & descend,
9.00	Cross Ravine, 30lks. wide, course N.30°E., and ascend,
14.80	Top of Spur, bears E. & W. & descend
16.40	Cross Ravine 60lks. wide, course N.60°E., and ascend,
40.00	Set a Sand stone, 11x9x7ins. 7ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12ins. E. & W. of Stone, 5½ft. dist. and raised a mound of earth, 1½ft. high, 3½ft. base,
48.00	Top of Spur, bears E. & W. and descend,
70.00	Enter Valley, bears N.50°W. & S.50°E.,
78.00	Cross Ravine, 60lks. wide, course S.50°E.,
80.00	Set Sand stone 11x10x7ins, 7ins. in the ground, for Cor. to Secs. 21-22-27-28, marked with 2notches on S. and 3notches on E. edges, dug pits, 18x18x12ins. in each Sec. 5½ft. dist. and raised a mound of earth, 2ft. high, 2½ft. base,
	Land mountainous, 70.00 lks 13 acs at 2nd 67 acs 3rd Soil 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	East, on a random line between Sections 22 and 27. Variation 16° East.
	Over Valley.
15.50	Leave Stone, bears N. & S. & ascend,
27.00	Top of Spur, bears N. & S. & descend,
34.00	Cross Ravine, 30lks. wide, course S. & ascend,
40.00	Set temporary 1/4 sec. cor.,
41.00	Top of rocky Spur, bears N. & S. & descend,
50.12	Intersect N. & S. line, 29lks. North of cor. to secs. 22-23-26-27, from which corner, Run N.89°48'W., on a true line between sections 22-27, & Va. 15°30'E.
40.06	Set a Sand stone, 18x6x6ins., 12ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of Stone. Pits impracticable.
80.12	The corner to secs. 21-22-27-28. 1.46 chs
	Land level, 5.50 chs and mountainous,
	Soil 2nd and 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. M., Meridian.

North, between Sections 21 and 22.

Variation 16° East.

Chains	
	Along Valley,
9.00	Leave scarp, bears E. & W. & ascend,
14.00	Top of Hill, bears E. & W.
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 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
53.00	Top of Spur, bears E. & W. and descend,
80.00	Set Granite stone, 36 x 20 x 16 ins., 27 ins. in the ground, for Cor. to Secs. 15-16-21-22, marked with 3 notches on S. & E. edges, and raised a mound of stone. Pits impracticable.
	Land level and mountainous, 9.00 chs. 71.00 chs.
	Soil 2nd & 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. M., Meridian.

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

Variation 16° 30' East.

Chains	
	Ascend,
10.00	Top of Spur, bears N. & S. & descend,
23.00	Enter Running Water Valley, bears N.W. & S.E.,
40.00	Set temporary 1/4 sec. cor.,
62.45	Cross Running Water Creek, 50 lks. wide, Course South,
65.90	Cross Road, bears N. & S.
66.00	Leave Valley and ascend,
79.88	Intersect N. & S. line, 4 lks. South of cor. to secs. 14-15-22-23 from which corner, Run S. 89° 55' W., on a true line between sections 15-22 & Va. 15° 30' E.,
39.94	Set a Sand stone, 14 x 9 x 7 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. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
79.88	The cor. to secs. 15-16-21-22,
	Land mountainous & level, 35.88 chs. Balance
	Soil 1st and 2nd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	North, between Sections 15 and 16. Variation 16° 30' East.
	Descend,
.55	Cross Ravine, 40 lks. wide, course E. Ascend,
8.00	Top of Spur, bears N.W. & S.E. Descend,
13.00	Cross Ravine, 100 lks. wide, course S. 60° E. and ascend,
37.00	Top of Spur, bears N. 65° W. & S. 65° E. & descend,
40.00	Set Sand Stone, 13 x 10 x 8 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. Pits impracticable.
41.00	Cross Ravine, 40 lks. wide, course S. 80° E. and ascend,
52.00	Top of Spur, bears E. & W. & descend,
66.00	Enter Running Water Valley, bears S. 70° E. and N. 70° W.
80.00	Set a Sand Stone, 16 x 9 x 5 ins., 11 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, 2 1/2 ft. base.
	Land 66.00 lks. Mountainous and level, Soil 1st and 2nd rate, Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	East, on a random line between Sections 10 and 15. Variation 16° 30' East.
	Along Valley,
24.60	Cross Running Water Creek, 30 lks. wide, course S. 30° E.
34.72	Cross Road, bears N. 20° W. & S. 20° E.
40.00	Set temporary 1/4 Sec. Cor.
46.00	Leave Valley, bears N. & S. & ascend,
58.00	Top of Spur, bears N. & S. & descend,
79.90	Intersect N. & S. line 29 lks. North of corner to sections ~~2-3-10-11~~ 10-11-14-15 from which corner, Gunn N. 89° 45' W., on a true line between Secs. 10-15. Va. 15° 30' E.
39.95	Set Sand Stone, 10 x 9 x 9 ins., 7 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.
79.90	The corner to Secs. 9-10-15-16.
	Land 46.00 lks. level and 34 chains mountainous, Soil 1st and 2nd rate, Vegetation, Bunchgrass.
	Jan. 5, 1882.

Township 29 N., Range 56 W., 6th P. Meridian.

North, between Sections 9 and 10. Variation 16° 30' East.

Chains	
	Along Valley,
4.00	cross Running Water Creek, 40lks. wide, course S.70°E.
10.00	cross Road, bears N.W. & S.E.
40.00	Set Sand stone, 11x9x5ins., 7ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12ins. E. & W. of stone, 5½ ft. dist. and raised a mound of earth, 1½ft. high, 3½ft. base.
46.00	Leave Valley, bears E. & W.
56.00	cross Ravine, 20lks wide, course S.30°E. and ascend,
64.40	cross Road, bears N.30°E. & S.30°W.
79.00	Top of Spur, bears N.10°W. & S.10°E. & descend.
80.00	Set Sand stone, 14x11x8ins., 9ins. 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, 18x18x12ins. in each Sec. 5½ ft. dist. and raised a mound of earth, 2ft. high, 4½ft. base, Land level ~~and~~ Balance mountainous, Soil 1st and 2nd rate. Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

East, on a random line between Sections 3 and 10. Variation 15° 45' East.

Chains	
	Descend,
18.00	cross Road, bears N.E. and S.W.
28.00	cross Ravine, 8lks. wide, course S. & ascend,
40.00	Set temporary 1/4 sec. cor.
62.00	Top of Spur, bears N.W. & S.E. & descend,
79.69	Intersect N. & S. line, 20lks. North of corner to sections 2-3-10-11, from which corner, Run N.89°51'W., on a true line between secs. 3-10. Va. 15° ~~45~~ E.
39.85	Set Sand stone, 10x8x8ins., 7ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on N. face, dug pits, 18x18x12ins. N. & S. of stone, 5½ ft. dist. and raised a mound of earth, 1½ft. high, 3½ft. base,
79.69	The corner to secs. 3-4-9-10. Land mountainous. Soil 2nd and 3rd rate. Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

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

Variation 15° 45′ East.

Chains	
	Descend
12.00	cross Ravine, 20lks. wide, course S. 80° W. and ascend,
23.00	Top of Spur, bears E. and W. and descend,
40.00	Set temporary 1/4 sec. cor.
79.77	Intersect N. B. of Sp., 20lks. East of cor. to secs. 3-4-33-34, from which corner, Sun S. 9° E., on a true line between secs. 3-4.
	Va. 15° 15′ E.
39.77	Set 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. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base.
79.77	The cor. to secs. 3-4-9-10.
	Land mountainous,
	Soil 2nd and 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

From cor. to secs. 4-5-32-33, a charred stake in mound of pits, Sun

North, between Sections 32 and 33.

Variation 16° 30′ East.

Chains	
	Along Tableland
40.00	Set Sand Stone, 24 x 12 x 12 ins., 18 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.
80.00	Set Granite Stone, 12 x 10 x 5 ins., 8 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 level.
	Soil 2nd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

East, on a random line between Sections 28 and 33.

Variation 15° 18' East.

Chains	
	Over tableland, descending gradually,
29.00	cross Ravine, 20 lks. wide, course North
	and ascend gradually.
40.00	Set temporary ¼ Sec. cor.
51.00	Top of Spur, bears N. & S. & descend,
79.85	Intersect N. & S. line 18 lks. South of
	corner to secs. 27-28-33-34 from
	which corner I run S. 89° 52' W. on
	a true line between sections 28-33.
	Va. 16° 30' E.
39.93	Set Sand stone, 14 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.
	N. & S. of stone, 5½ ft. dist. and raised
	a mound of earth, 1½ ft. high, 3½ ft.
	base.
79.85	The cor. to secs. 28-29-32-33.
	Land rolling
	Soil 2nd Land 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

North, between Sections 28 and 29.

Variation 15° 18' East.

Chains	
	Over Tableland,
23.00	Leave Same, bears E. & W. and descend,
34.00	Enter Flat, bears E. & W.
40.00	Set Sand stone, 12 x 10 x 4 ins., 8 ins.
	in the ground, for ¼ Sec. Cor., marked
	¼ on W. face, dug pits, 18 x 18 x 12 ins.
	E. & W. of stone, 5½ ft. dist. and raised
	a mound of earth, 1½ ft. high, 3½ ft. base.
80.00	Set Sand stone, 12 x 12 x 10 ins., 8 ins. in
	the ground, for Cor. to Secs. 20-21-28-29,
	marked with 2 notches on S. and 4
	notches on E. edge, dug pits, 18 x 18 x 12
	ins. in each Sec. 5½ ft. dist. and
	raised a mound of earth, 2 ft. high,
	4½ ft. base.
	Land rolling,
	Soil 2nd & 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

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

Variation 15° 45′ East.

Chains	
	Over Flat.
10.00	Leave same, bears N. & S. & ascend,
30.50	Top of Spur, bears N. & S. & descend,
40.00	Set temporary ¼ sec. cor.
51.00	Cross Ravine, 30 lks. wide, Course N. & ascend,
67.00	Top of Spur, bears N. 20° W. & S. 20° E. & descend,
74.00	Cross same Ravine, 25 lks. wide, Course S. 35° E. and ascend,
79.91	Intersect N. & S. line, 37 lks. South of corner to secs. 21-22-27-28, from which corner, Sun S. 89° 44′ W., on a true line between sections 21-28, Va. 16° E.
39.96	Set Sand stone, 14 x 10 x 16 ins., 9 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. and raised a mound of earth, 1½ ft. high, 3½ ft. base.
79.91	The Cor. to secs. 20-21-28-29.
	Land mountainous.
	Soil 2nd & 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

North, between Sections 20 and 21.

Variation 15° 45′ East.

Chains	
	Over Flat.
9.00	Leave same, bears E. & W. & ascend,
37.00	Top of Spur, bears N.W. & S.E. & descend,
40.00	Set a Sand stone, 9 x 9 x 6 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins. E. & W. of stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base.
53.00	Cross Ravine, 25 lks. wide, Course S.E. & ascend.
63.00	Top of Spur, bears N.W. & S.E. & descend,
67.00	Enter Flat, bears N. 60° W. & S. 60° E.
80.00	Set Sand Stone, 12 x 12 x 5 ins., 8 ins. in the ground, for Cor. to Secs. 16-17-20-21, marked with 3 notches on S. and 4 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec. 5½ ft. dist., and raised a mound of earth, 2 ft. high, 4½ ft. base,
	Land mountainous.
	Soil 3rd rate.
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

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

Variation 15° 45' East.

Chains	
	Over Flat,
40.00	Set temporary ¼ sec. cor.,
63.50	Leave Flat, bears N. & S.,
68.00	cross Ravine, 12 lks. wide, course N. & ascend,
79.68	Intersect N. & S. line, 26 lks. North of cor. to secs. 15-16-21-22, from which cor. Sun N. 89° 49' W., on a true line between secs. 16-21, Va. 16° 30' E.
39.84	Set Sand stone, 12 x 10 x 10 ins., 8 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. and raised a mound of earth 1½ ft. high, 3½ ft. base,
79.68	The Cor. to Secs. 16-17-20-21,
	Land mostly level,
	Soil 2nd and 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

North, between Sections 16 and 17.

Variation 15° 45' East.

Chains	
	Over Flat,
40.00	Set Sand stone, 11 x 9 x 9 ins., 7 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. and raised a mound of earth, 1½ ft. high, 3½ ft. base.
74.00	Leave Flat, bears N.W. & S.E.
80.00	Set Sand stone 12 x 10 x 10 ins., 8 ins. in the ground, for Cor. to Secs. 8-9-16-17, marked with 4 notches on S. and 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 mostly level,
	Soil 2nd & 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. M. Meridian.

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

Variation 15° 30' East.

Chains	
	Descend
6.80	Cross Ravine, 18 lks. wide, course N.W.
	and ascend,
16.00	Top of Bluff, bears N. 15° W. & S. 15° E. & descend,
28.00	Cross Ravine, 200 lks. wide, course North,
40.00	Set temporary ¼ sec. cor.
54.00	Enter Running Water Valley, bears N. & S.
79.89	Intersect N. & S. line, 18 lks. South
	of cor. to secs. 9-10-15-16, from which
	corner, Run S. 89° 52' W., on a true
	line between secs. 9-16.
	Va. 16° 30' E.
39.95	Set Sand stone 12 x 10 x 9 ins., 8 ins. in
	the ground, for ¼ Sec. Cor., marked ¼
	on N. face, dug pits, 18 x 18 x 12 ins.
	N. & S. of stone, 5½ ft. dist. and raised
	a mound of earth, 1½ ft. high, 3½ ft. base.
79.89	The cor. to secs. 8-9-16-17.
	Land mountainous and level, Balance
	Soil 1st and 2nd rate.
	Vegetation, Bunchgrass.
	I carefully examined the adjustments
	of my solar compass today, particu-
	larly the latitude and reversing
	apparatus, & found them correct, Jan. 6, 1882.

Township 29 N., Range 56 W., 6th P. M. Meridian.

North, between Sections 8 and 9.

Variation 15° 30' East.

Chains	
	Descend.
7.08	Cross Ravine, 20 lks. wide, course N.W. & ascend,
20.50	Top of Spur, bears N.W. & S.E. and descend,
40.00	Set Sand stone, 14 x 12 x 8 ins., 9 ins. in the
	ground, for ¼ Sec. Cor., marked ¼ on N. face,
	dug pits, 18 x 18 x 12 ins. E. & W. of stone, 5½ ft. dist.
	and raised a mound of earth, 1½ ft. high,
	3½ ft. base.
43.60	Cross Ravine, 50 lks. wide, course E. & ascend,
69.00	Top of Spur, bears N. 60° W. & S. 60° E. & descend,
80.00	Set Sand stone, 14 x 12 x 10 ins., 9 ins. in the
	ground, for Cor. to Secs. 4-5-8-9, marked
	with 5 notches on S. and 4 notches
	on E. edges, dug pits, 18 x 18 x 12 ins. in
	each Sec., and raised a mound of
	earth, 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 3rd rate.
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation 15°45' East.
	Descend
11.63	Cross Ravine, 20 lks. wide, Course N. 30° W. and ascend.
22.80	Top of Spur, bears N.W. & S.E. & descend.
40.00	Set temporary 1/4 sec. cor.
48.63	Cross Running Water Creek, 40 lks. wide, runs S. 10° E. and enter Valley.
56.00	Cross Road bears N. 20° W. & S. 20° E.
63.00	Leave Valley, bears N. & S. & ascend.
76.00	Top of Spur, bears N.W. & S.E. & descend.
79.80	Intersect N. & S. line, 15 lks. South of cor. to secs. 3-4-9-10, from which cor., Trun S. 89° 54' W., on a true line between secs. 4-9. Va. 15° 45' E.
39.90	Set Sand stone, 12 x 12 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. 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.
79.80	The cor. to secs. 4-5-8-9. Land 65.43 chs mountainous balance level. Soil 1st and 2nd rate. Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	North, on a random line between Sections 4 and 5. Variation 15°45' East.
	Descend
16.00	Enter Running Water Valley, bears E. & W.
17.10	Cross Running Water Creek, 30 lks. wide, runs S. 75° E.
[illegible]	[illegible] runs West.
40.00	Set temporary 1/4 sec. cor.
56.00	Cross Same Creek, 40 lks. wide, runs S. 30° W.
79.71	Intersect N.B. of Tp., 29 lks. East of cor. to secs. 4-5-32-33, from which corner, Trun S. 12' E., on a true line between sections 4-5. Va. 15° 30' E.
39.71	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, 12 x 18 x 18 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.
79.71	The cor. to secs. 4-5-8-9. Land mostly in Valley. Soil 1st and 2nd rate. Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

From cor. to secs ~~5-6~~-31-32, a charred stake in mound & pits, with Pine stake in E. pit, Trun North, between Sections 31 and 32.

Variation 16° 25' East.

Ascend,

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

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

70.20 Cross Ravine, 60 lks. wide, Course N. 30° E. and ascend,

80.00 Set a Sand stone, 14×8×6 ins., 9 ins. in the ground, for Cor. to Secs. 29-30-31-32, marked with one notch on S. and 5 notches on E. edges, dug pits, 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth, 2 ft. high, 4½ ft. base.

Land mountainous,

Soil 3rd rate.

Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

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

Variation 16° East.

Ascend,

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

8.00 Cross Ravine, 60 lks. wide, Course N. 10° W. and ascend,

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

25.00 Enter Sag, bears N. 30° W. & S. 30° E.

32.00 Leave same and ascend,

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

40.00 Set temporary 1/4 sec. cor.,

41.30 Enter Sag, bears N. 30° W. & S. 30° E.

50.00 Leave same and ascend,

80.25 Intersect N. & S. line, 27 lks. North of corner to secs. 28-29-32-33, from which cor. Trun N. 89° 48' W., on a true line between secs. 29-32. Va. ~~15° 18' E.~~ 16° 20' E.

40.13 Set Sand stone, 12×10×9 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base,

80.25 The cor. to secs. 29-30-31-32,

Land mountainous. Soil 3rd rate,

Vegetation, Bunchgrass.

Township 29 N., Range 56 W. 6th P. M. Meridian.

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

Variation 16° East.

Chains	
	Ascend gradually.
10.60	Top of Spur, bears N. & S. & descend,
13.00	leave low Sag and ascend,
38.40	Top of Spur, bears N.W. & S.E. & descend,
40.00	Set temporary 1/4 sec. cor.,
79.89	Intersect 7th Guide Meridian at a point 35 lks. North of cor. to secs. 25-30-31-36, from which corner, I run N.89°45' E., on a true line between secs. 30-31. Va. ~~15°40'~~ 16°00' E.
39.89	Set Sand Stone, 12 x 10 x 5 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins. N. & 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 cor. to secs. 29-30-31-32, Land mountainous, Soil 3rd rate, Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. M. Meridian.

North, between Sections 29 and 30.

Variation 16° East.

Chains	
	Descend
10.00	Enter Sag, bears N.E. & S.W.
25.00	Leave Same, and ascend
26.00	Top of Spur, bears N.E. & S.W. & descend,
39.00	Enter Sag, bears E. & W.
40.00	Set Sand Stone, 8 x 8 x 6 ins., 5 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins. 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.
52.00	Leave Sag, bears N.80°W. & S.80°E. and ascend.
67.00	Top of Spur, bears E. & W. & descend.
80.00	Set Sand Stone, 12 x 10 x 9 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 mountainous. Soil 3rd rate, Vegetation Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

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

Variation 16°09' East.

Chains	
	Ascend gradually,
10.00	Top of Spur, bears N.W. & S.E. & descend.
40.00	Set temporary 1/4 sec. cor.
52.00	Cross Ravine 30lks. wide, course N.80°E. and ascend,
79.73	Intersect N. & S. line 8lks. South of cor. to secs. 20-21-28-29 from which corner, Sun S.89°57'W., on a true line between secs. 20-29 ~~16°00'~~ ~~15°48'~~ Va. E.
39.87	Set a Sand Stone, 10 x 8 x 3 ins., 7 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. and raised a mound of earth, 1½ ft. high, 3½ ft. base,
79.73	The cor. to secs. 19-20-29-30. Land mountainous. Soil 3rd rate Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

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

Variation 16°09' East.

Chains	
	Ascend,
15.90	Top of Spur, bears N. & S. & descend,
19.00	Enter Flat, bears N. & S.
40.00	Set temporary 1/4 sec. cor.
79.49	Intersect 7th Guide Meridian at a point 20lks. South of corner to sections 19-24-25-30, from which corner, Sun S.89°51'E., on a true line between sections 19-30 ~~16°00'~~ ~~15°51'~~ Va. E.
39.49	Set 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. N. & S. of stone, 5½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base,
79.49	The cor. to secs. 19-20-29-30. 19.00 chs Land mountainous and level, Soil 2nd & 3rd rate. Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

North, between Sections 19 and 20.

Variation 16°09' East.

Chains	
	Ascend gradually.
40.00	Set a Sand stone, 11x9x8 ins., 7 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. and raised a mound of earth 1½ ft. high, 3½ ft. base.
59.00	Top of Spur, bears N.W. & S.E. & descend.
63.00	Cross Wash, 30 lks. wide, Course E.
80.00	Set a Sand stone, 12x5x3 ins., 8 ins. in the ground, for the 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. 5½ ft. dist. and raised a mound of earth, 2 ft. high, 4½ ft. base.
	Land Mountainous.
	Soil 3rd rate.
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

East, on a random line between Sections 17 and 20.

Variation 16°09' East.

Chains	
	Ascend.
8.50	Top of Spur, bears N. & S. and descend.
12.00	Enter Sag, bears E. & W.
34.00	Leave Same and ascend.
37.00	Top of Spur, bears N. & S. & descend.
40.00	Set temporary 1/4 sec. cor. in low Sag and ascend.
58.00	Top of Spur, bears N. 20° W. & S. 20° E. and descend.
80.19	Intersect N. & S. line, 20 lks. South of cor. to secs. 16-17-20-21, from which corner, I run S. 89°51' W. on a true line between secs. 17-20. Va. ~~15°45'~~ 16°09' E.
40.10	Set a Sand stone, 8x6x5 ins., 5 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.
80.19	The cor. to secs. 17-18-19-20.
	Land mountainous.
	Soil 3rd rate.
	Vegetation, Bunchgrass.
	Jan. 7, 1882.

Township 29 N., Range 56 W., 6th P. M. Meridian.

West, on a random line between Sections 18 and 19.

Variation 16°09' East.

Chains	
	Ascend,
3.50	Top of Spur, bears N. & S. & descend,
9.00	Cross low Sag, and ascend,
14.00	Top of Spur, bears N. & S. & descend,
18.00	Cross low Sag and ascend,
33.00	Top of Spur, bears N. & S. & descend,
40.00	Set temporary 1/4 sec. cor.,
79.15	Intersect 7th Guide Meridian at a point 9 lks. South of cor. to secs. 13-18-19-24, from which corner Trun. S. 89°56' E. on a true line between secs. 18-19.
	Va. 16° ~~56~~ 59' E.
39.15	Set Sand stone, 10 x 6 x 3, ins. 7 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,
79.15	The cor. to secs. 17-18-19-20.
	Land mountainous.
	Soil 3rd rate.
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. M. Meridian.

North, between Sections 17 and 18.

Variation 16°09' East.

Chains	
	Descend gradually,
40.00	Set Sand Stone, 12 x 12 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. E. & W. of Stone, 5½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base,
77.00	Cross Ravine, 220 lks. wide, Course S.E. and ascend,
80.00	Set Sand stone, 12 x 10 x 4 ins., 8 ins. in the ground, for Cor. to Secs. 7-8-17-18, marked with 4 notches on S. and 5 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth, 2 ft. high, 4½ ft. base,
	Land rolling.
	Soil 3rd rate.
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	East, on a random line between Sections 8 and 17. Variation 15° 30' East.
	Ascend,
8.50	Top of Spur, bears N.W. & S.E. & descend.
19.82	Cross Wash, 200lks. wide, course N.10 E.
40.00	Set temporary 1/4 sec. cor.
66.82	Cross Ravine, 20lks. wide, course N.W. and ascend,
71.00	Top of Spur, bears N.W. & S.E. & descend.
79.79	Intersect N. & S. line, 23lks. South of cor. to secs. 8-9-16-17 from which corner, Sun S.89°50' W., on a true line between sections 8-17. Va. 15° 30' E.
39.90	Set a Sand stone, 14x12x12ins. 9ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on N. face, dug pits, 18x18x12ins. 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.
79.79	The cor. to secs. 7-8-17-18.
	Land mountainous.
	Soil 3rd rate
	Vegetation Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	West, on a random line between Sections 7 and 18. Variation 15° 30' East.
	Descend,
3.50	Cross Ravine, 200lks. wide, course S.E. and ascend,
24.00	Top of Hill, bears N.W. & S.E. & descend,
34.86	Cross Ravine, 120lks. wide, course S.E. and ascend gradually.
40.00	Set temporary 1/4 sec. cor.
78.86	Intersect 7th Guide Meridian at a point 14lks. North of cor. to secs. 7-12-13-18 from which corner, Sun, N.89°54' E., on a true line between secs. 7-18. Va. 15° ~~45~~ 30' E.
38.86	Set Sand stone, 12x10x6ins. 8ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on N. face, dug pits, 18x18x12ins. 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,
78.86	The cor. to secs. 7-8-17-18.
	Land hilly.
	Soil 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 E., 6th P. Meridian.

Chains	North, between Sections 7 and 8
	Variation 15° 30' East.
	Ascend
15.00	Top of Ridge, bears E. & W. & descend,
36.42	Cross Ravine, 30 lks. wide, course N. 85° E.
	and ascend,
40.00	Set Sand stone, 14 x 12 x 6 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. & 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	Top of Spur, bears E. & W. & descend,
78.00	Cross Ravine, 24 lks. wide, course West
	and ascend,
80.00	Set Sand stone, 24 x 12 x 12 ins., 18 ins.
	in the ground, for Cor. to Secs. 5-6-7-8,
	marked with 5 notches on S. and E.
	edges, and raised a mound of stone,
	Pits impracticable.
	Land mountainous.
	Soil 3rd rate.
	Vegetation Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

Chains	East, on a random line between Sections 5 and 8.
	Variation 15° 40' East.
	Ascend
1.25	Top of Bluff, bears N.W. & S.E. & descend,
6.00	Cross Ravine, 20 lks. wide, course S. & ascend,
17.00	Top of Spur, bears N. & S. & descend,
26.00	Cross Ravine 200 lks. wide, course S. 20° E.
	and ascend,
40.00	Set temporary 1/4 Sec. cor., on top of
	Spur, bears N.E. & S.W. and descend,
63.00	Cross Ravine, 200 lks. wide, course N.E. & ascend.
77.00	Top of Spur, bears N.W. & S.E. & descend.
79.75	Intersect N. & S. line 17 lks. South of
	cor. to secs. 4-5-8-9 from which
	cor. run S. 89° 53' W., on a true line
	between secs. 5-8.
	Va. 15° 40' E.
39.88	Set Sand stone 12 x 10 x 10 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.
79.75	The cor. to secs. 5-6-7-8,
	Land mountainous. Soil 3rd rate.
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

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

Variation 15°40' East.

Chains	
	Ascend,
12.50	Top of Spur, bears N. & S. & descend,
34.42	Cross Ravine, 40 lks. wide, course S. 60 E. and ascend,
40.00	Set temporary 1/4 Sec. Cor.,
47.00	Top of Bluff, bears N. 60° W. & S. 60° E. thence over Tableland,
78.64	Intersect 7th Guide Meridian at a point 8 lks. North of Cor. to Secs. 1-6-7-12, from which corner, Sun N. 89° 57' E., on a true line between sections 6-7.
	Va. 15°45' E.
38.64	Set Sand stone, 13 x 11 x 10 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. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
78.64	The Cor. to Secs. 5-6-7-8,
	Land mountainous,
	Soil 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 56 W., 6th P. Meridian.

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

Variation 15°40' East.

Chains	
	Ascend
2.25	Top of Bluff, bears N.W. & S.E., thence over Tableland,
40.00	Set temporary 1/4 Sec. Cor.,
63.00	Leave Tableland, bears N. 40° W. & S. 40° E. and descend
79.86	Intersect N.B. of Tp., 25 lks. East of Cor. to Secs. 5-6-31-32, from which corner, Sun S. 11° E. on a true line between Secs. 5-6.
	Va. 15°45' E.
39.86	Set a Sand stone 15 x 10 x 10 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. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
79.86	The Cor. to Secs. 5-6-7-8,
	Land mountainous,
	Soil 3rd rate,
	Vegetation, Bunchgrass,
	I carefully examined the adjustments of my solar compass today particularly the latitude reversing apparatus found them correct, Jan. 9, 1882.

GENERAL DESCRIPTION.

The land in this Township is level throughout Running Water valley, and mountainous elsewhere. The soil varies from 1st to 3rd rate, and is everywhere covered with Bunchgrass, which affords excellent grazing for cattle and horses. The Running Water Creek, with Road along same, runs through the Tp. in a South-easterly direction, furnishing abundance of water.

U. S. Surveyor-General's Office.

Plattsmouth Neb.

August 31st 1882

The foregoing Field Notes of the surveys of Subdivision lines of Tp. No. 29 N. R. 56 W. of the Principal Base and Meridian in the state of Nebraska executed by M. F. Reilly U. S. Deputy Surveyor, under his contract No. 2 dated in the month of September 22nd 1881 having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved

Geo. L. Smith

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

M. F. Reilly Deputy Surveyor.

T. 30 N. R. 56 W.

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 30 N. Range 56 W.

6th Principal Meridian.

BY

M. F. Reilly Deputy Surveyor.

Under his Contract of Sept. 21. 1881.

Survey Commenced Dec. 13. 1881.

Survey Completed Dec. 19. 1881.

Platted,

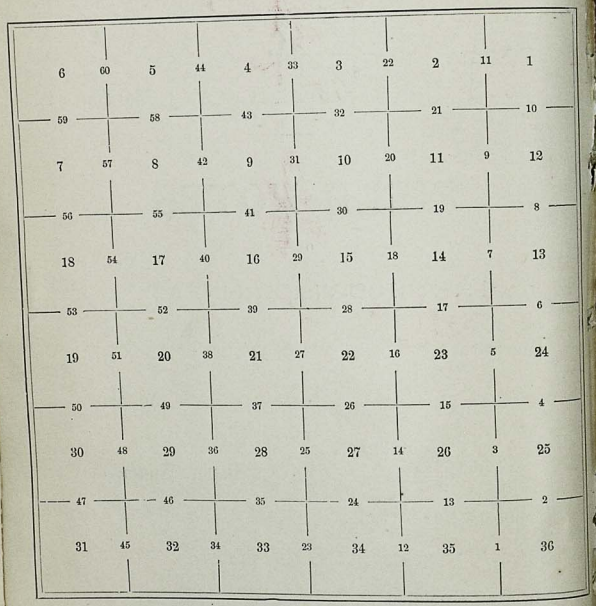
Copied for Washington,

Copied for Register,

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

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

..... Meridian.



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

..... Meridian.

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

..... Meridian.

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

..... Meridian.

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

Township 30 N. Range 56 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° 30' East.
	Descend over rolling land.
10.00	Cross Road, bears N.E. + S.W.
14.00	Cross Gulch, 30 lks. wide, Course S.W.
40.00	Set a sand stone 12x10x8 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.
70.00	Leave rolling land & ascend.
76.00	Top of Spur, bears E. + W. & descend.
80.00	Set a sand stone 16x13x9 ins. 16 ins. in the ground for Cor. to Secs. 25-26-35-36. marked with 1 notch on S. & of 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 rolling.
	Soil 3d. rate
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.

Meridian.

Chains	East, on a random line between Sections 25 and 36. Variation 15° 30' East.
	Ascend
11.00	Top of Spur, bears N. + S. & descend.
40.00	Set temporary 1/4 Sec. cor.
42.00	Cross Gulch 20 lks. wide, Course S.E. & same.
57.00	Top of hill bears S.E. + N.W.
76.00	Top of Spur, bears N. 65° W. + S. 65° E. & descend.
80.13	Intersect E. B. of Tp. 18 lks. North of cor. to secs. 30-31-25-36 from which corner, I run N. 89° 52' W. on a true line, between sections 25-36
	Variation ~~16°~~ 15° 30 East.
40.~~13~~ 06	Set a sand stone 12x8x6 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 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.13	The corner to sections 25-26-35-36
	Land hilly.
	Soil 2d. + 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal Meridian.

Chains	North, between Sections 25 and 26 Variation 15° 30' East.
	Descend.
21.00	Cross Gulch, 20 lks. wide, course S.W. & ascend.
40.00	Set a sand stone 13x11x5 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.
46.00	Top of hill bears E. & W. & descend.
70.00	Foot of Hill bears E. & W. thence over level land.
80.00	Set a sand stone 14x10x8 ins. 10 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 18x18x12 ins. in each Sec., 5½ ft. dist., & raised a mound of earth 2 ft. high, 1½ ft. base.
	Sand rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 24 and 25. Variation 15° 30' East.
	Descend.
40.00	Set temporary 1/4 sec. cor.
53.09	Cross Gulch, 20 lks. wide, Course S. 50° W. & ascend.
79.74	Intersect E. B. of Tp. 8 lks. South of cor. to Secs. 24-25-19-30 from which corner, I run S. 89° 57' W. on a true line, between sections 24-25
	Variation 15° ~~45'~~ 30' East.
39.87	Set a sand stone 13x10x10 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.
79.74	The corner to sections 23-24-25-26.
	Sand rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal Meridian.

North, between Sections 23 and 24.
Variation 15° 30′ East.

Chains	
	Over rolling land.
40.00	Set a sand stone 17 x 7 x 4 ins. 12 ins. in the ground for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits 18 x 18 x 12 ins., C. & W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
77.00	Enter dry wash, Course N. 5° W.
80.00	Set a lime stone 14 x 12 x 10 ins. 10 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., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W
6th Principal Meridian.

East, on a random line between Sections 13 and 24.
Variation 15° 30′ East.

Chains	
1.40	Leave Wash, Course N. 5° W. & ascend.
40.00	Set temporary 1/4 sec. cor.
42.00	Top of hill bears N. & S. & descend.
46.00	Foot of Hill, bears N. & S. thence over level land.
78.50	Cross Low Sag
80.31	Intersect E. B. of Tp. 24 lks. North of cor. to secs. 18-19-13-24 from which corner I run N. 89° 58′ W. on a true line between sections 13-24. Variation 15° ~~45′~~ 30′ East.
40.16	Set a sand stone 14 x 14 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., 1/4 N. & S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.31	The corner to sections 13-14-23-24.
	Land hilly & level.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.

6th Principal Meridian.

Chains	North, between Sections 13 and 14. Variation 15° 30' East.
4.36	Leave Wash bear N. 10° W. & S. 10° E.
35.00	Cross Gulch, 30 lks. wide, Course West.
40.00	Set a sand stone 13 x 8 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 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 12 x 12 x 6 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 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 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 12 and 13. Variation 15° 30' East.
	Over level land.
40.00	Set temporary 1/4 sec. cor.
80.06	Intersect E. & W. 1/4 Sp. 16 lks. North of cor. to secs. 12-13-7-18 from which corner, Run N. 89° 53' W. on a true line between sections 12-13
	Variation 15° 30' East.
40.03	Set a sand stone 13 x 12 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., 1/4 W. & E. of stone 5 1/2 ft. dist. & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.06	The corner to sections 11-12-13-14
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

Chains	North, between Sections 11 and 12. Variation East.
	Over level land.
26.79	Cross Road, from Ft. Laramie to Ft. Robinson bears N. 70° E. & S. 70° W.
27.00	Cross low Sag & ascent.
40.00	Set a sand stone 12x16x6 ins., 8 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.
80.00	Set a lime stone 10x10x8 ins. 6 ins. in the ground for Cor. to Secs. 1-2-11-12 marked with notch on S. & 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.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 15° 30' East.
	Over level land.
40.00	Set temporary 1/4 sec. cor.
57.00	Cross Gulch, 36 lks. wide, Course South.
79.92	Intersect E. B. of Tp. 10 lks. South of cor. to Secs. 6-7-1-12 from which corner Run S. 89° 56' W. on a true line between Sections 1-12. Variation 15° 30' East.
39.96	Set a sand stone 14x10x8 ins., 10 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
79.92	The corner to sections 1-2-11-12.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.

6th Principal. Meridian.

Chains	North, on a random line between Sections 1 and 2. Variation 15° 30' East.
	Ascend.
10.50	Top of Spur, bears E. + W. and descend.
40.00	Set temporary ¼ sec. cor. in low sag and ascend.
77.50	Top of Spur, bears S.E. + N.W. and descend.
80.10	Intersect N. B. of Tp. 29 bks. West. of Cor. to secs. 1-2-35-36 from which corner, I run S. 12' W. on a true line between sections 1-2.
	Variation 15° ~~15'~~ 30' East.
40.10	Set a sand stone 12x10x10 ins., 8 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.
80.10	The corner to sections 1-2-11-12
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.
	Dec. 13. 1881.

Township 30 N. Range 56 W.

6th Principal. Meridian.

Chains	North, between Sections 34 and 35. Variation 15° 30' East.
	Ascend.
15.00	Top of Spur, bears S. 75° E. + N. 75° W. and descend.
40.00	Set a sand stone 12x8x6 ins., 8 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 in low sag and ascend.
76.00	Top of Spur, bears S. 80° E. + N. 80° W. and descend.
80.00	Set a sand stone 13x10x6 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., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 15° 20 East.
	Descend.
12.50	Cross Gulch, 10 lks. wide, Course S. 10° E. & ascend.
32.00	Top of Spur, bears S. 20° E. & N. 20° W. & descend.
40.00	Set temporary 1/4 sec. cor.
56.00	Cross Gulch, 50 lks. wide, Course S. 30° W. and ascend.
68.00	Top of Spur, bears S. 55° E. & N. 55° W. & descend.
79.90	Intersect N. & S. line, 8 lks. South of cor. to secs. 25-26-35-36 from which corner, I run S. 89° 57' W. on a true line between sections 26-35.
	Variation 15° 20/30' East.
39.95	Set a sand stone 10x8x8 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.
79.90	The corner to sections 26-27-34-35.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

Chains	North, between Sections 26 and 27. Variation 15° 20' East.
	Ascend.
10.00	Top of Ridge bears E. & W. & descend.
18.00	Foot of Ridge bears E. & W.
40.00	Set a sand stone 10x8x8 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.
65.00	Commence ascending.
71.00	Top of Spur, bears S. 65° E. & N. 65° W. & descend.
80.00	Set a sand stone 14x10x6 ins. 10 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 mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 15° 30' East.
	Over rolling land.
23.40	Cross Gulch, 15 lks. wide Course N. 70° W. and ascend.
30.00	Top of Spur, bars. N. 60° W. & S. 60° E. and descend.
40.00	Set temporary 1/4 sec. cor.
80.26	Intersect N. & S. line, 10 lks. North of Cor. to Secs. 23-24-25-26 from which corner, Run N. 89°56' W. on a true line between Sections 23-26.
	Variation 15° 30' East.
40.13	Set a sand stone 14x10x8 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. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base
80.26	The corner to sections 22-23-26-27.
	Sand mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

Chains	North, between Sections 22 and 23. Variation 15° 30' East.
	Descend.
15.00	Enter Flat bears. E. & W.
30.15	Cross Gulch, 12 lks. wide Course N. 70° W.
	Thence over level land.
40.00	Set a sand stone 10x10x5 ins., 6 ins. in the ground, for 1/4 Sec. Cor. marked 1/4 on W. face, dug pits, 18x18x12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
53.00	Cross Gulch, 40 lks. wide, Course S. 70° W.
80.00	Set a sand stone 14x10x6 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 18x18x12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 15° 30' East.
	Over level land.
40.00	Set temporary 1/4 sec. cor.
78.50	Enter dry Wash, Course N. 5° W.
80.13	Intersect N. & S. line. 16 lks. South of cor. to secs. 13-14-23-24 from which corner, Down S. 89° 53' W. on a true line between sections 14-23.
	Variation 15° 30' East.
40.07	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. 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 14-15-22-23.
	Land level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

Chains	North, between Sections 14 and 15. Variation 15° 30' East.
	Ascend.
24.00	Top of Spur, bears N. 10° W. & S. 10° E. and descend.
28.00	Enter Sag, Course N. 20° W.
40.00	Set a sand stone 13 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., 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
41.00	Leave Sag bears N. 25° W. & S. 25° E. and ascend.
48.00	Top of Spur, bears N. 30° W. & S. 30° E. and descend.
56.00	Cross low Sag and ascend.
61.00	Top of Spur, bears N. 30° W. & S. 30° E. & descend.
73.00	Cross Gulch, 60 lks. wide, Course N. 45° W. & ascend.
80.00	Set a sand stone 15 x 15 x 9 ins., 12 ins. in the ground for Cor. to Secs. 10-11-14-15 marked with 4 notches on S. and 2 notches on E. edges, dug pits 15 x 15 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 30 N. Range 56 W.
6th Principal. Meridian.

East, on a random line between Sections 11 and 14.
Variation 15° 30' East.

Chains	
	Ascend.
7.00	Top of Spur, bears S. 35° E. & N. 35° W. and descend.
40.00	Set temporary ¼ sec. cor.
80.21	Intersect N. & S. line, 28 lks. South of cor. to secs. 11-12-13-14 from which corner, Run S. 89° 48' W. on a true line between sections 11-14
	Variation 15° 30' East.
40.11	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. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.21	The corner to sections 10-11-14-15.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

North, between Sections 10 and 11.
Variation 15° 30' East.

Chains	
	Ascend.
2.00	Top of Spur, bears N. W. & S. E. and descend.
10.00	Enter Sag Course S. E.
14.00	Leave Sag Course S. E. and ascend.
17.00	Top of Spur, bears E. & W. and descend.
40.00	Set a sand stone 12 x 8 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
48.00	Cross Gulch, 12 lks. wide, Course West and ascend.
53.30	Cross Road from Ft Robinson to Ft Laramie bears N. 80° E. & S. 80° W.
80.00	Set a sand stone 10 x 8 x 8 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. 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass

Township 30 N. Range 56 W.
6th Principal. Meridian.

East, on a random line between Sections 2 and 11.

Variation 16° East.

Chains	
	Ascend.
18.00	Top of Spur, bears N. 30° E. & S. 30° W. & ascend.
25.00	Cross Gulch, 20 lks. wide, Course S. 20° W. & ascend.
33.00	Top of Spur, bears N. E. & S. W. & descend.
37.00	Cross Gulch, 60 lks. wide, Course S. W. & ascend
40.00	Set temporary ¼ sec. cor.
79.70	Intersect N. & S. ¼ line 14 lks. North of cor. to secs. 1-2-11-12 from which corner, I run S. 89° 54' W. on a true line between sections 2-11
	Variation 15° 30' East. (16° 00')
39.85	Set a sand stone 11 x 10 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. & S. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.70	The corner to sections 2-3-10-11
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.
	Carefully examined the adjustments of my solar compass today, particularly the latitude and reversing apparatus, and found them correct.
	Dec. 14. 1881.

Township 30 N. Range 56 W.
6th Principal. Meridian.

North, on a random line between Sections 2 and 3.

Variation 16° East.

Chains	
	Ascend.
14.00	Top of Spur, bears N. E. & S. W. & descend.
40.00	Set temporary ¼ sec. cor.
64.00	Cross Gulch, 120 lks. wide, Course S. 50° W. and ascend.
79.82	Intersect N. B. of Tp. 18 lks. East of cor. to secs. 2-3-34-35 from which corner, I run S. 8° E. on a true line between sections 2-3.
	Variation 15° 45' East. (16° 00')
39.82	Set a sand stone 12 x 10 x 5 ins., 8 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. and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.82	The corner to sections 2-3-10-11
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal Meridian.

Chains	North, between Sections 33 and 34. Variation 15° 15' East.
	Ascend.
30.00	Top of Spur, bears E. & W. and descend.
40.00	Set a sand stone 16 x 4 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, in low Sag and ascend.
49.00	Top of Ridge, bears S. 75° E. & N. 75° W. and descend.
80.00	Set a sand stone 10 x 5 x 8 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 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 30 N. Range 56 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 27 and 34. Variation 15° 12' East.
	Descend.
22.00	Cross Gulch, 60 lks. wide, Course S. 20° E. and ascend.
27.00	Top of Spur, bears N. W. & S. E. and descend
33.50	Cross Gulch 10 lks wide, Course S. 20° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
65.00	Top of Spur, bears N. 60° W. & S. 60° E. and descend
79.72	Intersect N. & S. line, 18 lks. South of cor. to secs. 26-27-34-35 from which corner bears S. 89° 52' W. on a true line between sections 27-34
	Variation 15° 20' 12" East.
39.86	Set a sand stone, 14 x 5 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 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.
79.72	The corner to sections 27-28-33-34.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal Meridian.

Chains	North, between Sections 27 and 28. Variation 15° 12' East.
	Descend.
40.00	Set a sand stone 12x8x6 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. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
70.00	Cross Tolo Sag & ascend.
80.00	Set a sand stone 12x10x8 ins. 8 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. 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 30 N. Range 56 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 22 and 27. Variation 15° 36' East.
	Ascend.
18.00	Top of Ridge, bears S. 25° E. & N. 25° W. & descend.
28.00	Cross Gulch, 10 lks. wide, Course N. 30° W. & ascend
40.00	Set temporary 1/4 sec. cor.
71.00	Top of Spur bears N. & S. & descend.
79.85	Intersect N. & S. line, 30 lks. North of Cor. to secs. 22-23-26-27 from which corner, Run N. 89° 47' W. on a true line between sections 22-27.
	Variation 15° 36' East.
39.93	Set a sand stone 14x8x6 ins., 10 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.
79.85	The corner to sections 21-22-27-28
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

North, between Sections 21 and 22.

Variation 15° 36' East.

Chains	
	Ascend.
14.00	Top of Spur, bears N. 30° W. & S. 30° E. & continue ascent.
24.00	Top of Ridge, bears S. 30° E. & N. 30° W. & descend.
37.40	Cross Gulch, 120 lks. wide, Course N. 40° W. & ascend.
40.00	Set a sand stone 13 x 10 x 6 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 14 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.
63.00	Top of Spur, bears N. 60° W. & S. 60° E. & descend.
80.00	Set a sand stone 14 x 14 x 8 ins., 16 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.
	Sand mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

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

Variation 16° East.

Chains	
	Descend.
13.00	Enter Sag, Course N. 30° W.
27.00	Leave Sag, Course N. 30° W. & ascend.
31.00	Top of Spur, bears N. & S. & descend.
40.00	Set temporary 1/4 sec. cor. in low sag & ascend.
55.00	Top of Spur, bears N. & S. & descend.
62.00	Cross Gulch, 20 lks. wide. Course North & ascend.
77.00	Top of Spur, bears N. & S. & descend.
79.92	Intersect N. & S. line, 26 lks. South of Cor. to Secs. 14-15-22-23 from which corner, run S. 89° 49' W. on a true line between sections 15-22.
	Variation ~~15°~~ 16° 00' 30' East.
39.96	Set a sand stone, 12 x 9 x 6 ins., 5 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.
79.92	The corner to sections 15-16-21-22.
	Sand mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian

Chains	North, between Sections 15 and 16. Variation 16° East.
	Descend.
19.00	Cross Gulch, 60 lks. wide, Course N. 30° W.
40.00	Set a sand stone 10 x 8 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 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
61.30	Cross Gulch, 90 lks. wide, Course West. and ascend
80.00	Set a sand stone 13 x 10 x 8 ins, 8 ins. in the ground for Cor. to Secs. 9-10-15-16, marked with 4 notches on S. and 3 notches on E. 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 30 N. Range 56 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 10 and 15. Variation 15° 30' East.
	Ascend.
4.00	Top of Spur, bears N. & S. and descend.
40.00	Set temporary 1/4 sec. cor. in low sag and ascend.
61.00	Top of Spur, bears N. W. & S. E. and descend.
70.68	Cross Gulch 3 lks. wide, Course N. 30° W. & ascend
80.14	Intersect N. & S. line, 18 lks. North of cor. to secs. 10-11-14-15 from which corner, I run N. 89° 52' W. on a true line between sections 10-15
	Variation 15° 30' East.
40.07	Set a sand stone 18 x 6 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, 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.
80.14	The corner to sections 9-10-15-16.
	Land mountainous.
	Soil 3d. rate
	Vegetation Bunchgrass.

Dec. 15. 1881.

Township 30 N. Range 56 W.
6th Principal Meridian.

Chains — North, between Sections 9 and 10.
Variation 15° 30' East.

Ascend.
5.00 Top of Spur, bears E. + W. and descend.
39.32 Cross Road, from H. Robinson to Ft. Laramie bears N. 70° E. + S. 70° W.
40.00 Set a sand stone 30 x 9 x 8 ins., 21 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.
53.00 Enter Sag, Course N. 30° E.
61.00 Leave Sag, Course N. 30° E. and ascend
80.00 Set a lime stone 10 x 10 x 8 ins. 6 ins. in the ground for Cor. to Secs. 3-4-9-10 marked with 5 notches on S. and 3 notches on E. edges dug pits 18 x 18 x 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base.
Land rolling.
Soil 3d. rate.
Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal Meridian.

Chains — East, on a random line between Sections 3 and 10.
Variation 15° 30' East.

Ascend
6.00 Top of Spur bears N. 30° W. + S. 30° E. and descend
24.00 Cross Low Sag bears N. + S.
32.00 Enter Flat bears N. + S.
40.00 Set temporary 1/4 sec. cor.
49.00 Leave Flat bears N. 20° W. + S. 20° E. and ascend.
52.00 Top of Spur bears N. 20° E. + S. 20° W. and descend
66.00 Enter Sag, Course N. 10° E.
77.00 Leave Sag, Course N. 10° E.
80.07 Intersect N. + S. line, 36 lks. North of Cor. to Secs. 2-3-10-11 from which corner, run N. 89° 45' W. in a true line between sections 3-10
Variation ~~16°~~ 15° 30' East.
40.04 Set a sand stone 13 x 11 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 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.07 The corner to sections 3-4-9-10.
Land rolling.
Soil 2d. + 3d. rate.
Vegetation Bunchgrass.

Township 30 N. Range 56 W.

6th Principal. Meridian.

Chains	North, on a random line between Sections 3 and 4. Variation 15° 30' East.
	Ascend.
1.30	Top of Spur, bears N. 30° W. + S. 30° E. & descend.
12.00	Cross Gulch, 60 lks. wide, Course S. 30° W. & ascend.
40.00	Set temporary 1/4 sec. cor.
80.26	Intersect N.B. of Tp. 25 lks. East of cor. to sec. 3-4-33-34 from which corner I run S. 11 E. on a true line between sections 3 – 4.
	Variation 15° 30' East.
40.26	Set a sand stone 12 x 6 x 5 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.
80.26	The corner to sections 3-4-9-10
	Land mountainous
	Soil 3d. rate
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.

6th Principal. Meridian.

Chains	North, between Sections 32 and 33. Variation 15° 30' East.
5.30	Cross Running Water Creek, 30 lks. wide, Course South.
6.40	Leave Valley, bears S.E. + N.W. & ascend.
13.52	Cross Road, bears E. + W.
40.00	Set a sand stone 16 x 10 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 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
44.00	Top of Ridge, bears N.W. + S.E. & descend.
65.00	Cross Gulch, 15 lks. wide, Course S. 70° E. & ascend.
72.00	Top of Ridge, bears E. + W. & descend.
80.00	Set a sand stone 18 x 6 x 12 ins. 12 ins in the ground, for Cor. to Sec. 28-29-32-33 marked with 1 notch 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 level to 6.40 chs. then mountainous.
	Soil 3d. rate
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal Meridian.

East, on a random line between Sections 28 and 33.

Variation 15° East.

Chains	
	Over rolling land.
1.50	Cross low sag & ascend.
19.00	Top of Spur, bears N. & S. & descend.
40.00	Set temporary ¼ sec. cor.
46.64	Cross Gulch, 40 lks. wide, Course S. 15° W. & ascend.
79.91	Intersect N. & S. line, 25 lks. South of cor. to sec. 27-28-33-34 from which corner I run S. 89° 49' W. on a true line between sections 28-33.
	Variation 15° 00' East.
39.96	Set a sand stone 16 x 8 x 6 ins. 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins. N. & S. of stone 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base.
79.91	The corner to Sections 28-29-32-33.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal Meridian.

North, between Sections 28 and 29.

Variation 15° East.

Chains	
	Descend.
6.00	Enter Flat bears E. & W.
13.00	Leave Flat bears E. & W. & ascend.
28.00	Top of Spur, bears E. & W. & descend.
38.06	Cross Gulch, 40 lks. wide, Course S. 25° E. & ascend.
40.00	Set a sand stone 10 x 8 x 4 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on 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.
45.00	Top of Spur, bears N. W. & S. E. & descend.
63.00	Cross Gulch, 15 lks. wide, Course S. 20° E. & ascend.
68.00	Top of Spur, bears E. & W. & descend
80.00	Set a sand stone 16 x 12 x 8 ins. 10 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. 5½ ft. dist., & raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous. Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

East, on a random line between Sections 21 and 28.
Variation 15° 45' East.

Chains	
	Ascend.
11.30	Top of Spur, bears N. & S. & descend.
33.40	Cross Gulch, 15 lks. wide, Course S. 30° W. & ascend.
37.00	Top of Spur, bears N.E. & S.W. & descend.
40.00	Set temporary 1/4 sec. cor.
54.20	Cross Gulch, 10 lks. wide, Course S. 30° W. & ascend.
79.80	Intersect N. & S. line, 15 lks. North of Cor. to Secs. 21-22-27-28 from which corner, I run N. 89° 54' W. on a true line between sections 21-28. Variation 15° 45' East.
39.90	Set a sand stone 10 x 10 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
79.80	The corner to Sections 20-21-28-29.
	Land mountainous
	Soil 3d. rate
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

North, between Sections 20 and 21.
Variation 15° 45' East.

Chains	
	Ascend.
12.00	Top of Spur, bears E. & W. & descend.
16.00	Cross Gulch, 12 lks. wide, Course S. 60° E. & ascend.
40.00	Set a sand stone 18 x 14 x 6 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits 18 x 18 x 12 ins., E. & W. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
47.00	Top of Spur, bears N.W. & S.E. & descend.
64.70	Cross Gulch, 15 lks. wide, Course S. 20° E. & ascend.
80.00	Set a sand stone 11 x 8 x 8 ins. 8 ins. in the ground for Cor. to Secs. 16-17-20-21 marked with 3 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 30 N. Range 56 W.
6th Principal. Meridian.

East, on a random line between Sections 16 and 21.
Variation 15° 45' East.

Chains	
	Descend.
13.00	Cross low Sag & ascend.
16.00	Top of Spur, bears N. 30° W. & S. 30° E. & descend.
31.00	Cross low Sag & ascend.
36.00	Top of Spur, bears N. & S. & descend.
40.00	Set temporary 1/4 sec. cor.
58.91	Cross Gulch, 24 lks. wide, Course South & ascend.
80.20	Intersect N. & S. line, 13 lks. South of cor. to secs. 15-16-21-22 from which corner Spun S. 89° 54' W. on a true line between sections 16-21
	Variation ~~16°~~ 15° 45' East.
40.10	Set a sand stone 18x6x6 ins., 12 ins. in the ground for 1/4 Sec. Cor., marked 1/4 on W. face dug pits 18x18x12 ins. N. & S. of stone 5½ ft. dist. & raised a mound of earth 1½ ft. high, 3½ ft. base.
80.20	The corner to sections 16-17-20-21.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

North, between Sections 16 and 17.
Variation 15° 45' East.

Chains	
	Ascend.
9.00	Top of Spur, bears N. W. & S. E. & descend.
16.00	Enter Sag, Course N. 30° W.
24.00	Leave Sag, Course N. 30° W. & ascend.
32.00	Top of Spur, bears N. W. & S. E. & descend.
40.00	Set a sand stone 10x8x6 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.
42.00	Enter Sag, Course N. 70° W.
56.00	Leave Sag, Course N. 70° W. & ascend.
60.00	Top of Spur, bears E. & W. & descend.
75.00	Cross Gulch, 60 lks. wide, Course West. & ascend.
80.00	Set a sand stone 10x10x8 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. 5½ ft. dist. & raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

Chains	East, on a random line between Sections 9 and 16. Variation 16° East.
	Ascend.
27.00	Top of Spur, bears N. & S. and descend.
40.00	Set Temporary 1/4 sec. cor.
44.00	Cross Gulch 15 lks. wide, Course South & ascend
77.96	Intersect N. & line, 21 lks. South of Cor. to secs. 9-10-15-16 from which corner, I run S. 89° 51' W. on a true line between sections 9-16.
	Variation ~~15° 30'~~ 16° East.
39.98	Set a sand stone 11 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. 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.
77.96	The corner to sections 8-9-16-17.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass today, particularly the latitude and reversing apparatus, and found them correct. Dec. 16. 1881.

Township 30 N. Range 56 W.
6th Principal. Meridian.

Chains	North, between Sections 8 and 9. Variation 16° East.
	Ascend.
2.67	Cross Road from Ft. Robinson to Ft. Laramie bears N. 70° E. & S. 70° W.
28.00	Top of Spur, bears S. 30° W. & N. 30° E. and descend.
31.00	Enter Sag, Course S. 25° W.
40.00	Set a sand stone 12 x 10 x 8 ins., 8 ins. in the ground for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
55.00	Leave Sag Course S. W. and ascend.
60.00	Top of Spur, bears S. 35° W. & N. 35° E. & descend
75.00	Cross low Sag and ascend.
80.00	Set a sand stone 10 x 10 x 6 ins. 6 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 15 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 30 N. Range 56 W.
6th Principal. Meridian.

East, on a random line between Sections 4 and 9.
Variation 16° East.

Chains	
	Ascend.
13.50	Top of Spur bears N. & S. & descend.
40.00	Set temporary ¼ sec. cor.
50.08	Cross Gulch 60 lks. wide, Course South & ascend.
73.00	Top of Spur, bears N. 20° W. & S. 20° E. & descend.
80.10	Intersect N. & S. line 10 lks. South of cor. to secs. 3-4-9-10 from which corner, I run S. 89° 56' W. in a true line between sections 4-9
	Variation ~~15°~~ 16° 00' ~~30'~~ East.
40.05	Set a sand stone 16 x 8 x 5 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. & S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.10	The corner to sections 4-5-8-9.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

North, on a random line between Sections 4 and 5.
Variation 16° East.

Chains	
	Ascend
7.00	Top of Spur, bears N. 25° W. & S. 25° E. & descend.
40.00	Set temporary ¼ sec. cor.
47.00	Cross Road, bears N. E. & S. W.
80.06	Intersect N. B. of Sp. 12 lks. West of cor. to secs. 4-5-32-33 from which corner, I run S. 5' W. on a true line between sections 4-5
	Variation ~~15°~~ 16° 00' ~~45'~~ East.
40.06	Set a sand stone 11 x 8 x 7 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.
80.06	The corner to sections 4-5-8-9.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.

6th Principal. Meridian.

Chains	North, between Sections 31 and 32. Variation 15° 45 East.
	Descend.
3.00	Cross Gulch, 10 lks. wide, Course N. 30° E. and ascend.
8.00	Top of Spur, bears N. 30° E. & S. 30° W. and descend.
13.00	Cross Gulch, 30 lks. wide, Course N. 10° E. and ascend.
15.00	Top of bluff bears E. & W. and descend.
20.00	Cross Gulch, 10 lks. wide, Course N. 60° E. and ascend.
32.00	Top of bluff bears N. E. & S. W. and descend.
33.50	Enter Valley, bears E. & W.
37.40	Cross Creek, 30 lks. wide, Course East.
40.00	Set a sand stone 14 x 12 x 8 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
55.00	Cross Running Water Creek, 40 lks. wide, Course S. 10° W.
59.00	Leave Valley, bears N. 20° W. & S. 20° E. and ascend.
80.00	Set a sand stone 14 x 12 x 6 ins. 10 ins. in the ground for monument to Cor. to Secs. 29-30-31-32 marked with 1 notch on S. and 5 notches on E. edges. and raised a mound of stone. 8 ft. at base 4 ft. high. Pits impracticable
	Sand mountainous 54.50 lks. Balance level.
	Soil 3d. rate. Vegetation Bunchgrass.

Township 30 N. Range 56 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 29 and 32. Variation 16° East.
	Descend.
3.90	Cross Gulch, 20 lks. wide, Course North and ascend.
12.00	Top of Spur, bears N. & S. and descend.
33.40	Cross Road, bears N. & S.
40.00	Set temporary 1/4 sec. cor.
43.00	Cross Running Water Creek, 50 lks. wide, Course South.
50.00	Top of bluff bears N. & S. and descend.
80.06	Intersect N. & S. line, 9 lks. North of cor. to secs. 28-29-32-33 from which corner, I run N. 89° 56' W. on a true line between sections 29-32. Variation ~~15°~~ 16° 00' East.
40.03	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, 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.
80.06	The corner to sections 29-30-31-32.
	Sand mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian

Chains	West, on a random line between Sections 30 and 31. Variation 16° East.
	Ascend.
10.00	Top of Spur, bears N. & S. and descend.
23.00	Cross Gulch, 20 lks. wide, Course N. 30° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
78.46	Intersect W. B. of Tp. 11 lks. North of cor. to Secs. 30-31-25-36 which is a mound and pits with post in S. E. pit from which corner, Spun N. 89° 55' E. on a true line between sections 30-31. Variation ~~15°~~ 16° 50' East.
38.46	Set a sand stone 11x9x6 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.
78.46	The corner to Sections 29-30-31-32.
	Sand mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

Chains	North, between Sections 29 and 30. Variation 16° East.
	Ascend.
15.00	Top of Spur, bears E. & W. and descend.
16.58	Cross Running Water Creek, 40 lks. wide, Course S. 87° E.
17.00	Enter Valley, bears E. & W.
30.00	Cross Running Water Creek 35 lks. wide, Course S. 50° W.
36.90	Cross Road bears N. 30° W. & S. 30° E.
40.00	Set a line stone 16x14x12 ins., 10 ins. in the ground, for monument to 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 5 ft. high, 10 ft. base.
80.00	Set a sand stone 16x14x16 ins. 10 ins. in the ground for monument to 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 5 ft. high 10 ft. base.
	Sand level.
	Soil 2d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 16° East.
	Over level land.
16.00	Cross Running Water Creek, Course South.
21.00	Leave Valley, bears N. & S. and ascend.
40.00	Set temporary ¼ sec. cor.
68.00	Cross Gulch, 30 lks. wide, Course S. 20° E.
79.71	Intersect N. & S. line, 26 lks. South of cor. to secs. 20-21-28-29 from which corner, I run S. 89° 49' W. on a true line between sections 20-29. Variation ~~15° 45'~~ 16° East.
39.86	Set a sand stone 10 x 10 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. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.71	The corner to sections 19-20-29-30.
	Land level and rolling.
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 16° East.
	Over level land
13.30	Cross Road, bears N. W. & S. E.
29.00	Leave Valley, bears N. W. & S. E. and ascend.
40.00	Set temporary ¼ sec. cor.
45.00	Top of Spur, bears N. & S. and descend.
71.00	Cross Gulch, 20 lks. wide, Course S. 10° E. ascend.
76.00	Top of Spur bears N. & S. and descend.
77.94	Intersect W. B. of Tp., 4 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, I run S. 89° 58' E. on a true line, between sections 19-30 Variation 16° East.
37.94	Set a sand stone 10 x 10 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. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
77.94	The corner to sections 19-20-29-30
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.

6th Principal. Meridian

Chains	North, between Sections 19 and 20. Variation 16° East.
	Over level land.
24.40	Cross Running Water Creek, 30 lks. wide, Course S. 20° E.
35.70	Cross same Creek, 30 lks. wide, Course S. 50° E.
39.50	Cross same Creek, 30 lks. wide, Course S. 60° E.
40.00	Set a sand stone 14×14×10 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits 18×18×12 ins., E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft high, 3 1/2 ft. base.
43.00	Cross same Creek, 30 lks. wide, Course S. 36° W.
46.43	Cross Wire Fence, bears S. W. + N. E.
50.50	Cross same Creek, 40 lks. wide, Course S. 20° E.
55.00	Leave Valley, bears N. 20° W. + S. 20° E. and ascend.
58.00	Top of Spur, bears E. + W. and descend.
61.20	Cross Gulch 20 lks. wide, Course S. 75° W. and ascend.
75.00	Cross Gulch, 20 lks. wide, Course S. 60° W.
79.50	Top of Spur, bears E. + W. and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 17-18-19-20 marked T. 30 N. S. 17, on N. E., R 56 W, S. 20 on S. E., S. 19 on S. W. and S. 18 on N. W. faces, with 3 notches on S. and 5 notches on E. edges; dug pits, 18×18×12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base, around post.
	Sand level 55.00 lks. Balance X mountainous.
	Soil 2d. + 3d. rate. Vegetation Bunchgrass.

Township 30 N. Range 56 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15° 30' East.
	Descend.
30.00	Cross Gulch, 10 lks. wide, Course S. 70° W. and ascend.
40.00	Set temporary 1/4 sec. cor.
47.00	Top of Spur, bears N. 30° W. + S. 30° E. and descend
50.00	Enter Sag, Course N. 25° W.
56.00	Leave Sag, Course N. 25° W.
65.00	Cross Gulch, 20 lks. wide, Course S. 30° E.
80.12	Intersect N. + S. line, 11 lks. South of cor. to secs. 16-17-20-21 from which corner I run S. 89° 55' W. on a true line between sections 17-20
	Variation 15° ~~45'~~ 30' East.
40.06	Set a sand stone 18×15×13 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits 18×18×12 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.
80.12	The corner to sections 17-18-19-20.
	Sand rolling.
	Soil 2d. + 3d. rate.
	Vegetation Bunchgrass.
	Dec. 17. 1881.

Township 30 N. Range 56 W.

6th Principal. Meridian

Chains	West, on a random line between Sections 18 and 19, Variation 15° 30' East.
	Descend
5.00	Enter Valley, bears N. + S.
7.49	Cross Creek, 20 lks. wide, Course S. 40° W.
26.00	Cross Road, bears N. + S.
40.00	Set temporary 1/4 sec. cor.
41.50	Leave Valley, bears S. 20° E. + N. 20° W. and ascend.
44.50	Top of Spur, bears N. + S. and descend.
46.70	Cross Gulch, 20 lks. wide, Course North and ascend.
56.00	Top of hill bears N. + S. and descend.
77.40	Intersect W. B. of Tp. 22 lks. North of cor. to secs. 18-19-13-24, which is a mound and pits with post in S.E. pit. from which corner, I run N. 89° 51' E. on a true line between sections 18-19.
	Variation ~~16°~~ 15° 30' East.
37.40	Set a sand stone 12 x 10 x 10 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.
77.40	The corner to sections 17-18-19-20.
	Land mountainous ~~and~~ 40.90 chs. Balance level.
	Soil 2d. + 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.

6th Principal. Meridian.

Chains	North, between Sections 17 and 18. Variation 15° 30' East.
	Ascend.
20.00	Top of Spur, bears N. 20° W. + S. 20° E. and descend.
39.80	Cross Road, bears N. 70° E. + S. 70° W.
40.00	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. 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. George Weeks House, bears N. 77° 18' W. 21.50 chs. dist.
40.50	Enter Valley, bears S. 50° W. + N. 50° E.
56.85	Cross Road from Ft Robinson to Ft Laramie bears N. 50° E. + S. 50° W.
58.00	Leave Valley, bears N. W. + S. E. and ascend.
60.00	Top of Spur, bears N. 70° E. + S. 70° W. and descend.
71.00	Cross Gulch, 60 lks. wide, Course S. 45° E. and ascend.
80.00	Set a sand stone 19 x 15 x 8 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 30 N. Range 56 W.
6th Principal. Meridian

East, on a random line between Sections 8 and 17.
Variation 15° 30' East.

Chains	
	Over rolling ground.
3.00	Enter Sag. Course S. 30° E.
14.00	Leave Sag, Course S. 30° E. & ascend.
16.00	Top of Spur, bears S. 25° W. & S. 25° E. & descend.
32.50	Enter Valley, bears N. & S.
40.00	Set temporary 1/4 sec. cor.
53.70	Cross Road from Ft. Laramie to Ft. Robinson bears N. 80° E. & S. 80° W.
74.00	Cross Gulch, 28 lks. wide, Course N.W.
79.77	Intersect N. & S. line, 34 lks. South of cor. to secs. 8-9-16-17 from which corner, I run S. 89° 45' W. on a true line between sections 8-17.
	Variation 15° 30' East.
39.89	Set a sand stone 11 x 8 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.
79.77	The corner to sections 8-7-17-18.
	Land level.
	Soil 2d. rate
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

West, on a random line between Sections 7 and 18.
Variation 15° 30' East.

Chains	
	Descend over rolling land.
15.00	Enter Valley, bears N. 15° W. & S. 15° E.
16.50	Cross Road, bears S. 10° E. & N. 10° W.
34.30	Cross Running Water Creek, 30 lks. wide, Course S. 10° E. & ascend.
40.00	Set temporary 1/4 sec. cor.
77.21	Intersect W. B. of Tp. 19 lks. South of cor. to secs. 12-13-7-18 which is a limestone 15 x 12 x 3 ins. with mound & pits, from which corner I run S. 89° 52' E. on a true line between sections 7-18.
	Variation 15° 30' East.
37.21	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. N. & S. of stone 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
77.21	The corner to sections 7-8-17-18.
	Land level.
	Soil 2d. rate
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian

North, between Sections 7 and 8
Variation 15° 30' East.

Chains	
	Descend.
3.90	Cross Gulch, 50 lks. wide, Course S. 30° W. & ascend.
7.00	Top of Spur, bears N.E. & S.W. & descend.
19.00	Enter Sag, Course S. 72° W.
24.00	Leave Sag, Course S. 72° W. & ascend.
28.00	Top of Spur, bears N.E. & S.W. & descend.
36.80	Cross Road, bears N. 45° E. & S. 45° W.
40.00	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 5½ ft. dist. & raised a mound of earth 1½ ft. high, 3½ ft. base. in low Sag & ascend.
58.00	Top of Spur, bears E. & W. & descend.
80.00	Set a sand stone 19 x 15 x 13 ins. 15 ins. in the ground for Cor. to Secs 5-6-7-8 marked with 5 notches on S. & 5 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 mountainous. Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

East, on a random line between Sections 5 and 8.
Variation 15° 25' East.

Chains	
	Ascend.
6.00	Top of Spur, bears N. & S. & descend.
10.00	Enter Sag, Course North.
27.65	Cross Road, bears N. 33° E. & S. 33° W.
33.00	Leave Sag, Course North & ascend.
40.00	Set temporary 1/4 sec. cor.
	Top of Spur, bears & descend.
67.00	Enter Sag, Course N. 20° E.
74.00	Leave Sag, Course N. 20° E. & ascend.
79.94	Intersect N. & S. line 13 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 16° East. 15°25'
39.97	Set a sand stone 18 x 14 x 10 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 5½ ft. dist. & raised a mound of earth 1½ ft. high, 3½ ft. base.
79.94	The corner to sections 5-6-7-8.
	Land mountainous.
	Soil 3d. rate
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

West, on a random line between Sections 6 and 7.
Variation 15° 25' East.

Chains	
	Descend.
31.00	Cross Iron Sag & ascend.
39.50	Top of Spur, bears N. & S. & descend.
40.00	Set temporary ¼ sec. cor.
64.00	Cross Road bears N. 20° W. & S. 20° E.
77.10	Intersect W. B of Tp. 27 lks. North of cor. to secs. 6-7-1-12 which is a mound and pits with post in S. E. pit. from which corner, I run N. 89° 48' E. on a true line between sections 6-7.
	Variation 15° 25' East.
37.10	Set a sand stone 8x8x5 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.
77.10	The corner to sections 5-6-7-8
	Sand rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 56 W.
6th Principal. Meridian.

North, on a random line between Sections 5 and 6.
Variation 15° 25' East.

Chains	
	Descend. over rolling sand.
40.00	Set temporary ¼ sec. cor.
79.90	Intersect N. B of Tp. 21 lks. West of cor. to secs. 5-6-31-32 from which corner, I run S. 9° W. on a true line between sections 5-6.
	Variation 15° 25' East.
39.90	Set a sand stone 12x8x6 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.
79.90	The corner to sections 5-6-7-8.
	Sand rolling.
	Soil 3d. rate.
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass today, particularly the latitude and reversing apparatus, & found them correct.
	Dec. 19th. 1881.

GENERAL DESCRIPTION.

The land in this Township is generally mountainous.
The soil is 2d. & 3d. rate.
The vegetation consists of Bunchgrass.
It is well watered by Running Water Creek.
The Tp. is well adapted to grazing purposes and some portions of it are valuable for agriculture.
The road from Ft Laramie to Ft Robinson crosses this Township.
George Beck's house is in the North Western part of this Township.

U. S. Surveyor-General's Office.

Plattsmouth Neb.

August 31st 1882

The foregoing Field Notes of the surveys of

the Subdivision lines of Tp. No. 30 N. R. 56 W. of the Principal Base and

Meridian

in the state of Nebraska executed by

M. F. Reilley

U. S. Deputy Surveyor, under his contract dated

September 22nd 1881

in the month of Dec. 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

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

Field Notes
of the
Survey of the Subdivisions Lines
of
Township No 31 N of Base Line
of
Range No 56 W of the 6th P. M
in the
State of Nebraska
as surveyed by
George N. Fairfield
U. S. Deputy Surveyor
under his Contract
No 13.
Dated Sept 14. 1882.

Survey Commenced June 17th 1883
Survey completed June 22. 1883

Town No. 37 Range No. 56

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	46	32	34	33	23	34	12	35	1	36	

Preliminary to commencing this survey I ran S on a blank line along the E boundary of Sec 36 and at 39.96 chs found the 1/4 Sec Cor. and at 80.01 chs found the Cor to T. 31 N and Rs 55 and 56 W
Thence I run
W on a blank line along the S boundary of Sec 36. At 40.02 chs found the 1/4 Sec Cor and at 79.97 found the Cor to Secs 35 and 36
My Compass will therefore run the same line as the exterior boundaries, and the chaining practically agrees

Survey commenced June 17. 1883 with Davis Patent improved Solar Compass nearly new and in first rate condition Made by Mr. S. E. Gurley of Troy New York

Subdivisions T. 31 N

I commenced at the Cor to
Secs 1. 2. 35 and 36 on the south
boundary of Tp. which is a sand-
stone protruding 6 ins above ground
marked with 1 notch on E and 5
notches on W faces. and pits 18 x 18 x 12 ins
in each sec 5½ ft dist with a mound
of earth 2 ft high 4½ ft base alongside
Thence I run
North bet secs 35 and 36
Va 15° 40' E
Over rolling ground
20.18 Drain about 20 ft deep course S W
40.00 Grassy Drain course S E 10 ft dist
Set sandstone 18 x 7 x 5 ins 12 ins in
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 5½ ft
dist and raised a mound of earth 1½ ft
high 3½ ft base alongside
80.00 Set sandstone 17 x 17 x 4 ins 12 ins
in the ground for Cor to secs 2 5
26. 35 and 36 marked with 1 notch on
S and E faces dug pits 18 x 18 x 12 ins in

R 56 W Continued

each sec 5½ ft dist and raised a mound
of earth 2 ft high 4½ ft base alongside
Land rolling
Soil sandy 2nd and 3rd rate

East on a random line bet secs 25 and 36
Va 15° 40' E
Over rolling Prairie
40.00 Set temporary 1/4 Sec Cor
41.00 Drain 20 ft deep course S W
79.92 Intersect E boundary of the township
at 28 4/6 N of the Cor to secs 25. 30 31 and
36 which is a sandstone 18 x 11 x 5 ins 12
ins in the ground marked with 5 notches
on N and 1 notch on S faces and pits 18 x 18
x 12 ins in each sec 5½ ft dist with mound
of earth 2 ft high 4½ ft base alongside
Thence I run
N 89° 48' W on a true line bet secs
25 and 36 with same Va
39.96 Set sandstone 13 x 13 x 6 ins 9 ins in the

Subdivisions T 31 N

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 alongside
79.92 Cor to Secs 23. 26. 35 and 36
Land rolling
Soil sandy 2nd rate

North bet secs 25 and 26
Va 15° 40' E
over rolling ground
10.20 Foot of sandstone bluff about 90 ft high
course S E and descend
12.50 Top of bluff descend
16.00 Drain 10 ft deep course S E 100 ft blow
top of bluff enter rolling land
40.00 Set sandstone 16x9x7 ins 11 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 alongside

R. 56 W continued

80.00 Crossing drain course S E.
Set sandstone 20x6x5 ins 15 ins in the
ground for cor to secs 23. 24. 25 and 26
marked with 2 notches on S and 1 notch on E faces
dug pits 18x18x12 ins in each sec 5½ ft dist and raised
a mound of earth 2 ft high 4½ ft base alongside
Land rolling and bluffy
Soil sandy 3rd rate

East on a random line bet secs 24 and 25
Va 15° 40' E
Over rolling prairie
40.00 Set temporary 1/4 sec cor
79.64 Intersect E boundary of Tp 9 ths N of cor to Secs 19
24 25 and 30 which is a sandstone 21x11x6 ins
16 ins in the ground marked with 4 notches on N
and 2 notches on S faces and pits 18x18x12 ins
E and W of stone 5½ ft dist with mound of
earth 2 ft high 4½ ft base alongside
Thence I run
N 89° 56' W on a true line bet secs 24 and 25 with course Va

Subdivisions T. 31 N

39.82 Set sandstone 19 x 7 x 5 ins 14 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 alongside

79.64 Cor to Secs 23. 24 25 and 26

Land rolling Soil sandy 3rd rate

North bet Secs 23 and 24

Va 15° 40' E

Over rolling Prairie

40.00 Set sandstone 15 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 N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside

80.00 Set sandstone 18 x 10 x 4 ins 12 ins in the ground for cor to secs 13. 14. 23 and 24 marked with 3 notches on S and 1 notch on E faces 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 alongside

Land rolling Soil sandy 3rd rate

R 56 W continued

East on a random line bet Secs 13 and 24

Va 15° 40' E

Over rolling Prairie

40.00 Set timbering 1/4 Sec Cor

80.18 Intersect E boundary of the Tp. 35 Lks 8 of Cor to Secs 13. 18. 19 and 24 which is a sandstone 26 x 14 x 8 ins 19 ins in the ground marked with 3 notches on N and 8 faces and pits 18 x 18 x 12 ins in each sec 5½ ft dist with mound of earth 2 ft high 4½ ft base alongside

Thence S on

S 89° 45' Mountine line bet Secs 13 and 24 with same Va

40.09 Set sandstone 16 x 7 x 6 ins 11 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 base alongside

80.18 Cor to Secs 13. 14. 23 and 24

Land rolling

Soil sandy 3rd rate

Subdivisions T. 31 N.

North bet Secs 13 and 14
Va 15° 40' E
Over rolling prairie
40.00 Set sandstone 22 x 13 x 3 ins 18 ins in the ground for 1/4 sec cor marked 1/4 on W face dug pits 18 x 18 x 12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.00 Set sandstone 17 x 12 x 4 ins 12 ins in the ground for cor to Secs 11, 12, 13 and 14 marked with 4 notches on S and 1 notch on E faces 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 alongside
Land rolling
Soil sandy 3rd rate

R 5 E continued

East on a random line bet Secs 12 and 13
Va 15° 40' E
Over rolling prairie
40.00 Set temporary 1/4 sec cor
79.80 Intersect E boundary of Tp 17 N's W of Cor to Secs 7, 12, 13 and 18 which is a sandstone 25 x 12 x 6 ins 19 ins in the ground marked with 2 notches on N and 4 notches on S faces, and pits 18 x 18 x 12 ins in each sec 5½ ft dist with a mound of earth 2 ft high 4½ ft base alongside
Thence I mu
N 89° 53' W on a true line bet secs 12 and 13 with same Va
39.90 Set a sandstone 19 x 12 x 4 ins 14 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 alongside
79.80 Cor to Secs 11, 12, 13 and 14
Land rolling
Soil sandy 3rd rate

Subdivisions T 31 N

North bet secs 11 and 12
Va 15° 40' E
Over rolling prairie
40.00 Set sandstone 13 x 12 x 7 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 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 alongside
70.00 Old road course E and S.W.
80.00 Set sandstone 18 x 11 x 5 ins 12 ins in the ground for Cor to secs 1. 2. 11 and 12 marked with 5 notches on S and 1 notch on E faces 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 alongside
Land rolling
Soil sandy 3rd rate

R 56 W - continued

East on a random line bet secs 1 and 12
Va 15° 40' E
Over rolling prairie
40.00 Set temporary 1/4 Sec Cor
80.26 Intersect E boundary of Tp 12 lks N of Cor to Secs 1. 6. 7 and 12 - which is a sandstone 18 x 11 x 4 ins 36 ins in the ground marked with 1 notch on N and 5 notches on S faces and pits 18 x 18 x 12 ins in each sec 5 1/2 ft dist with a mound of earth 2 ft high 4 1/2 ft base alongside
Thence I run
N 89° 55' W on a true line bet secs 1 and 12 with same Va
40.13 Set sandstone 12 x 12 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 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
80.26 Cor to Secs 1. 6. 7 and 12
Land rolling
Soil sandy 3rd rate

Subdivisions T 31 N

North magnetic line bet secs 1 and 2
Va 15° 40' E
Over rolling prairie
40.00 Set temporary 1/4 Sec Cor
79.92 Intersect N boundary of Tp 33 Rs E of Cor to secs 1. 2. 35 and 36 which is a sandstone 20 x 14 x 6 ins 15 ins in the ground marked with one notch on E and 5 notches on W faces and pits 18 x 18 x 12 ins in each sec 5½ ft dist with mound of earth 2 ft high 4½ ft base alongside
Thence I run
S 0° 14' E on a true line bet secs 1 and 2 with same Va
39.92 Set sandstone 20 x 6 x 6 ins 15 ins in the ground for 1/4 sec Cor marked 1/4 on W face dug pits 18 x 18 x 12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
7992 ~~The Cor to Secs 1. 2. 11 & 12~~
Land rolling
Soil sandy 3rd rate

June 17th 1883

R 5 6 W continued

From the Cor to secs 2. 3. 34 and 35 on the south boundary of the township which is a sandstone fastending 5 ins above ground marked with 2 notch on E and 4 notches on W faces and pits 18 x 18 x 12 ins in each sec 5½ ft dist with mound of earth 2 ft high 4½ ft base alongside
I run
North bet secs 34 and 35
Va 15° 40' E
Over broken ground
20.00 enter rolling prairie
40.00 Set sandstone 16 x 13 x 4 ins 11 ins in the ground for 1/4 sec Cor marked 1/4 on W face dug pits 18 x 18 x 12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.00 Set sand stone 19 x 10 x 4 ins 14 ins in the ground for cor to secs 26. 27 34 and 35 marked with 1 notch on S and 2 notches on E faces dug pits 18 x 18 x 12 ins in each sec 5½ ft. dist and raised a mound of earth 2 ft high

4 1/2 ft base alongside
Land broken and rolling
Soil sandy 3rd rate

East on a random line bet secs 26 and 35
Va 15° 40' E
over rolling prairie
40.00 Set temporary 1/4 sec cor
80.34 Intersect N and S line 5 lks S of cor to
Secs 25. 26. 35 and 36
Thence I mn
S 89° 58' W on a true line bet secs 26 and 35 with mag Va
40.17 Set sandstone 14 X 11 X 6 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 alongside
80.34 Cor to Secs 26. 27. 34 and 35
Land rolling
Soil sandy 3rd rate

North bet secs 26 and 27
Va 15° 40' E
Over rolling prairie
40.00 Set sandstone 18 X 10 X 4 1/2 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 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 alongside
80.00 Set sandstone 21 X 10 X 5 1/2 ins 16 ins
in the ground for cor to secs 22. 23
26 and 27 marked with 2 notches on
S and E faces 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 alongside
Land rolling
Soil sandy 3rd rate

Subdivisions T. 31 N.

East on a random line bet secs 23 and 26
Va 15° 40' E

Over rolling prairie

40.00 Set temporary 1/4 sec cor

80.30 Intersect N and S line 28 lks S of cor to secs 23, 24, 25 and 26
Thence I run
S 89° 48' W on a true line bet secs 23 and 26 with sense Va

40.15 Set sandstone 15 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 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside

80.30 Cor to secs 22, 23, 26 and 27
Land rolling
Soil sandy 3rd rate

R. 56 W. Continued.

North bet secs 22 and 23
Va 15° 40' E

Over rolling prairie

40.00 Set sandstone 14 x 12 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 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 alongside

80.00 Set sandstone 19 x 13 x 3 ins 14 ins in the ground for cor to secs 14, 15, 22 and 23 marked with 3 notches on the S and 2 notches on E faces 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 alongside
Land rolling
Soil sandy 3rd rate

Subdivisions T. 31 N

East on a random line bet secs 14 and 23
Va 15° 40' E
Over rolling prairie
40.00 Set temporary 1/4 sec cor
79.78 Intersect N and S line 21 chs N of
Cor to secs 13, 14, 23 and 24
Thence I run
N 89° 51' on a true line bet secs
14 and 23 with same Va
39.89 Set sandstone 16 x 8 x 6 ins 11 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 alongside
79.78 Cor to secs 14, 15, 22 and 23
Land rolling
Soil sandy 3rd rate

R 56 W continued

North bet secs 14 and 15
Va 15° 40' E
Over rolling prairie
40.00 Set sandstone 15 x 14 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
N and S of stone 5½ ft dist and
raised a mound of earth 1½ ft high
3½ ft base alongside
80.00 Set sandstone 18 x 18 x 3½ ins 12
ins in the ground for Cor to secs
10, 11, 14 and 15 marked with 4 notches
on S and 2 notches on E faces dug
pits 18 x 18 x 12 ins in each sec 5½ ft
dist and raised a mound of earth
2 ft high 3½ ft base alongside
Land rolling
Soil sandy 3rd rate

Subdivision T. 31 N

	East on a random line bet secs 11 and 14
	Va 15° 40' E
	Over rolling prairie.
40.00	Set temporary 1/4 sec Cor
80.42	Intersect N and S line 11 chs N of Cor
	to Secs 11. 12. 13 and 14
	Thence I run
	N 89° 55' W on a true line bet secs
	11 and 14 with same Va
40.21	Set sand stone 12 x 12 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 E and W of stone 5 1/2 ft
	dist and raised a mound of earth
	1 1/2 ft high 3 1/2 ft base alongside
80.42	Cor to Secs 10. 11. 14 and 15
	Land rolling
	Soil sandy 3rd rate

I carefully examined the adjustment of my Solas Compass to day. particulary the Latitude and reversing apperatus and found them to be correct

R. 5 6 W Continued

	North bet secs 10 and 11
	Va 15° 40' E
7.50	Old road bears N E and S W
40.00	Set sand stone 17 x 12 x 5 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 alongside
80.00	Set sandstone 19 x 7 x 5 ins 14 ins in
	the ground for cor to Secs 2. 3. 10
	and 11 marked with 5 notches on
	S and 2 notches on E faces 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 alongside
	Land rolling
	Soil sandy 3rd rate

Subdivision T 31 N

East on a meridian line bet Secs 2 and 11
Va 15° 40' E
Over rolling prairie
40.00 Set temporary 1/4 Sec Cor
79.98 Intersect Hand S line 14 lks S of Cor to secs 1. 2. 11 and 12
Thence I run
S 89° 54' W on a true line bet secs 2 and 11 with same Va
39.99 Set sandstone 24 x 11 x 3 ins 18 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 alongside
79.98 Cor to Secs 2. 3. 10 and 11
Land rolling
Soil sandy 3rd rate

R 56 W Continued

North on a meridian line bet Secs 2 and 3
Va 15° 40' E
Over rolling prairie
40.00 Set temporary 1/4 Sec Cor
80.16 Intersect N boundary of Tp. 22 lks W of Cor to Secs 2. 3. 34 and 35 which is a sandstone 18 x 13 x 5 ins 12 ins in the ground marked with 2 notches on E and 4 notches on W faces and pits 18 x 18 x 12 ins in each sec 5 1/2 ft dist with mound of earth 2 ft high 4 1/2 ft base alongside
Thence I run
S 0° 9' W on a true line bet secs 2 and 3 with same Va
40.16 Set sandstone 21 x 6 x 5 ins 16 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 alongside
80.16 Cor to Secs 2. 3. 10 and 11
Land rolling
Soil sandy 3rd rate

June 18th 1883

From the Cor to Secs 3 4. 33 and 34
on the north boundary of the township
which is a sandstone protruding 5 ins
above ground marked with 3 notches
on E and W faces and pits 18x18x12
ins in each sec 5½ ft dist with
mound of earth 2 ft high 4½ ft
base alongside
Thence
North bet secs 33 and 34
Va 15° 40' E
Over rolling prairie
40.00 Set sandstone 18x9x6 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
alongside
80.00 Set sandstone 16x10x5 ins 11 ins in
the ground for cor to secs 27. 28
33 and 34 marked with one notch
on S and 3 notches on E faces dug
pits 18x18x12 ins in each sec 5½ ft

dist and raised a mound of earth
2 ft high 4½ ft base alongside
Land rolling
Soil sandy 3rd rate

East on a random line bet secs 27 and 34
Va 15° 40' E
Over rolling prairie
31.00 Drain about 10 ft deep course S.
40.00 Set temporary 1/4 sec cor
79.70 Intersect N and S line 12 lks N of cor to
secs 26. 27. 34 and 35
Thence I run
N 89° 55' W on a true line bet secs
27 and 34 with same Va
39.85 Set sandstone 13x13x6 ins 9 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 alongside

79.70 Cor to secs 27, 28, 33 and 34
Land rolling Soil sandy 3rd rate

North bet secs 27 and 28
Va 15° 40' E
Over rolling prairie
40.00 Set sand stone 17 x 10 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 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
61.00 Old road course N E and S W.
80.00 Set sandstone 16 x 12 x 4 ins 11 ins in the ground for Cor to secs 21, 22, 27 and 28 marked with 2 notches on S and 3 notches on E faces 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 alongside
Land rolling
Soil sandy 3rd rate

East on a random line bet secs 22 and 27
Va 15° 40' E
Over rolling prairie
13.00 Old road bears N.E. and S W
27.00 Drain about 12 ft dep course S
40.00 Set temporary 1/4 Sec Cor
80.00 Intersect N and S line 44 lks N of Cor to secs 22, 23, 26 and 27
Thence I run
N 89° 41' W on a true line bet secs 22 and 27 with same Va
40.00 Set sandstone 14 x 10 x 7 ins 10 ins in the ground for 1/4 sec Cor marked 1/4 S 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 alongside
80.00 Cor to secs 21, 22, 27 and 28
Land rolling
Soil sandy 3rd rate

Subdivisions T. 31 N.

North bet secs 21 and 22
Va 15° 40' E
Over rolling prairie
40.00 Set sandstone 19 x 8 x 5 ins 15 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 alongside
80.00 Set sandstone 18 x 11 x 4 ins 12 ins in the ground for Cor to secs 15 16. 21 and 22 marked with 3 notches on S and E faces 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 alongside
Land rolling
Soil sandy 3rd rate

I carefully examined the adjustments of my Solar Compass to day particularly the Latitude and reversing Apparatus and found them to be correct

R. 56 W. continued

East on a random line bet secs 15 and 22
Va 15° 40' E
Over rolling prairie
19.50 Old road bears N E and S
40.00 Set temporary 1/4 sec Cor
79.86 Intersect N and S line 16 links W of Cor to secs 14. 15 22 and 23
Thence Run
N 89° 53' W on a true line bet secs 15 and 22 with same Va
39.93 Set sandstone 20 x 8 x 4 1/2 ins 15 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 alongside
Cor to Secs 15. 16. 21 & 22
79.86 Land rolling
Soil sandy 3rd rate

Subdivision T. 31 N

North bet secs 15 and 16
Va 15° 40' E
Over rolling prairie
40.00 Set sandstone 15 x 11 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 N and S of stone 5 1/2 ft diat and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
80.00 Set sandstone 23 x 9 x 3 ins 18 ins in the ground for Cor to secs 9. 10 15 and 16 marked with 4 notches on S and 3 notches on E faces dug pits 18 x 18 x 12 ins in each sec 5 1/2 ft diat and raised a mound of earth 2 ft high 4 1/2 ft base alongside
Land rolling
Soil sandy 3rd rate

R 56 W continued

East on a random line bet secs 10 and 15
Va 15° 40' E
40.00 Set temporary 1/4 sec Cor
69.00 Old road bears N E and S W
79.74 Intersect N and S line 19 lks S of Cor to Secs 10. 11. 14 and 15
Thence I run
S 89° 52' W on a true line bet secs 10 and 15 with same Va
39.87 Set sandstone 15 x 13 x 4 ins 10 ins in the 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 diat and raised a mound of earth 1 1/2 ft high 3 1/2 ft base alongside
79.74 Cor to secs 9. 10 15 and 16
Land rolling
Soil sandy 3rd rate

Subdivisions T. 31 N

North bet secs 9 and 10
Va 15°40' E
Over rolling prairie

40.00 Set sandstone 16 x 10 x 4 ins 11 ins in the ground for 1/4 sec cor marked 1/4 on W 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 alongside

80.00 Set sandstone 16 x 12 x 5 ins 11 ins in the ground for cor to secs 3 4. 9 and 10 marked with 5 notches on S and 3 notches on E faces dug pits 18x18x12 ins in each sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base alongside
Land rolling
Soil sandy 3rd rate

R. 56 W continued

East on a random line bet secs 3 and 10
Va 15°40' E
Over rolling prairie

40.00 Set temporary 1/4 sec cor

79.68 Intersect N and S line 7 lks N of Cor to Secs 2. 3. 10 and 11
Thence I run
N 89°57' W on a true line bet secs 3 and 10 with same Va

39.84 Set sandstone 20 x 7 x 4 ins 15 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 alongside

79.68 Cor to secs 3. 4. 9 and 10
Land rolling
Soil sandy 3rd rate

Subdivisions T. 31 N

North on a random line bet secs 3 and 4
Va 15° 40' E
Over rolling prairie
40.00 Set temporary 1/4 sec Cor
79.80 Intersect N boundary of Tp 16 Lks W
of Cor to secs 3. 4. 33 and 34 which
is a sandstone 22 x 11 x 4 ins 17 ins
in the ground marked with 3 notches
on E and W faces and pits 18 x 18 x 12 ins in
each sec 5½ ft dist with mound of
earth 2 ft high 4½ ft base alongside
Thence Com
S 0° 7' W on a true line bet secs
3 and 4 with some Va
39.80 Set sandstone 12 x 12 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 N and
S of stone 5½ ft dist and raised a mound
of earth 1½ ft high 3½ ft base alongside
79.80 Cor to Secs 3. 4. 9 and 10
Land rolling
Soil sandy 3rd rate

June 19th 1883

R 56 W continued

From the Cor to secs 4. 5. 32 and 33 on the
south boundary of the Township which is
a sandstone projecting 5 ins above
ground marked with 4 notches on E
and 2 notches on W faces, with pits
18 x 18 x 12 ins in each sec 5½ ft dist
and a mound of earth 2 ft high 4½ ft
base alongside
Proceed
North bet secs 32 and 33
Va 15° 40' E
Over rolling prairie
37.00 Drain 30 ft deep course S W
40.00 Set sandstone 18 x 14 x 3 ins 12 ins in
the ground for 1/4 sec Cor marked 1/4 on
W face dug pits 18 x 18 x 12 ins N and
S of stone 5½ ft dist and raised a
mound of earth 1½ ft high 3½ ft base alongside
80.00 Set sandstone 15 x 13 x 6 ins 10 ins
in the ground for Cor to secs 28.
29. 32 and 33 marked with 1
notch on S and 4 notches on E faces
dug pits 18 x 18 x 12 ins in each sec 5½

Subdivisions T. 31 N

ft dist and raised a mound of earth
2 ft high 4½ ft base along side
Land rolling soil sandy 3rd rate

East on a random line bet secs 28 and 33
Va 15° 40' E

21.44 Drain 30 ft deep course S
40.00 Old road bears N E and S W
Set temporary ¼ Sec Cor
80.18 Intersect N and S line 33 chs S of Cor to
secs 27, 28, 33 and 34
Thence I run
S 89° 46' W on a true line bet secs
28 and 33 with same Va
110.09 Set sandstone 17 x 9 x 4 ins 12 ins in the
ground for ¼ sec cor marked ¼ on N
face dug pits 18 x 18 x 12 ins E and W of stone
5½ ft dist and raised a mound of
earth 1½ ft high 3½ ft base along side
80.18 Cor to Secs 28, 29, 32 and 33
Land rolling Soil sandy 3rd rate

R. 5 6 W Continued

North bet secs 28 and 29
Va 15° 40' E
Over rolling prairie
40.00 Set sandstone 12 x 12 x 6 ins 8 ins in the
ground for ¼ sec cor marked ¼ on W face
dug pits 16 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 along side
42.00 Top of sand ridge 20 ft high and descend
44.00 Drain 50 ft below top of ridge course S E
46.00 Top of sand ridge 50 ft high and descend
47.84 Same Drain 50 ft below top of ridge course S W
49.00 Top of sand ridge 50 ft high over sand ridges
70.50 Drain 50 feet below top of ridge course S E
73.00 Top of sand ridge 50 ft high
80.00 Set sandstone 16 x 15 x 3½ ins 11 ins in
the ground for Cor to Secs 20, 21, 28 and
29 marked with 2 notches on S and 4
notches on E faces dug pits 18 x 18 x 12 ins in
each sec 5½ ft dist and raised a mound
of earth 2 ft high 4½ ft base along side
Land 42 rods rolling remainder broken
Soil sandy 3rd rate

Subdivisions T 31 N

	East on a random line bet Secs 21 and 28 Va 15° 40' E
4.00	enter rolling prairie bears N and S
40.00	Set temporary 1/4 sec Cor
59.00	Road bears N and S
80.24	Intersect N and S line 21 Mls N of Cor to Secs 21, 22, 27 and 28
	Thence S on
	N 89° 51' W on true line bet Secs 21 and 28 with same Va
40.12	Set sandstone 20 x 7 x 5 ins 15 ins in the ground for 1/4 sec cor marked 1/4 on N face dug pits 18 x 18 x 12 ins E and W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.24	Cor to Secs 20, 21, 28 and 29
	Land rolling
	Soil sandy 3rd rate

R 56 W continued

	North bet Secs 20 and 21 Va 15° 40' E
	Over sand ridge
21.00	Enter Drain 50 ft below top of ridge course S W
	Through Drain
40.00	Set Sandstone 21 x 14 x 3½ ins 16 ins in the ground for 1/4 sec cor marked 1/4 on N face dug pits 18 x 18 x 12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
42.20	Top of sand ridge 50 ft high bears N and S
76.00	Foot of sand ridge, 50 ft below top enter Drain
	course S E and ascend to
78.00	Top of sand ridge 50 ft high
80.00	Set sandstone 19 x 14 x 5½ ins 15 ins in the ground for Cor to Secs 16, 17, 20 and 21 marked 3 notches on S and 4 notches on E faces 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 alongside
	Land broken
	Soil sandy 3rd rate

Subdivisions T 31 N

	East on a random line bet secs 16 and 21
	Va 15° 40' E
6.50	descend about 20 ft. thence over a rolling prairie
40.00	Set limestone 1/4 Sec Cor
63.00	road bears N and S
80.26	Intersect N and S line 18 lks S of Cor to
	secs 15. 16. 21 and 22
	Thence S mne
	S 89° 52' W on a true line bet secs
	16 and 21 with same Va
40.13	Set sandstone 15 x 7 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
	and W of stone 5 1/2 ft dist and
	raised a mound of earth 1 1/2 ft
	high 3 1/2 ft base alongside
80.26	Cor to secs 16. 17. 20 and 21
	Land 6.50 chs sandridge remainder rolling prairie
	Soil sandy 3rd rate

R 5 6 W continued

	North bet secs 16 and 17
	Va 15° 40' E
	Over sand ridge 6
6.00	Drain about 50 ft below top of ridge course S.W.
	and ascend 6
9.00	Top of sand ridge 50 ft high
31.00	Drain about 50 ft deep course S.E.
40.00	Set sandstone 17 x 7 x 5 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 alongside
43.00	Top of sand ridge about 50 ft high
80.00	Set sandstone 18 x 9 x 6 ins 12 ins in
	the ground for Cor to secs 8. 9. 16
	and 17 marked with 4 notches on S
	and E faces dug pits 18 x 18 x 12 ins in
	each sec 5 1/2 ft dist and raised a mound
	of earth 2 1/2 ft high 4 1/2 ft base alongside
	Land broken
	Soil sandy 3rd rate

Subdivisions T 31 N

East on a meandered line bet secs 9 and 16
Va 15° 40' E

3.50 Foot of sand ridge enters rolling prairie
about 20 ft below top of ridge

40.00 Set temporary 1/4 Sec Cor

45.00 Drain about 10 ft deep course S

58.00 Road bears S E and N W

75.20 From this point a sandstone 150 x 50 x 11 ft
high bears N 10 lks dist

79.94 Intersect N and S line at Cor to secs
9. 10. 15. and 16
Thence S on
N on a true line bet secs 9 and 16
with same Va

39.97 Set sandstone 22 x 11 x 4 ins 17 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 along side

79.94 Cor to secs 8. 9. 16 and 17
Land rolling
Soil sandy 3rd rate

R 56 W continued

North bet secs 8 and 9
Va 15° 40' E

Over round ridge

9.00 Drain about 40 ft deep course S W

40.00 Set sandstone 16 x 16 x 3 1/2 ins 11 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 alongside

45.60 Drain about 40 ft deep course S E

80.00 Set sandstone 16 x 10 x 7 ins 11 ins
in the ground for Cor to Secs 4. 5
8 and 9 marked with 5 notches on
S and 4 notches on E faces 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 alongside
Land broken
Soil sandy 3rd rate

Subdivisions T 31 N

	East on a random line bet secs 4 and 9
	Va 15° 40' E
	Over rolling prairie
36.00	Road bears N and S
40.00	Set temporary 1/4 sec cor
80.10	Intersect N and S line 20 lks N of cor to
	Secs 3. 4. 9 and 10
	Thence I run
	N 89° 51' W on a true line bet secs
	4 and 9 with same Va
40.05	Set sandstone 19 x 9 x 4 ins 15 ins
	in the ground for 1/4 sec cor marked
	1/4 on N face dug pits 18 x 18 x 12 ins
	E and W of stone 5½ ft dist and
	raised a mound of earth 1½ ft high
	3½ ft base alongside
80.10	Cor to secs 4. 5. 8 and 9
	Land rolling
	Soil sandy 3rd rate

R 56 W continued

	North on a random line bet secs 4 and 5
	Va 15° 40' E
	Over rolling prairie
40.00	Set temporary 1/4 sec cor
80.26	Intersect N boundary of Tp. 27 lks
	E of cor to secs 4. 5. 32 and 33 which
	is a sandstone 17 x 15 x 8 ins 12 ins in
	the ground marked with 4 notches on
	the E and 2 notches on W faces and
	pits 18 x 18 x 12 ins in each sec 5½ ft
	dist with mound of earth 2 ft high
	4½ ft base alongside
	Thence I run
	S 0° 12' E on a true line bet secs
	4 and 5 with same Va
40.26	Set sandstone 26 x 14 x 3 ins 20
	ins in the ground for 1/4 sec cor
	marked 1/4 on W. face dug pits 18 x 18 x
	12 ins on N and S of stone 5½ ft dist and
	raised a mound of earth 1½ ft high 3½ ft base along side
80.26	Cor to secs 4. 5. 8 and 9
	Land rolling
	Soil sandy 3rd rate

June 20th 1883

Subdivisions T. 31 N

From the cor to secs 5 6. 31 and 32 on the south boundary of the Tp which is stone protruding 6 ins above ground marked with 5 notches on E and 1 notch on W faces with pits 18×18×12 ins in each sec 5½ ft dist and a mound of earth 2 ft high 4½ ft base alongside

I run

North bet secs 31 and 32

Va 15° 40' E

Over rolling prairie

40.00 Set sandstone 15×9×7 ins 10 ins in the ground for 1/4 sec Cor marked 1/4 on W face dug pits 18×18×12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside

80.00 Set sandstone 19×10×4 ins 15 ins in the ground for cor to secs 29. 30. 31 and 32 marked with 1 notch on S and 5 notches E faces dug pits 18×18×12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base alongside

R 56 W continued

Land rolling

Soil sandy 3rd rate

East on a random line bet secs 29 and 32

Va 15° 40' E

Over rolling prairie

40.00 Set temporary 1/4 sec Cor

79.82 Intersect N and S line 24 lks N of Cor to secs 28. 29. 32 and 33

Thence I run

N 89° 50' W on a true line bet secs 29 and 32 with same Va

39.91 Set sandstone 18×10×4 ins 12 ins in the ground for 1/4 sec Cor marked 1/4 on N face dug pits 18×18×12 ins E and W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside

79.82 Cor to secs 29. 30. 31 and 32

Land rolling

Soil sandy 3rd rate

Subdivisions T. 31 N

West on a random line bet secs 30 and 31
Va 15° 40' E
Over rolling prairie
5.40 Drains about 12 ft deep course S
40.00 Set temporary 1/4 sec Cor
69.86 Intersect ~~W boundary of Tp~~ 7th Guide Meridian west 40 lks N of Cor to secs 25. 30. 31 and 36 which is a ~~mound of earth 2½ ft high 4½ ft base with~~ marked stone in mound 2½ ft high 4½ ft base and pits 24 24 x 12 ins in each sec 5½ ft dist In S E pit a pine stake 2 ft long 2 ins square marked
T. 31 N S 30 on N E
R 56 W S 31 on S E
R 57 W S 36 on S W and
S 25 on N W faces with 1 notch on S and 5 notches on N edges
Thence I run
N 89° 40' E on a true line bet secs 30 and 31 with same Va
29.86 Set sandstone 17 x 14 x 5 ins 12 ins in the ground for 1/4 sec cor marked 1/4 on W face dug pits 18 x 18 x 12 ins E and W of stone 5½ ft dist a raised a mound

R 56 W continued

of earth 1½ ft high 3½ ft base alongside
69.86 Cor to Secs 29. 30. 31 and 32
Land rolling
Soil sandy 3rd rate

North bet secs 29 and 30
Va 15° 40' E
Over rolling prairie
40.00 Set sandstone 18 x 8 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 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base alongside
80.00 Set sandstone 20 x 8 x 5 ins 15 ins in the ground for Cor to secs 19. 20. 29 and 30 marked with 2 notches on S and 5 notches on E faces 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 alongside
Land rolling Soil sandy 3rd rate

Subdivision T. 31 N

East on a random line bet Secs 20 & 29
Va 15°40' E

40.00 Set temporary 1/4 Sec Cor
50.00 Drain Course DE
69.00 Ridge 50 ft high descend
75.00 Drain Course D.
79.90 Intersect N & S. line 20 lks N of Cor to Secs 20, 21, 28 & 29, thence run
N 89°51' West on a true line bet Secs 20 & 29 with same Va
39.95 Set Sandstone 18 x 13 x 9 ins, 11 ins in the ground for 1/4 Sec Cor Marked 1/4 on N face, dug pits 18 x 18 x 12 ins E & W of Cor 5½ ft dist, and raised a mound of Earth 1½ ft high 3½ ft base along side
79.90 The Cor to Secs 19, 20, 29 & 30 is N 40 lks level, E 40 rolling & broken Soil 3rd and 4th rate

R. 56 W. Continued

West on a random line bet Secs 19 & 30
Va 15°40' E

40.00 Set temporary 1/4 Sec Cor
70.20 Intersect 7th Guide Meridian 65 lks N of Cor to Secs 19, 24, 25 & 30 a lime stone 24 x 6 x 2 ins in mound of Earth 2½ ft high and pits 24 x 24 x 12 ins from which Cor I run
N 89°38' East on a true line bet Secs 19 & 30 with same Va
30.20 Set Sandstone 15 x 14 x 10 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 & W of Cor 5½ ft dist, and raised a mound of Earth 1½ ft high, 3½ ft base alongside
70.20 The Cor to Secs 19, 20, 29 & 30 Surface gently rolling to broken Sandy soil, 3rd rate

Subdivision T 31 N

North bet Secs 19 & 20
Va 15° 40' E

40.00 Set Sandstone 12 x 12 x 11 ins 7 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 Cor 5 1/2 ft dist, and raised Mound of Earth 1 1/2 ft high 3 1/2 ft base alongside

70.00 Drain SE

80.00 Set Sandstone 19 x 13 x 8 ins, 12 ins in the ground for Cor to Secs 17, 18, 19 & 20, Marked 3 Notches on S & on E faces 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 along side
Land Rolling
Soil Sandy 3rd rate

I carefully examined the adjustment of my Solar Compass to day particularly the Latitude and receiving approximates and found them correct

R. 56 W Continued

East on a random line bet Secs 17 & 20
Va. 15° 40' E

35.00 Drain course SE
40.00 Set temporary 1/4 Sec Cor
76.00 Drain course SE
80.00 Intersect N & S line 30 Chs N of Cor to Secs 16, 17, 20 & 21 from which Cor I run N 89° 47' West on a true line bet Secs 17 & 20, with same Va

40.00 Set Sandstone 18 x 12 x 9 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 & W of Cor 5 1/2 ft dist, and raised mound of Earth 1 1/2 ft high 3 1/2 ft base alongside

80.00 The Cor to Secs 17, 18, 19 & 20
Surface Gently rolling
Soil Sandy 3rd rate

Subdivision T 31 N

West on a random line bet secs 18+19
Va 15°40' E

15.00 Drain course SE
40.00 Set temporary 1/4 sec Cor
70.80 Intersect 7th Guide Meridian
66 lks N of Cor to Secs 13. 18, 19+24
a pine post 3 ft × 2×2 ins in
mound of Earth 2 1/2 ft high with
pits 24×24×12 ins, thence I run
N 89° 29' East on a true line
bet Secs 18+19, with same Va
30.80 Set Sandstone 20×17×7 ins 13 ins
in the ground for 1/4 sec Cor Marked
1/4 on N face, dug pits 18×18×12
ins E & W of Cor 5 1/2 ft dist and
raised mound of Earth 1 1/2 ft high
3 1/2 ft base alongside
70.80 The Cor to Secs 17. 18. 19+20
Surface gently rolling
Soil Sandy 3rd rate

R 56 W. Continued

North bet Secs 17+18
Va 15°40' E

10.00 Drain course E
40.00 Set Sandstone 21×15×5 ins
15 ins in the ground for 1/4 sec
Cor marked 1/4 on W face, dug
pits 18×18×12 ins N & S of Cor
5 1/2 ft dist, and raised mound of
Earth 1 1/2 ft high 3 1/2 ft base alongside
80.00 Set Sandstone 30×10×8 ins 20
ins in the ground for Cor to Secs
7. 8. 17+18 Marked 4 notches
on S and 5 notches on E faces
dug pits 18×18×12 ins in each sec
5 1/2 ft dist, and raised a mound
of Earth 2 ft high 4 1/2 ft base alongside
Surface gently rolling
Soil Sandy 3rd rate

Subdivision T 31 N

East on a random line bet Secs 8 & 17
Va 15° 40' E

40.00 Set temporary 1/4 Sec Cor
70.00 Drain Course South
79.96 Intersect N & S line 15 lks N of Cor to Secs 8, 9, 16 & 17, thence I run N 89° 54' West on a true line bet secs 8 & 17 with same Va
39.98 Set Sandstone 18 + 12 + 10 ins 10 ins in the ground for 1/4 Sec Cor Marked 1/4 on N face, dug pits 18 + 18 + 12 ins S & W of Cor 5 1/2 ft dist, and raised mound of Earth 1 1/2 ft high 3 1/2 ft base alongside
79.96 The Cor to Secs 7, 8, 17 & 18
Surface rolling
Soil Sandy 3rd rate

June 21st 1883

R 56 W. Continued

West on a random line bet Secs 7 & 18
Va 15° 40' E

40.00 Set temporary 1/4 Sec Cor
71.30 Intersect 1st Guide Meridian 56 lks N of Cor to Secs 7, 12, 13 & 18
Mound of Earth & broken limestone 2 1/2 ft high with pits 24 + 24 + 12 from which Cor I run
N 89° 33' East on a true line bet Secs 7 & 18 with same Va
37.30 Set Sandstone, 17 + 13 + 12 ins, 8 ins in the ground for 1/4 Sec Cor Marked 1/4 on N face, dug pits 18 + 18 + 12 ins E & W of Cor 5 1/2 ft dist, and raised Mound of Earth 1 1/2 ft high 3 1/2 ft base alongside
71.30 The Cor to Secs 7, 8, 17 & 18
Surface gently rolling
Soil Sandy 3rd rate

Subdivision T 31 N

North bet Secs 7 & 8
Va 15° 40' E

40.00 Set Sandstone 17 x 15 x 14 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
Cor 5 1/2 ft dist and raised a
mound of Earth 1 1/2 ft high 3 1/2
ft base alongside

80.00 Set Sandstone 15 x 15 x 10
ins 7 ins in the ground for
Cor to Secs 5. 6. 7 & 8 Marked
5 Notches on S & E faces
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 alongside
Surface rolling ~~3rd~~
Soil dark brown 2nd rate

R 56 W Continued

East on a random line bet Secs 5 & 8
Va 15° 40' E

39.25 R. R. Survey N 79° 30' W Stake
No 10446

40.00 Set temporary 1/4 sec Cor

79.90 determined N & S line 18 chs N
of Cor to Secs 4. 5. 8 & 9, thence I run
N 89° 52' West on a true line
bet Secs 5 & 8 with same Va

39.95 Set Sandstone 14 x 12 x 11 ins
7 ins in the ground for 1/4 sec
cor marked 1/4 on N face
dug pits 18 x 18 x 12 ins E & W of
Cor 5 1/2 ft dist, and raised a
mound of earth 1 1/2 ft high 3 1/2 ft
base alongside

79.90 The Cor to Secs 5. 6. 7 & 8
Surface rolling
Soil 2nd rate

Subdivision Tp. 31 N

West on a random line bet secs 6 & 7
Va 15° 40' E

40.00 Set temporary 1/4 sec cor
72.20 intersected the Guide Meridian 70 lks N of cor to secs 1. 6. 7 & 12, a pine post 3 ft + 2 + 2½ ins, in mound of earth 3½ ft high, with pits 24 + 24 by 12 ins, thence I run
N. 89° 27' East on a true line bet secs 6 & 7 with same Va
32.26 Set a sandstone 15 + 13 + 8 ins 10 ins in the ground for 1/4 sec cor marked 1/4 on N face, dug pits 18 + 18 + 12 ins E & W of stone 5½ ft dist, and raised a mound of earth 1½ ft high 3½ ft base alongside
72.26 The cor to secs 5. 6. 7 & 8
Surface rolling
Soil sandy loam 2nd rate

Range 56 W. continued

North on a random line bet secs 5 & 6
Va 15° 40' E

over rolling prairie
40.00 Set temporary 1/4 sec cor
79.62 Intersected N. boundary of Township 40 lks W. of cor to secs 5. 6. 31 & 32. Thence I run
S. 17' W on a true line bet secs 5 & 6 with same var.
39.62 Set a sandstone 14 + 12 + 4½ 9 ins in the ground for 1/4 sec cor marked 1/4 on W face, dug pits 18 + 18 + 12 ins N & S of stone 5½ ft dist and raised a mound of earth 1½ ft high, and 3½ ft base alongside
79.62 The cor to secs 5. 6. 7 & 8

Land Valley
Soil sandy 3rd rate

June 22nd 1883

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T. 31. N. R. 56. W.

General Description

This Township is composed of High Rolling Prairies There is neither water nor timber in this Town the grasses over this Town is very fine, making it a fine Grazing Township the soil ranges from 2nd to 3rd rate There is no settlements in this Township. The stockmen in the vicinity use its lands for grazing and Hay cutting purposes.

U.S. Surveyor General's Office
Plattsmouth Nebraska
February 18. 1884.

The foregoing field notes of the Survey of the Subdivisional lines of Tp. 31 N. Range 56 W. of 6th P M in Nebraska Executed by George W Fairfield U.S. Deputy Surveyor under his contract No 13 dated September 14th 1882, during the month of June 1883. Having been critically examined the necessary corrections and explanations made the said field notes and the Survey they describe are hereby approved

D W Stephenson
U.S. Surveyor General

Town No. 32 N Range No. 54 W

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Field Notes
of the
Survey of the Subdivision Lines
of
Township No. 33 N of Base Line

Range No. 54 W of 6th P.M.
in the
State of Nebraska

As Surveyed
by
George W. Fairfield
U.S. Deputy Surveyor

under his contract
No. " " 13
Dated Sept. 14. 1882.

Survey
commenced July 10th 1883

Completed July 17th 1883

Sub divisions of T 32 N

On the night of July 8th 1883 I took an observation on the Star Polaris in accordance with instructions contained in the manual of surveys and drove pickets on the line thus established

Surveyed Commenced July 10th 1883 With a Burts Solar Compass

Before commencing this survey I test my Compass on the line established last night and find it correct

As the Exterior Boundaries of this Township was run by me therefore the East and South boundary lines of sec 36 was not retraced

I begin at the cor

R 56 W continued

Chos	
	to secs 1, 2 35 and 36 on S. boundary of Township and run North bet secs 35 and 36 Va 15° 35' E
15.00	decend N. Slope of Mountain bs N W S E
32.00 near	head of canyon 50 ft deep decends N E and ascend to
40.00	set a sand stone 15×10×7 ins 8 ins in the ground for ¼ sec cor marked ¼ on W face dug pits 18×18×12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side Thence ascend over broken land to
53.00	thence decend to
67.00	canyon 40 ft deep decends N E these canyon being the heads of Sawbelly creek and ascend to
80.00	a point 200 ft below Lost sec cor and set a sand stone 17×10×7 ins 9 ins in the ground for cor to secs 25. 26. 35 and 36

Subdivisions of T 32 N

Chos	
	marked with 1 Notch on S and E edges dug pits 18x18 x12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side
	Land broken and mountainous
	Soil Sandy 3rd rate
	No timber
	65 chos ~~of this line runs over~~ mountainous ~~land~~
	E ost on a random line bet secs 25 and 36
	V a 15°35' E
	decend S slope of spur to
10.00	Canyon 60 ft deep decends N E and enter timber and ascend to
21.00	top of spur 70 ft high brs N E and decend to
28.00	Canyon 80 ft deep stony banks decends N E and ascend
35.00	top of spur 80 ft high brs N

R 56 W Continued

Chos	
	and decend to Canyon 100 ft deep decends N W Sharp stone banks and ascend to
40.00	set temporary 1/4 sec cor
49.00	top of spur 150 ft high brs N W and decend to
60.00	Canyon 2 chos wide 100 ft deep banks mostly perpendicular decends N W and ascend
70.00	Leave timber
80.24	Intersect ~~N and S line~~ E boundary of TP 16 lks S of corto secs 25, 30, 31 and 36
	Thence I run
	S 89°53' W on a true line bet secs 25 and 36 with same V a
40.12	set a sand stone 13x10x7 ins 6 ins in the ground for 1/4 sec cor marked ¼ on N face and raised a mound of rock around stone from which a pine ~~tree~~ 6 ins ~~in~~ diam brs N 7 lks dist marked ¼ S B T a pine ~~tree~~ 5 ins ~~in~~ diam brs S 1° W 15 lks dist marked ¼ S

Subdivisions of T 32 N

Chas	
	BT
80.24	The cor to secs 25, 26, 35 and 36
	The land along this line
	is high stony and broken
	and worth less only for timber
	Timber Pine 60 chas
	~~Whole line runs over Mountainous Land~~
	80.24 Chs Mountainous
	North bet secs 25 and ~~36~~ 26
	Va 15° 35' E
	ascending to vee broken spurs
10.00	Drain bs East 30 ft deep
	thence ascend
16.20	a well traveled wood road
	bs N E S W
	thence over broken land
40.00	Set a sand stone 16 x 8 x 5 ins
	8 ins in the ground for ¼ sec cor
	marked ¼ on W face dug pits
	18 x 18 x 12 ins N and S of stone
	5½ ft dist and raised a mound
	of earth 1½ ft high 3½ ft base
	along side

R 56 W, Continued

Chas	
	East of this cor 35 chas is
	a large and extensive wood
	yard owned or claimed by
	ranchmen in Neb and
	wyoming who have wood
	choppers camps in the valley
	of saw belly creek and
	several hundred loads of
	wood logs and fencing are
	piled along the road they
	have graded out towards
	the top of the mountain
	There are high rolling and
	Mountainous land
71.00	Canyon 35 ft deep decends
	S E
80.00	Set a sand stone 18 x 16 x 3 ins
	9 ins in the ground for cor
	to secs 23, 24, 25 and 26
	marked with 2 notch on
	S and 1 notch on E edges
	and raised a mound of rock
	2 ft high 4½ ft base around
	stone from which a

Subdivisions of T 32 N

Chas	
	pine 6 ins diam brs S 19 1/4° E. 218 lks dist marked T. 32. N. R 56. W. S. 25. no other trees large enough to mark
	Land high. rolling and stony and worthless No timber
	~~whole line runs over~~ 80.00 chs Mountainous ~~Land~~ ~~and worth less~~
	East on a random line bet. Secs 24 and 25 Va 15°35' E ascending over stony breaks through a young growth of Pines 10 ft high
26.00	near head of Canyon 50 ft deep descends N. E. and ascend to
36.00	top of Shap spur 100 ft above last sec. cor. bns S E and decend abruptly
40.00	Set temporary 1/4 sec cor on steep side of mountain spur

R 56 W continued

Chas	
43.00	Enter creek Valley brs N W S E
43.52	Wood road brs N W S E
44.00	Saw belly cr 8 lks wide 6 ins deep flows N.
45.60	leave creek Valley brs N x S at foot of Spur 250 ft high brs N W
59.00	Drain brs N. W.
70.00	top of spur and decend
80.58	Intersect East boundary of Township 36 lks N of Cor to secs 19. 24. 25 and 30
	Thence I run N 89°45' W on a true line bet secs 24 and 25 with same v.a.
40.29	Set a Sand stone 19x10x7 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 along side
	From which a pine tree 14 ins

Subdivisions of T 32 N — R 56 W. Continued

Chas	
	in diameter brs N 44°30' E 10 lks dist marked ¼ S B T a pine 14 ins in diam brs S 64°15' W 22 lks dist marked ¼ S B T
80.58	The cor to sec 23.24.25 and 26 Land broken and worthless except creek valley Some beautiful pines all along this line and the best of saw timber the young pines are fast being cut for fence and building purposes 80.58 Chas of good timber ~~whole line runs over mountainous land~~ 80.58 Chs mountainous
	North bet Secs 23 and 24 Va 15°35' E
	ascend S. slope of Spur to
15.45	wood road brs N E & S W
22.00	top of spur 120 ft above last sec cor brs East and decend to

Chas	
32.00	canyon 50 ft deep decends East and ascend over bone & worthless land
40.00	Set a Sand Stone 16×9×5 ins 8 ins in the ground for ¼ sec cor marked ¼ on W face dug pits 18×18×12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side and ascend to
49.00	top of Stur 200 ft high brs East and decend to
63.00	canyon 100 ft deep decends East water rises 20 chas E in canyon thence ascend to
80.00	Set a Sand Stone 17×9×6 ins 8 ins in the ground for cor to secs 13. 14. 23 and 24 marked with 3 notches on S and 1 notch on E edges dug pits 18×18×12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side

Subdivisions of T32N R56W. continued

chas	
	Land high Stoney and broken a branch of Sow belly cr rises about 25 chas SE of this cor and flows out into valley of Sow belly cr along this branch and also the main creek and mountain spurs are covered with good pine timber 80.00 chs mountainous ~~Whole Line Runs over mountainous Land~~
	East on a random line bet secs 13 and 24 Va 15°35' E
	decending over broken and stoney spurs and peaks
10.00	enter timber
18.00	Cangon 100 ft deep decends S thence over stoney barren and worthless spurs and peaks
40.00	Set temporary 1/4 sec cor
55.00	Cangon 150 ft deep decends SE and ascend
65.00	Sharp and perpendicular spur of mountain 250 ft high

chas	
	brs SE and decend
75.00	leave timber
80.72	Intersect East boundary of Township 44 lks S of cor to secs 13.18.19 and 24
	Thence I run S 89°41' W on a true line bet secs 13 and 24 with same Va
40.36	Set a sand stone 16x9x4 ins 8 ins in the ground for 1/4 sec cor marked 1/4 on N face. From which a pine 6 ins in diam brs N 32° E 17 lks dist marked 1/4 S BT a pine 5 ins ~~in~~ diam brs S 19°30' W 10 lks dist marked 1/4 S BT
80.72	The cor to secs 13.14.23 and 24
	This is the roughest line I have ever run however there is some good saw timber alon spurs and in cangons 65 chas of timber ~~whole line runs over~~ 80.72 chs mountainous ~~land~~
	July 10th 1883

Subdivisions of T32 N

Chas

North bet Secs 13 and 14
Va 15° 35' E

ascend to

10.00 and decend to
16.00 enter pine timber
26.00 Cangen 60 ft deep decend S E
and ascend over broken land

40.00 Set a Sand Stone 14 x 9 x 6 ins
7 ins in the ground for 1/4 Sec
cor marked 1/4 on W face
From which a pine ~~too~~
8 ins ~~in~~ diam bs N 10° E 21.
lks dist - Marked 1/4 S B T
a pine ~~too~~ 4 ins ~~in~~ diam bs
S 24° E 11 lks dist - Marked 1/4 S.B.T
Timber over broken land
decending N

79.88 top of perpendicular stone Cliff
10 ft high bs N E S W

80.00 pt for a falls on steep side of
mountain and set a Sand Stone
24 x 12 x 4 ins 10 ins in the ground
for cor to secs 11. 12. 13 and 14
Marked with 4 notches on S
and 1 notch on E edge
and raised a mound of rock 1½

R 56 W. Continued

Chas

2 ft high 4½ ft base around stone
From which a pine ~~too~~ 7 ins
~~in~~ diam bs N 43° 45' E 40 lks
dist - Marked S 12. T 32 N.
R 56 W B.T. a pine ~~too~~ 4 ins
~~in~~ diam bs S 10° E 13 lks
dist - marked S 13 B.T.
a pine 4 ins diam bs N
0. 30' W 15 lks dist - Marked S 11.
B.T. cant get to trees S W
this cor is about 400 ft
above water in creek N of
cor. Land high and broken
Soil Stony and sandy 4th rate
64 chas of pine timber
~~Whole line runs over mounta~~
~~inous land~~
80.00 Chs Mountainous

East on a random line
bet Secs 12 and 13
Va 15° 35' E

0.30 foot of perpendicular cliff
15 ft high bs N.E. S.W.

Subdivisions of T. 32 N

Chas	
	thence over N slope of Spurs through heavy pine timber
40.00	Set temporary 1/4 sec cor and decend N.E. Slope of mountain spurs
80.42	Intersect East boundary of Township 37 lks S of cor to secs 7.12.13 and 18
	Thence I run S 89°.44 W on a true line bet secs 12 and 13 with same V.a.
40.21	Set a sand stone 16x6x6 ins 8 ins in the ground for 1/4 sec cor marked 1/4 on N. face
	From which a pine 6 ins diam brs N 11°10' E 14 lks dist marked 1/4 S. B.T. a pine 5 ins diam brs N 18° W 22 lks dist marked 1/4 S B.T.
80.42	The cor to secs 11.12.13 and 14 Land high and broken mountainous Spurs and peaks
	Sail 4" rate
	80.42 chas of Timber ~~while line runs over mountainous land~~ 80.42 chs mountainous

R 56 W. Continued

Chas	
	Nath bet secs 11 and 12 Va 15°35' E
	decend steep side of mountain
6.60	Spring branch at foot of Spur 5 lks wide 3 ins deep flows rapid course N.E.
9.30	Spring branch 4 lks wide water 3 ins deep flows N E along foot of mountain spur
	thence ascend S slope of Spur
26.00	top of ridge 250 ft high brs S E and decend N slope
34.00	head of canyon 30 ft deep decends S E and ascend
40.00	Set sand stone 30x12x6 ins 18 ins in the ground for 1/4 sec cor marked 1/4 on W side and raised a mound of rock 2 ft high 5 ft base around stone
	From which a pine 12 ins diam brs S 70° E 45 lks dist marked 1/4 S BT a pine 18 ins diam brs S 62½ W 54 lks dist marked 1/4 S BT cor stands on S slope of steep side of mountain 300 ft above water in creek

Subdivisions of T32 N

Chas	
42.00	Top of steep rocky spur 450 ft high bs East and decend
56.00	Church Rock 8 chs West of line and is about 900 ft above water in creek on this line
60.00	foot of spur and ascend to
67.00	top of ridge 100 ft high bs E
76.00	leave timber at foot of mountains bs S x W
	Thence rolling land
80.00	set a sand stone 18x10x7 ins 10 ins in the ground faces to secs 1.2.11 and 12 marked with 5 notches on S and 1 notch on east edges dug pits 18x18x12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side
	Land high broken stony and sandy soil 4th rate
	Timber pine 76 chs
	76 chs ~~of this line was over~~ mountainous ~~Land~~

R. 56 W. Continued

Chas	
	East on a random line bet secs 1 and 12 Va 15° 35' E
	over rolling land
40.00	set temporary ¼ sec cor
70.00	Drains bs N E
80.46	Intersect E boundary of Township 38 l/s S of cor to secs 1.6.7 and 12
	Thence I run
	S 89° 44' W on a true line bet secs 1 and 12 with same v.a.
40.23	set a sand stone 16x14x3 ins 8 ins in the ground for ¼ sec cor marked ¼ on N side dug pits 18x18x12 ins E and W of stone 5½ ft. and raised a mound of earth 1½ ft high 3½ base along side
80.46	The cor to secs 1.2.11 and 12
	Land high and rolling
	Soil 3rd rate
	No timber

Sub divisions of T 32 N

R. 56. W Continued

Chas	North on a true line bet secs 1 and 2 Va 15° 35' E over rolling land	cc on S faace and raised a mound of Rock 2 ft high 4½ ft base around Stone pits impracticle
40.00	Set a Sand stone 16x9x7 ins 8 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 along side	Land 1st ½ mile rolling and Sandy Soil 2nd rate ballance Broken and worthless wastrants
56.00	Spring branch in gulch 50 ft deep bns East thence over burn breaks	July 11th 1883
81.14	Intersect the 8th Standard Parallel N 17.10 Chas E of Standard cor to secs 31 and 36 T 33 N Rgs 55 and 56 W at which point set a Sand Stone 18x7x7 ins 8 ins in the ground for closing cor to secs 1 and 2 marked with 5 notches on the W and 1 notch on E edges and	

Subdivisions of T 32 N

Chas	
	From the cor to secs 2.3.34 and 35 on the S boundary of the Township Iron North bet Secs 34 + 35 ~~and~~ &c
	Va 15° 35' E
40.00	set a Sand stone 16×10×6 ins 8 ins in the ground for 1/4 sec cor marked 1/4 on W side dug pits 18×18×12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
44.00	leave rolling Land and ascend to
72.00	top of broken ridges 100 ft above 1/4 sec cor and decend over broken + worthless spurs to
80.00	a point 150 ft below top of ridge and set a Sand stone 20×10×4 ins 10 ins in the ground for cor to secs 26.27.34 and 35 marked with 1 notch on S and 2 notches on E edges dug pits 18×18×12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high

R 56 W Continued

Chas	
	4½ ft base along side
	From which a circular Sand stone butte 20 ft high bs S 24° W 4 chas
	Land high and broken soil on pt 44 chas 2.00 rate ballance, Stony 4 rate
	No timber
	36 chas ~~of this line runs over~~ mountainous ~~Land~~
	East on a ~~random~~ line bet secs 26 and 35
	Va. 15° 35' E
	over rolling and broken land decending N.E.
40.00	Set temporary 1/4 sec cor
49.00	wood road bs N W + S W
60.44	Saw belly wood road bs N E S W, and decend
80.36	Intersect N and S line 42 lks S of cor to secs 25.26. 35 and 36

Subdivisions of T 32 N

Chas	
	Thence I run S 89°42' W on a true line bet secs 26 and 35 with same v.a
40.18	Set a sand stone 16x9x7 ins 8 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 along side
80.36	The cor to secs 26.27.34 and 35 Land high rolling stony and sandy soil 3rd and 4th rate No timber Whole line runs over mountainous Land 80.36 Chs mountainous

R 56 W, Continued

Chas	
	North bet secs 26 and 27 v a 15°35' E ascending over high rolling Land with scattering dead pines on barren ridges
40.00	a point 150 ft above sec cor and set a sand stone 15x10x7 ins 8 ins in the ground for 1/4 sec cor marked 1/4 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 along side Thence ascend along East side of stone ridge to
80.00	a point 200 ft above last sec cor and set a sand stone 17x9x6 ins 8 ins in the ground for cor to secs 22.23.26 and 27 marked with 2 notches on sand E edges dug pits 18x18x12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side Land high mountain ridges

Subdivisions of T 32 N

Chas	
	long N & E and covered with dead pines Soil 4th rate No green timber whole line runs over Mountainous Land 80.00 Chs Mountainous
	East on a random line bet secs 23 and 26 Va 15° 35' E
	descending over high and rolly Mountain land
40.00	a point 150 ft below sec cor and set temporary 1/4 sec cors thence descending East slope
64.62	wood road bs N E & W
79.84	Intersect N and S line 26 lks N of cor to secs 23.24.25 and 26 Thence S 2 mm
	N 89.49' W on a true line bet secs 23 and 26 with Sam Va.
39.92	Set a sand stone 18x18x12 ins 9 ins in the ground for a 1/4 sec cor marked 1/4 on

R 86 W, Continued

Chas	
	N face dug pits 18x18x12 ins E and West of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
79.84	The cor to secs 22.23.26 and 27 Land high rolly and Mountainous Soil 4th rate No Timber except dead and fallen pines whole line runs over Mountainous Land 79.84 Chs Mountainous
	North bet secs 22 & 23 Va 15° 35' E
	ascending stony ridge 120 ft high bs N E & W
40.00	Set a sand stone 14x16x7 ins 7 ins in the ground for a 1/4 sec cor. marked 1/4 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 along side
	thence ascend to

Subdivisions of T. 32. N

chas	
47.00	top of stone ridge 150 ft above last sec cor bs N.E and decend N Slope to
80.00	a point 100 ft below top of Mountain ridge and set a Sand Stone 16×10×7 ins 8 ins in the ground for cor to secs 14. 15. 22 and 23 Marked with 3 notches on S and 2 notches on E. edges dug pits 18×18×12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side Land high rolling Stony and Sandy Soil 4th rate No timber except dead and falling pines whole line runs over mountainous Land 80.00 Chs Mountainous

R. 56. W Continued

chas	
	East on a random line bet secs 14 and 23 Va 15° 35' E ascending ridge to
22.00	top of stone ridge 100 ft high bs N E and decend to
40.00	set temporary ¼ sec cor
61.00	leave stone ridge and decend
80.22	Intersect N and S line 38 lks N of cor to secs 13. 14. 23 and 24 Thence I run N 89° 44' W on a true line bet secs 14 and 23 with same Va
40.11	Set a Sand stone 17×10×4 ins 8 ins in the ground for ¼ sec cor marked ¼ on N face dug pits 18×18×12 ins E and W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
80.22	The cor to secs 14. 15. 22 and 23 Land high rolling and stony Soil 4th rate No timber ~~whole line runs over Mountainous Land~~ 80.22 Chs

Subdivisions of T. 32, N

chas	North bet secs 14 and 15 V a 15°35' E
	decend to
25.00	canyon 40 ft dep decends NE with pine timber and ascend to
40.00	a point 150 ft above sec cor and set a sand stone 16×9×5 ins 8 ins in the ground for ¼ sec cor marked ¼ on W face dug pits 18×18×12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side No trees large enough to mark and decend to
49.00	canyon 30 ft deep decends NE and ascend to
80.00	a point 150 ft above last sec cor and set a sand stone 24×12×4 ins 14 ins in the ground for cor to secs 10. 11. 14 and 15 marked with 4 notches on S and 2 notches on E. edges

R. 56 W. Continued

chas	dug pits 18×18×12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side from which a pine 4 ins diam brs N 34° E 8 lks dist marked T 32 N S 11 B T a pine 3 ins dia brs S 24½° E 13 lks dist marked S. 14. B. T. a pine 6 ins diam brs S 8° W 21 lks dist marked R 56 W S 15. B T a pine 3 ins diam brs N 31°45' W 12 lks dist marked S. 19 B T.
	Land high broken and stony Soil sandy 4th rate
	55. chs of timber
	~~Whole line runs over mountain ans Land~~
	80.00 chs mountainous
	East on a random line bet secs 11 and 14 V a 15°35' E
	decend over broken ridges and spurs through pine timber

Subdivisions of T 32 N — R 56 W continued

Chas	
35.00	Canyon 40 ft deep decends N and ascend
40.00	Set temporary 1/4 sec cor
65.00	top of ridge 100 ft high bns N and decend
75.00	Spring branch in Canyon 150 ft deep bns N soon turns N E water 3 lks wide 4 ins deep and ascend
80.54	Intersect N and S line. 38 lks S of cor to secs 11.12 13 and 14
	Thence I run S 89°44' W on a true line. Set. secs 11 and 14 with same V.a
40.27	Set a sand stone 22 x 14 x 3 ins 11 ins in the ground for 1/4 sec cor marked 1/4 on N face. from which a pine 4 ins dia in bears N 40°30' W. 119 lks dist marked 1/4 S B T. a pine 4 ins diam bns S 84°50' E 90 lks dist marked 1/4 S B T
80.54	The cor to secs 10. 11. 14 and 15 Land high rolling and

Chas	
	mountainous soil 3rd rate Timber pine 80.54 chas Some very good saw timber in canyons ~~Whole line runs over Mountainous Land~~ 80.54 chs mountainous
	July 12th 1883
	North bet secs 10 and 11 Va 15°35' E over high and broken Land ascending to
40.00	a point 200 ft above sec cor and set a sand stone 16 x 10 x 4 ins 8 ins in the ground for 1/4 sec cor marked 1/4 on W face from which a pine 6 ins diam bns N 21 W 36 lks dist marked 1/4 S B T a pine 10 ins diam bns S 34° W 29 lks dist marked 1/4 S B T and decend steep mountain side to
59.00	head of spring branch 400 feet below 1/4 sec cor

Subdivisions of T. 32 N

chas	
	and ascend spur of Mountain
72.00	top of spur 200 ft high
	brs N W and decend to
80.00	a point 150 ft above water
	in creek west of cor point
	and set a sand stone 17x12x4
	ins 8 ins in the ground for cor
	to secs 2. 3. 10 and 11 Marked
	with 5 notches on S and 2
	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
	along side
	From which a pine 5 ins
	diam brs N 42° E 314 lks dist
	marked S 2. R 56 W B.T.
	a pine 6 ins diam brs S 23½° E
	106 lks dist marked S 11, T 32 N
	B T a pine 5 ins diam brs
	S 21° W 31 lks dist marked S 10,
	B.T. a pine 3 ins diam brs
	N 56½° W 17 lks dist marked
	S 3. B.T.
	Land Broken and worthless

R 56 W. continued

chas	
	except for timber there is
	some excellent saw timber along
	this line
	Timber Pine 80 chas
	~~whole line runs over mount~~
	~~ainous Land~~
	80.00 Chs Mountainous
	East on a random line
	bet secs 2 and 11
	Va 15° 35' E
	ascend W slope of spur to
12.00	top of spur brs N W
	and decend to
40.00	set temporary 1/4 sec cor
	thence along N slope of
	mountain
50.00	Spring branch 60 ft deep
	brs N E water 3 lks wide 4 ins
	deep flows rapid
60.00	leave mountains land and timber
	enter rolling and broken
	prairie
80.44	Intersect N and S line 24
	lks N of cor to secs 1. 2. 11 and 12

Subdivisions of T. 32 N

Chos	
	Thence I run N 89°50' W on a true line bet secs 2 and 11 with same V.A.
40.22	Set a sand stone 18×10×7 ins 9 ins in the ground for ¼ sec cor marked ¼ on N face dug pits 18×18×12 ins E and W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side from which a pine tree 4 ins diam bro S 10 lks dist marked ¼ S BT a pine 3 ins diam bro N 25° W 16 lks dist marked ¼ S BT
80.44	The cor to secs 2.3.10 and 11 Land high broken and stony Soil 4th rate Timber pine 60 chos 60 chos ~~of this line runs over~~ mound ainsure ~~Land~~

R 56 W, continued

	North on a true line bet secs 2 and 3 V.A. 15°35' E over rolling mountainous Land
10.00	leave timber E×W
40.00	Set a sand stone 16×9×6 in 8 ins in the ground for ¼ sec. cor marked ¼ on W face dug pits 18×18×12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side this point is 150 feet below last sec cor and decend
42.00	enter broken and barren canyon leaving N E
64.00	Dry fork of bad land cr bs NW
74.00	Dry fork of bad land cr bs NW Steep banks 50 ft deep
82.41	Intersect 8th standard parallel N. at a point 17.22 chos E out of standard cr to secs 35 and 36 T 33 N R 56 W at which point I set a sand stone 20×14×5 ins 10 ins in the ground for a closing cor to secs 2 and 3 marked C C

Chas

on S face with 4 notches on W and 2 notches on E edges dug pits 18×18×12 ins E. S and W of Stone 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side
Land 1st ½ mile high rolling and mountainous soil 3rd rate ballance Barren broken and worthless
Timber pine 10 chas
~~whole line runs over~~
82.41 Chas
Mountainous ~~Land~~

I carfully examined the adjustment of my Solar compass today particularly the Latitude and reversing apparatus and found them correct

R 56 W. Continued

Chas

From the cor to secs 3. 4. 33 and 34 on South boundary of Township I run
North bet secs 33 and 34
Va 15° 35' E
over rolling and rising land
40.00 set a Sand Stone 17×10×4 ins 8 ins in the ground for ¼ sec cor marked ¼ on W face dug pits 18×18×12 ins N and S of Stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
80.00 set a Sand stone 18×7×6 ins 10 ins in the ground for cor to secs 27. 28. 33 and 34 marked with 1 notch on Sand 3 notches on E edges dug pits 18×18×12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side
Land high rolling and sandy soil 3rd rate
~~No timber~~

Subdivisions of T 32 N

chas	
	East on a random line bet secs 27 and 34 V a 15°35' E over rising land to
28.00	and ascend mountain ridge to
40.00	a point 150 ft above sec cor and set temporary 1/4 sec cor
45.00	decend ridge bis N
61.00	leave ridge and decend
80.18	Intersect N and S line 14 lks S of cor to secs 26. 27. 34 and 35 Thence I run S 89° 54' W on a true line bet secs 27 and 34 with same V.a
40.09	set a sand stone 14×9×5 ins 7 ins in the ground for 1/4 sec cor marked 1/4 on N face dug pits 18×18×12 ins S and W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
80.18	The cor to secs 27. 28. 33 and 34 Land 1st 28 chas rolling and sandy soil 3rd rate ballance high rolling and stony soil 4th rate No timber except some dead pines along ridge. 52.18 chas ~~[illegible]~~ mountainous ~~land~~

R 56 W continued

chas	
	North bet secs 27 and 28 V.a. 15°35' E over rising land
36.00	foot of mountain ridge and ascend
40.00	Set a sand stone 16×9×7 ins 9 ins in the ground for 1/4 sec cor marked 1/4 on W side dug pits 18×18×12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ base along side thence along W slope of ridge to
80.00	a point 150 ft above last sec cor and set a sand stone 18×10×7 ins 10 ins in the ground for cor to secs 21. 22. 27 and 28 marked with 2 notches on S and 3 notches on E edges dug pits 18×18×12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side Land 1st 36 chas soil sandy 2nd rate ballance stony 4th rate ~~No timber~~ 44 chas ~~of this line runs over~~ mountainous ~~land~~

Subdivisions of T 32 N.

chas	
	East on a random line bet secs 22 and 27 Va 15° 35' E
	ascend W slope of ridge
40.00	Set temporary 114 sec cor
53.00	top of stone ridge 150 ft above sec cor and decend
79.76	Intersect N and S line 34 lbs N of cor to secs 22. 23. 26 and 27 Thence I run N 89° 45' W on a true line bet secs 22 and 27 with same V.a.
39.88	Set Sand stone 14×10×8 ins 7 ins in the ground for ¼ sec cor marked ¼ on N face dug pits 18×18×12 ins E and W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
79.76	The cor to secs 21. 22. 27 and 28 Land high broken and stoney soil 4th rate. No timber except dead and fallen pines ~~whole line runs over~~ 79.76 Chs mountain ous ~~ous Land~~

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R 56 W Continued

chas	
	North bet secs 21 and 22 Va 15° 35' E
	ascend along mountain ridge
40.00	Set a Sand stone 16×10×7 ins 7 ins in the ground for ¼ sec cor marked ¼ on W face dug pits 18×18×12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side and decend to
51.00	leave ridge bs E and W and ascend over broken and worthless spurr or ridges to
80.00	a point 150 ft below last sec cor and set a Sand stone 17×8×6 ins 6 ins in the ground for cor to secs 15. 16. 21 and 22 marked with 3 notches on S and E edges dug pits 18×18×12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side Land high rolling and broken mountainous land Soil 4th rate No timber ~~whole line runs over~~ 80.00 Chs. mountain ous ~~Land~~

Subdivisions of T. 32. N

chas	
	East on a random line bet secs 15 and 22 V.a. 15°35' E
	ascending over rolling and broken land
40.00	set temporary 1/4 sec cor and decend to
61.00	Canyon 30 ft deep decends N.E. and ascend
65.00	foot of stone ridge bs N.E.
80.12	Intersect N and S line at cor to secs 14.15.22 and 23 Thence I run
	West on a true line bet secs 15 and 22 with same V.a.
40.06	Set a sand stone 16×12×4 ins 8 ins in the ground for 1/4 sec cor Marked 1/4 on N face dug pits 18×18×12 ins E and W of stone 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3 1/2 ft base along side
80.12	The cor to secs 15.16.21 and 22
	Land high and broken soil sandy 4° rate No timber 80.12 Chs ~~whale line run over~~ mountain ans ~~land~~

R 56 W Continued

chas	
	North bet secs 15 and 16 V a 15°35' E
	ascend to
15.00	top of stone ridge 100 ft high bs N E and decend
18.00	enter pine timber E and W
40.00	Set a sand stone 14×10×6 ins 7 ins in the ground for 1/4 sec cor Marked 1/4 on W side and raised a mound of rock around stone
	from which a pine 5 ins diam bs S 66° W 225 lks dist Marked 1/4 S. B.T. A pine 6 in diam bs N 40° W 102 lks dist Marked 1/4 S B.T Thence over rough and broken peaks to
72.00	top of stone ridge 100 ft high bs E and W and decend
79.50	Canyon 80 ft deep decends N W
80.00	to a pine 9 ins diam which I Marked S. 10 on N E. S. 15 on S E. S 16 on S W. S. 9 on N. W. Off for to secs. 9.10.15 & 16
	from which a pine 9 ins diam bs N 35° E 2. lks dist Marked S. 10 B T. a pine 12 ins diam

Subdivisions of T32N

chas	
	lbs S35°E 37 lks dist marked S.15. T32N BT. a pine 16 ins diam lbs S29°45' W 35 lks dist marked S16. BT a pine 10 ins diam lbs N72°W 47 lks dist marked S9. R56W BT
	Land high broken and stony Soil 4th rate
	62 chas of timber Pine
	~~whole line runs over Mountainous land~~
	80.00 chs mountainous
	East on a random line bet secs 10 and 15
	Va. 15°35' E
	as cmd over high and broken land through pine timber
40.00	a point 150 ft above sec. cor and set temporary 1/4 sec. cor
45.00	a bare Soft sand stone rock 20 ft high & ch at base 40 lks N of line and as cmd to
50.00	top of ridge 50 ft above point

R 56 W Continued

chas	
	for temp 1/4 cor and decmd to
63.00	head of can zone and mainhead of bad land creek decmds N and as cmd
80.28	Intersect N and S line 32 lks N of cor to secs 10.11.14 and 15.
	Thence I run
	N89°46' W on a true line bet secs 10 and 15 with same V.a.
40.14	Set a sand stone 16×11×6 ins 8 ins in the ground for 1/4 sec cor marked 1/4 on N face deg pits 18×18×12 ins 2 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 along side from which a pine 5 ins diam lbs N12 lks dist marked 1/4 S BT a pine 4 ins diam lbs S29 1/2 E 13 lks dist marked 1/4 S B.T.
80.28	The cor to secs 9.10.15 and 16
	Land high rolling and sandy Soil 3rd and 4th rates
	Timber pine 80.28 chas
	80.28 chs mountainous
	~~whole line runs over Mountainous Land~~

Subdivisions of T32N

chas	North bet secs 9 and 10 V.a. 15°35' E
	ascend over broken ridges through pine timber
20.00	top of ridge 100 ft high bs E x W and decend
40.00	Set a sand stone 20x14x10 ins 10 ins in the ground for 1/4 sec cor marked 1/4 on W face and raised a mound of rock around stone from which a pine 10 ins dia bs N 70° E 20 lks dist marked 1/4 S.B.T. a pine 7 ins diam bs S 60° W 14 lks dist marked 1/4 S B.T and decend ~~to~~ 200 ft to
44.00	Spring branch in canyon water 3 lks wide bs N 10° W
50.00	ascend to
54.00	a point 200 ft above water in creek thence over broken spur of mountain
68.00	leave timber
80.00	Set a sand 18x8x5 ins 10 ins in the ground for cor to secs 3.4.9 and 10 marked with

R 56 W Continued

chas	5 Notches on S and 3 on E edges deep pits 18x18x12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side Land high rolling broken and stony soil 4th rate
	Timber pine 68 chas
	~~whole line runs over mountainous land~~
	80.00 Chs Mountainous
	East on a random line bet secs 3 and 10 V.a. 15°35' E
	Over high and broken mountain in side
20.00	enter timber and decend to
35.00	a spring branch 2 lks wide bs N and as cond
40.00	Set temporary 1/4 sec cor thence over spur of mountain 50 ft high
42.50	Spring branch 2 lks wide 3 ins deep bs N W
44.00	leave creek bed and ascend to
51.00	top of ridge 75 ft high and decend to

Subdivisions of T32N

chas	
57.00	Spring branch water 5 lks wide 4 ins deep bes N W and ascend over Broken Spurs
80.48	Intersect N and S line 54 lks N of cor to secs 2.3.10 and 11. Thence I run N 89°37' W on a true line bet secs 3 and 10 with same V.a.
40.24	to an ash tree 4 ins diam which I marked ¼ S. cor on N side fr 1/4 sec cor and set a sand stone 17x10x7 ins 8 ins in the ground at foot of tree on West side Marked ¼ on N face
80.48	The cor to secs 3.4.9 and 10 Land high broken and stony Soil 4th rate Sanegood pine Saw timber in N E ¼ sec 10 Timber pine 60.48 chas whole line runs over mountainous Land 80.48 Chs Mountainous

R.56.W Continued

chas	
	North on a true line bet secs 3 and 4 V.a. 15°35' E
	decending N Slope of Mountain to
40.00	Set a Sand Stone 15x9x5 ins 8 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 along side
45.00	enter timber E and W and decend
50.00	Prairie Dog cr. ~~4 ft deep~~ 6 lks wide 4 ins deep bes N E here leave Mountainous land enter broken valley bes N E
55.00	leave timber bes E x W
81.85	Intersect 8th Standard parallel N. at a point 16.70 chas East of Standard cor. to secs 34 and 35 T33N R56W at which point I set a Sand stone 18x10x6 ins 10 ins in the ground for closing cor to secs 3 and 4 Marked CC on S face with 3 notches on W and 3 notches

Subdivisions of T. 32 N

Chas	E edges dug pits 18×18×12 ins E. S. and W of Stone 5½ ft dist and raised a maund of earth 2 ft high 4½ ft base along side Land decending N and broken soil 3rd rate Timber cottonwood ash and box alder 10.00 chas 50 chas ~~of this line runs over~~ mountanaous ~~land~~

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R 56 W continued

Chas	From the cor to secs 32. and 33 on S. boundary 4.5 of the Township Iron N bet secs 32 and 33 V.a. 15°35' E over rolling and rising land
40.00	Set a Sand Stone 14×10×7 ins 7 ins in the ground for ¼ sec cor Marked ¼ on W face dug pits 18×18×12 ins N and S of Stone 5½ ft dist and raised a maund of earth 1½ ft high. 3½ ft base along side
80.00	Set a Sand Stone 19×9×9 ins 12 ins in the ground face to secs 28. 29. 32 and 33. Marked with 1 notch on S and 4 notches on E edges dug pits 18×18×12 ins in each sec. 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side Land rolling and sandy soil 2nd rate ~~No timber~~

Subdivisions of T. 32 N

chas	East on a random line bet SECs 28 and 33 Va. 15° 35' E
	over rolling land
40.00	set temporary 1/4 SEC cor
79.64	Intersect S and S line at cor to SECs 27, 28, 33 and 34
	Thence S run
	West on a true line bet SECs 28 and 33 with same Va,
39.82	set a Sand Stone 17x10x6 ins 8 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 along side
79.64	Thence to SECs 28, 29, 32 and 33
	Land rolling and sandy
	Soil 2nd rate
	No Timber

R. 5 E. W Continued

chas	North bet SECs 28 and 29 Va. 15° 35' E
	Over rolling and rising land
40.00	set a Sand Stone 14x10x8 ins 7 ins in the ground for 1/4 SEC cor marked 1/4 on N face dug pits 18x18x12 ins S and E of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
80.00	set a Sand Stone 19x10x7 ins 10 ins in the ground for cor to SECs 20, 21, 28 and 29 marked with 2 notches on S and 4 notches on E edges dug pits 18x18x12 ins in each SEC 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base along side
	Land rolling and sandy
	Soil 2nd rate
	No Timber

Subdivision of T. 32. N

Chas	
	East on a random line bet secs 21 and 28
	V a 15° 35' E
12.50	Drain 2 chos wide 10 ft deep bro S.E and ascend S slope of mountain ridge bro S.E
40.00	Set a temporary ¼ sec cor and ascend to
61.00	foot of Mountain ridge bro N and ascend
79.92	Intersect N and S line 24 lks S of cor to secs 21. 22. 27 and 28
	Thence I run
	S 89° 50' W on a true line bet secs 21 and 28 with Same V. a.
39.96	Set a Sand Stone 13×12×9 ins 6 ins in the ground for ¼ sec cor Marked ¼ on N face dug pits 18×18×12 ins E and W of Stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
79.92	The cor to secs 20. 21. 28 and 29.
	Land high rolling and mountainous Soil Sandy 2°° rate ~~No timber~~
	57.42 chas ~~of this line runs over~~ mountainous ~~Land~~
	[illegible]

R 56. W. Continued

Chas	
	North bet secs 20 and 21
	V. a. 15° 35' E
3.00	Drain 2 chos wide 20 ft deep bro S.E and ascend S. slope of Mountain
40.00	Set a Sand Stone 14×10×5 ins 7 ins in the ground for ¼ sec. cor. Marked ¼ on W face dug pits 18×18×12 ins N and S of Stone 5½ ft dist and raised a mound of Earth 1½ ft high 3½ ft base along side and ascend to
52.00	top of mountain about 300 ft above cor on S boundary of Tp. and decend N slope to
55.00	enter timber
78.00	Canyon 30 ft deep decend N E and ascend to
80.00	a point 150 ft below top of Mountain and set a Sand stone 20×10×8 ins 12 ins in the ground for cor to secs 16. 17. 20 and 21 Marked with 3 notches on S and 4 notches on E. edges and raised a mound of rock 2 ft high 5 ft base around stone
	From which a pine 7 ins diam bro N 86° E 73 lks dist marked

Subdivisions of T. 32 N — R 56 W. Continued

Chas		Chas	
	S. 16. T. 32. N. B.T. a pine 4 ins diam brs S 21° E 80 lks dist Marked S 21. B.T. a pine 6 ins diam brs S 55 15' W 24 lks dist Marked S. 20. R 56 W. B.T. a pine 7 ins diam brs N 7° 40' W 50 lks dist Marked S 17. B.T. Land high broken + stony Soil sandy 3rd rate Timber pine 25 chas ~~whole line runs over mountain~~ all land 80.00 Chs Mountainous	40.00	on side of mountain and set temporary ¼ Cor thence over broken and barren land
		65.00	leave timber N and S
		79.70	Intersect N. and S. line 15 lks N of cor to secs 15. 16. 21 and 22 Thence S run N 89° 54' W on natural line bet secs 16 and 21 with same V.A.
	East on a random line bet secs 16 and 21 V.A. 15° 35' E	39.85	set a sand stone 17 x 9 x 6 ins 9 ins in the ground for ¼ sec. cor. Marked ¼ on N. face dug pits 18 x 18 x 12 ins E and W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side From which a pine 8 in diam brs S 26° E 13 lks dist Marked ¼ S BT a dead pine 6 ins diam brs N 6° W. 14 lks dist Marked ¼ S BT
	descending to		
1.00	bed of canyon 30 ft deep descends N. and ascend over broken and worthless land	79.70	The cor to secs 16. 17. 20 and 21 Land high broken stony and worthless Timber pine 65 chas ~~whole line runs over mountain~~ all land 79.70 Chs Mountainous
15.00	top of rocky ridge 250 ft above sec cor and descend to		
26.00	bed canyon 40 ft deep descends N E and ascend		

Subdivisions of T32N

Chas	
	North bet. secs. 16 and 17 Va 15°35' E
	decend N slope of stone ridge to
5.00	bed of canyon 40 ft deep decends N W filled with good pines and ascend steep S slope to
10.00	top of rock ridge 50 ft high lrs N W and decend to
26.00	bed of canyon 60 ft deep decends N.W to Monroe creek and ascend to
40.00	a point 200 ft above sec cor and set a sand stone 20x13x6 ins 12 ins in the ground for 1/4 sec cor marked 1/4 on W face and raised a mound of stone along side From which a pine 5 ins diam lrs N 72½ E 60 lks dist marked 1/4 S B.T. a pine 6 ins diam lrs S 82¼ W 52 lks dist marked 1/4 S B.T. thence decend N slope to
44.00	bed of canyon 50 ft deep lrs W steep rocky sides and ascend to

R 56 W continued

55.00	top of spur 75 ft high lrs N W and decend to
63.00	bed of main canyon 100 ft deep decends N E and ascend to
80.00	a point 150 ft above bed of canyon and set a sand stone 19x12x8 ins 12 ins in the ground for cor to secs 8.9.16 and 17 marked with 4 notches on S and E edges dug pits 18x18x12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft bore along side from which a pine 8 ins diam N 71° E 68 lks dist marked S.9. R56 W.B.T. a pine 6 ins diam lrs S 41° E 73 lks dist marked S 16. B.T. a pine 12 ins diam S 1° W 80 lks dist marked S 17. T32N B.T. a pine 17 ins diam lrs N 24° W 154 lks dist marked S 8. B.T. Land high broken stony and mountainous soil 4th rate Timber pine 80 chas 80.00 chs ~~whole line runs over~~ mountainous Land

Subdivisions of T 32 N

Chas	
	East on a random line bet secs 9 and 16 V.a. 15°35' E
	ascending to
8.00	Top of ridge 50 ft high bs N ¾ S and decend to
12.00	bed of canyon 40 ft deep decends N and ascend to
26.00	top of rock ridge 60 ft high bs N W S E and decend to
33.00	bed of canyon 90 ft deep decends N and ascend rocky side
40.00	set temporary ¼ sec cor
44.00	Top of rock ridge 175 ft high bs N and S and decend East slope to
55.00	Spring branch in rock canyon water 1 lk wide 2 ins deep decends N this canyon is about 400 feet below spurs and peaks and ascend to
66.00	decend along N side of spur to
79.00	canyon 90 ft deep decends N.W. and ascend
80.56	Intersect N and S line 54 lks S of cor to secs 9.10.15 and 16

R 56 W. Continued

Chas	
	Thence I run S 89°37' W on a true line bet secs 9 and 16. with same V.a.
40.28	set a sand stone 22 x 14 x 5 ins 10 ins in the ground for ¼ sec. cor marked ¼ on N. face and raised a mound of rock around stone From which a pine 8 ins diam bs N 31° W 36 lks dist marked ¼ S B T a pine 12 ins diam S 70½° W 42 lks dist marked ¼ S B T
80.56	The cor to secs 8.9.16 and 17 Land high broken mountain spurs Soil 4th rate Timber pine some excelent saw timber. 80.56 Chas ~~[illegible]~~ ~~whole line runs over~~ 80.56 Chs mountain ous ~~Land~~ July 15th 1883
	North bet secs 8 and 9 V.a. 15°35' E
	over high broken mountain spurs
27.00	canyon near head 40 ft deep decends N E and ascend to

Subdivisions of T. 32. N

Chas	
40.00	a point 350 ft above water in monroe creek and set a sand stone 16×9×5 in 9 ins in the ground for ¼ sec. cor. marked ¼ on W face from which a pine 5 ins diam bears N 51° E 36 lks dist marked ¼ S BT a pine 4 ins diam bs N 31½ W 21 lks dist marked ¼ S BT and decend to
56.00	near head of can zone decends N.W. and ascend to
80.00	a point 150 ft above water in monroe creek and set a sand stone 17×10×10 ins 8 ins in the ground for certo secs 4.5.8 and 9 marked with 5 notches on S and 4 notches on E edges pits impracticable from which a pine 6 ins diam bs N 63° E 33 lks dist marked S.4 BT a pine 5 ins diam bs N 46° E 18 lks dist marked S.9. R 56 W BT. a pine 12 ins diam bs S 31° W 52 lks dist marked S 8. BT

R. 56. W Continued

Chas	
	a pine 7 ins diam bs N 21° 50' W 54 lks dist marked S. 5. T 32 N. B. T this cor stands on W side of steep side of mountain spur Land high broken spurs and ridges some very good pine saw timber
	Timber Pine 80 Chas
	~~whole line runs over mount~~ ~~amous Land~~
	80.00 Chs Mountainous
	East on a random Line bet secs 4 and 9 Va 15° 35' E
	Ascend W. slope of spur through heavy pine timber
5.00	top of Stone ridge 100 ft above sec cor bs N × S and decend E slope to
39.50	a spring branch water 5 lks wide 4 ins deep bs N.
40.00	Set temporary ¼ sec. cor. thence ascend rough west slope of mountain to

Subdivisions of T32 N

Chas	
50.00	top of spur 150 ft above water in creek and decend E slope to
60.00	bed of canyon 50 ft deep banks mostly stony and perpendicular
69.00	spring branch in bottom of canyon water 4 lks wide 4 ins deep brs. N and ascend over broken spurs and canyons
75.00	leave timber N and S
79.80	Intersect N and S line 36 lks N of cor to secs 3.4.9 and 10 Thence I run
	N 89°45' W on a true line bet secs 4 and 9 with same Va
39.90	to an Elm tree 6 ins diam which I marked ¼ S C.O.T. for ¼ sec cor from which an ash 5 ins diam brs E. 18 lks dist marked ¼ S B T
79.80	The cor to secs 4.5.8 and 9 Land broken mountain spurs 3rd rate Timber pine Elm & asp 75 chas ~~whole line runs over~~ 79.80 chs mountain aus ~~Land~~

R 56 W Continued

chas	
	North on a true line bet secs 4 and 5 Va 15°35' E
	decend along W slope of Sur to
23.00	head of canyon 50 ft deep decends NE and ascend to
40.00	Set a Sand Stone 18×10×7 ins 10 ins in the ground for ¼ sec. cor. Marked ¼ on W face dug pits 18×18×12 ins N and S of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side from which a pine 4 ins diam brs N 25° E 16 lks dist marked ¼ S B T. a pine 5 ins diam brs N 84° W 34 lks dist marked ¼ S B T Thence decend to
53.00	foot of mountain brs E and W and leave timber Thence over rolling land
81.18	Intersect 8th Standard parallel N. at a point 16.10 chas East of Standard cor to secs 33 and 34 T33 N R56 W. at which point I set a Sand Stone 20×10×7 ins 12 ins in the ground for a closing cor

Subdivisions of T 32 N

chas

To secs 4 and 5
Marked C.C on S face
with 2 notches on W and 4
notches on E edges dug pits
18×18×12 in E. S. and W of
stone 5½ ft dist and
raised a mound of earth
2 ft high 4½ ft base N of
stone
Land 1st 53 chas Mountain
ous and sandy soil 3rd
rate ballance 2nd rate
Timber pine 53 chas
~~53 chas of this Line runs over~~
~~mountainous Land~~
53.00 chs Mountainous

R 56 W Continued

chas

From the cor to sec 5. 6. 31 and 32
on the South boundary of
the Township
I run
North bet secs 31 and 32
V.a. 15°35' E
over rolling and rising Land
40.00 Set a sand stone 15×9×6 ins
8 ins in the ground for 1/4
sec. cor. Marked ¼ on W
face dug pits 18×18×12 ins
N and S of stone 5½ ft dist
and raised a mound of earth
1½ ft high 3½ ft base over stone
80.00 Set a sand stone 17×10×6
ins 9 ins in the ground for
cor. to secs. 29. 30. 31 and 32
marked with 1 notch on the
S and 5 notches on E edges
dug pits 18×18×12 ins in each
sec 5½ ft dist and raised
a mound of earth 2 ft high
4½ ft base along side
Land high and rolling soil sandy 3rd rate
~~no timber~~

Subdivisions of T32N

Chas	
	East on a random line bet secs 29 and 32 Va 15°35' E over high rolling land
25.00	Drain 150 lks wide lrs S. E.
40.00	Set temporary ¼ sec. cor.
80.00	Intersect N and S line 24 lks N of cor to secs 28. 29 32 and 33 Thence I run N 89°50' W on a true line bet secs. 29 and 32 with same Va.
40.00	Set a sand stone 15×9×6 ins 8 ins in the ground for ¼ sec. cor. Marked ¼ on N side dug pits 18×18×12 ins E and W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base over stone
80.00	The cor to secs. 29. 30. 31 and 32 Land high rolling and sandy soil 3rd rate ~~No timber~~

R56W. Continued

Chas	
	West on a random line bet sec 30 and 31 Va 15°35' E over high rolling land
40.00	Set temporary ¼ sec. cor
73.22	Intersect W boundary of Township 35 lks N of cor to secs 25. 30. 31 and 36 which is a mound of earth 1 foot high 3 ft base without post or stone I therefore set a sand stone 18×10×3 ins 10 ins in old mound marked with 1 notch on sand 5 notches on N edges reducing old pits which are now 18×18×12 ins in each sec 5½ ft dist and piled earth around stone Thence I run N 89°45' E. on a true line bet sec 30 and 31 with same Va.
33.22	Set a sand stone 14×9×6 ins 7 ins in the ground marked ¼ on N face for ¼ sec. cor. dug pits 18×18×12 ins E. and W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
73.22	The cor to secs 29. 30. 31 and 32 Land high and broken soil sandy 2nd rate ~~No timber~~

Subdivisions of T32, N

Chas	
	North bet secs 29 and 30
	V.a. 15°35' E
	over rolling and rising land
31.00	drain 30 ft deep brs S E
40.00	Set a sand stone 17×9×5 ins
	8 ins in the ground for ¼
	sec. cor. Marked ¼ on W face
	Dug pits 18×18×12 ins N and S
	of stone 5½ ft dist and raised
	a mound of earth 1½ ft high
	3½ ft base over stone
62.00	enter valley brs N W S E
80.00	Set a sand stone 17×9×4 ins
	8 ins in the ground for cor
	to secs 19. 20. 29 and 30 Marked
	with 2 notches on sand 5.
	notches on E. edges dug pits
	18×18×12 ins in each sec
	5½ ft dist and raised a
	mound of earth 2 ft high 4½ ft
	base along side
	Land high rolling and sandy
	3rd rate
	No timber

R 56 W continued

Chas	
	East on a random Line
	bet secs 20 and 29
	V.a. 15°35' E
	over valley and rising land
11.50	drain 150 lbs wide brs S E
24.00	leave valley enter high rolling land
40.00	set temporary ¼ sec. cor.
80.24	Intersect N and S line 12 lks
	N. of cor. to secs 20. 21. 28 and 29
	Thence I run
	N 89°55' W on a true line bet secs.
	20 and 29 with same V.a.
40.12	set a sand stone 13×12×7 ins
	6 ins in the ground for ¼ sec cor
	marked ¼ on N. face dug pits 18×
	18×12 ins E and W of stone 5½ ft
	dist and raised a mound of
	earth 1½ ft high 3½ ft base
	over stone
80.24	The cor to secs 19. 20. 29 and 30
	Land high and rolling
	Soil sandy and 2nd rate
	No timber

Subdivisions of T. 32 N

Chas	
	West on a random line
	bet secs 19 and 30
	Va 15°35' E
	over valley
9.00	leave valley S E N W thence over
	high and broken land
40.00	set temporary 1/4 sec cor
63.00	Drain decends S E
73.50	Intersect West boundary of Township
	at corto secs 19.24.25 and 30
	which is a mound of earth 1 ft high
	3 ft base with sand stone 12 x 3 ins
	above ground with pits 18 x 18 x 6 ins in
	each sec 5½ ft dist no marks on stone
	Thence I run
	East on a true line bet secs
	19 and 30 with same Va.
33.50	set a sand stone 16 x 9 x 7 ins 8 ins in the
	ground for ¼ sec. cor. Marked ¼ on N. face
	dug pits 18 x 18 x 12 ins E and W of stone 5½
	ft dist and raised a mound of earth 1½
	ft high 3½ ft base along side
73.50	The cor to secs 19.20.29 and 30.
	Land high broken and stony soil 2" rate
	No timber July 16th 1883

R 56 W. Continued

Chas	
	North bet secs 19 and 20
	Va 15°35' E
10.00	Drain 150 lks wide 30 ft deep bs S E
18.00	leave valley bs S E N W and ascend
	S slope of mountain bs W and S E
40.00	a point 200 ft above last sec cor
	and set a sand stone 16 x 10 x 5 ins
	8 ins in the ground for ¼ sec. cor.
	marked ¼ on W face dug pits
	18 x 18 x 12 ins N and S of stone 5½ ft
	dist and raised a mound of
	earth 1½ ft high 3½ ft base along side
	thence ascend to
80.00	a point 800 ft above water in
	Monroe creek and set a sand
	stone 18 x 10 x 6 ins 10 ins in the
	ground for cor to sec. 17.18.19 and 20
	marked with 3 notches on S and
	5 notches on E edges dug pits 18 x 18
	x 12 ins in each sec. 5½ ft dist
	and raised a mound of earth 2 ft high
	4½ ft base along side
	Land high rolling and sandy soil 2" rate
	No timber
	62 chas ~~of this line [illegible]~~ mountainous
	~~Land~~

Subdivisions of T 32 N.

Chs

East on a random line
bet secs 17 and 20
Va 15°35' E

Over high and rolling land
29.00 head of drain decends N E
40.00 Set temporary 1/4 sec. cor.
and decend over broken and
rocky ridges leaving N. E.
56.00 Enter pine timber bis N W S E
79.62 Intersect N and S line 17 lks
S of cor to secs 16. 17. 20 and 21
Thence I run
S 89°53' W on a true line bet secs
17 and 20 with same V.a.
39.81 Set a sand stone 13×10×8 ins
7 ins in the ground for 1/4 sec. cor
Marked 1/4 on N face dug pits 18×18
×12 ins E and W of stone 5½ ft dist
and raised a mound of earth 1½ ft
high 3½ ft base along side
79.62 The cor to secs 17. 18. 19 and 20
Land 1st 56 chs rolly & sandy 2nd rate
ballance 4th rate
23.60 chs of pine timber
whole line ~~runs~~ 79.62 chs over mountains
~~aus Land~~

R 56. W. Continued

West on a random line
bet secs 18 and 19
V 15°35' E

Over high and rolling land to
40.00 a point 150 ft below sec cor
and decend to
55.00 and ascend
74.26 Intersect west boundary of
Township 36 lks N of cor. to
secs 13. 18. 19 and 24. Which is
a sand stone 14×5 ins set firm
ly in the ground marked with 3
notches on N and S edges with
pits 18×18×8 ins in each sec 5½ ft
dist and a mound of earth 1½ ft high
3½ ft base along side
Thence I run
N 89°45' E on a true line bet secs
18 and 19 with same V.a
34.26 Set a sand stone 14×9×8 ins 7 ins
in the ground for 1/4 sec. cor. marked
1/4 on N face dug pits 18×18×12
ins E and W of stone 5½ ft dist
and raised a mound of earth
1½ ft high 3½ ft base along side

Subdivisions of T32.N

Chos	
74.26	The cor to secs 17.18.19. and 20 Land high and rolling soil sandy and 3rd rate
	No timber
	~~Whole line runs over Mountain~~
	~~ous Land~~
	74.26 Chs Mountainous

I. Carefully examined the adjustment of my solar compass to day particularly the Latitude and reversing arch apparatus and found them correct

North bet secs 17 and 18
V 15°35' E

	ascend to
16.00	Top of Mountain 8050 ft above water in monroe creek and decend allmost perpendicular cliff through pine timber
24.50	bottom of Cangon 100 ft deep

R 56 W Continued

	decends N E and ascend along N E slope of spur
40.00	to a pine 7 ins in diam which I marked ¼ S. cor on W side of a ¼ sec cor from which a pine 7 ins diam brs N. 8 lks dist marked ¼ S BT a pine 8 ins diam brs S1°W 11 lks dist marked ¼ S BT and decend to
43.00	Cangon 40 ft deep decends N.W. thence ascend over stone ridges
50.00	hard sand butte 50 ft high 1 Cha at base thence decend to
62.00	head of Cangon 70 ft deep decends N E. and ascend E slope of spur to
80.00	a point 500 feet above water in creek W. of cor and set a sand stone 20×10×7 ins 8 ins in the ground for cor to secs 7.8.17 and 18 Marked with 4. notches on S and 5 notches on E. edges and raised a mound of rock 2 ft high 4½ ft base around stone From which a pine 6 ins diam brs S60½°E 22 lks dist marked S17.T32N BT. a pine

Subdivisions of T32N

Chas	5 ins diam brs S41° W 12 lks dist marked S18. R56.W B.T.
	a pine 4 ins dia brs N61½ W. 32 lks dist marked S.7, B.T. A pine 4 ins diam brs North 68 lks dist marked BT this cor stands 15 ft below top of ridge 20 lks west of cor
	Land high broken and stony
	Soil 4th rate
	64 Chas of good pine timber
	~~whole line runs over Mountain~~
	~~ous Land~~
	80.00 Chs Mountainous
	East on a random line bet secs 8 and 17
	Va 15°35' E
	decend E slope of Spur over broken and stony land to
20.00	Spring branch water 2 lks wide 4 ins deep brs N E and ascend
	all most perpendicular Spur to
36.00	a point 350 ft above water in cr.
	and decend steep E side of spur

R 56 W. Continued

40.00	set temporary ¼ sec cor
42.00	Cor gon 100 ft deep decends N.E. and ascend
47.00	Top of rocky ridge 250 ft high drs N and S and decend to
54.00	Monroe creek 2 lks wide 4 ins deep brs N and ascend to
74.00	top of Spur 300 ft above water in cr brs N E and decend to
80.40	Intersect N and S line 48 lks S of cor to secs 8.9.16 and 17
	Thence I run
	S89°39' W on a true line bet secs 8 and 17 with same V.a.
40.20	to a pine 4 ins diam which I marked ¼ S C.O.R on N side for ¼ sec cor. From which a pine 6 ins diam brs S65° E 8 lks dist marked ¼ S BT
	a pine 10 ins diam brs N68° W 7 lks dist marked ¼ S BT
80.40	the cor to secs 7. 8. 17 and 18
	Land broken stony and worthless
	Timber Pine Elm and cottonwood
	80.40 Chas ~~whole line runs over~~
	80.40 Chs Mountainous ~~Land~~

Subdivisions of T32N

chas	
	West on a random line bet secs 7 and 18 V.A. 15°35' E
	ascend to
0.20	top of spur or divide 2 chas wide and decend to
13.50	bed of canyon 350 ft below sec. cor.
16.00	spring branch fork of Monroe cr water 3 lks wide 4 ins deep brs N E water rises 8 chas S of line at intersections of 4 canyons thence ascend almost perpendicular E slope of spur to
27.00	foot of perpendicular cliff 6 ft wide on top and 80 ft high brs S 8 chas to perpendicular end thence over and decend W slope
40.00	set temporary 1/4 sec cor and decend
45.00	canyon 100 ft deep and ascend to
60.00	to top of table land 600 ft above water in creek thence over broken and stay points
74.00	leave timber N and S

R 56 W Continued

chas	
75.90	Intersect W. boundary of Township 50 lks S of cor to secs 7.12.13 and 18 which is a sand stone 16×8 ins set firmly in the ground no marks perceptible with pits 18×18×8 ins in each sec 5½ ft dist and a mound of earth 1½ ft high 3 ft base along side cor stands in head of drain decends to Gulch S E
3	thence I run S 89°40' E on a true line bet secs 7 and 18 with same V.A.
35.90	Set a sand stone 16×10×4 ins 8 ins in the ground for a ¼ sec cor marked ¼ on N face dug pits 18×18×12 ins E and W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side
	From which a pine 6 ins diam brs N 5½° E 18 lks dist marked ¼ S.B.T. a pine 5 ins diam brs S 48° W 34 lks dist marked ¼ S. B.T.
75.90	The cor to secs 7.8.17 and 18
	Land high & broken soil 4th rate.
74 chs	good pine saw timber in canyons and on spurs ~~whole line runs over mountainous land~~
	75.90 chs mountainous

Subdivisions of T32.N

Chas	
	North bet Secs 7 and 8 Va 15° 35' E
	decending along barren stone ridge
11.00	top of stone ridge 300 ft above water in creek bs N E and decend to
16.00	head of canyon 100 ft below ridge and ascend to
31.00	top of same ridge 250 ft above water in creek thence decend & slope of spur to
40.00	set a sand stone 19X15X12 ins 12 ins in the ground for a 1/4 sec. cor From which a pine 7 ins diam bs S 9½ E 28 lks dist Marked 1/4 S B.T. a pine 14 ins diam bs S 81¾ W. 70 lks dist - Marked 1/4 S.B.T and decend to
50.00	a spring branch 6 lks wide water 5 ins deep decends N.E. and ascends to
52.00	valley bs N E
56.00	foot of ridge 50 ft high bs N E
60.00	top of ridge and decend to
69.00	spring branch in canyon 80 ft deep bs N E water 4 lks wide 6 ins deep thence ascend to

R 56.W. continued

Chas	
71.00	top of rolling table land bs N E with young growth of Pines
80.00	set a sand stone 17X10X7 ins 9 ins in the ground for a cor to Secs. 5.6.7 and 8 Marked with 5 notches on S and E. edges dug pits 18X18X12 ins in each sec. 5 ft. dist. and raised a mound of earth 2 ft high 4½ ft base along side from which a pine 3 ins diam bs S 69° W 355 lks dist Marked S. 7. T32N. R56.W B.T. a pine 2 ins diam bs N 10° W 93 lks dist Marked S.6. B.T no other large enough to mark
	Land Broken and Stony Soil 4th rate Timber Pine Ash cottonwood and Elm of good quality 80 chas
	~~whole line runs abt.~~
80.00 Chs	Mountainous ~~land~~

Subdivisions of T 32 N

Chas	East on a random line between secs 5 and 8 V 15° 35' E
	decend E slope through timber to
22.00	enter bed of Monroe creek N and S
29.50	Monroe creek 10 lks wide water 6 ins deep bes N
34.00	leave creek valley at foot of spur 100 ft high bes N
40.00	set temporary 1/4 sec cor and decend to
54.00	Spring branch 3 lks wide 4 ins deep bes N.
65.00	leave creek bed at foot of spur bes N. and ascend over broken stony ridge
80.12	Intersect N and S line 24 lks S of cor to secs 4.5.8 and 9
	Thence I run
	S 89° 50' W on a true line between secs 5 and 8 with same V.a.
40.06	Set a sand stone 17 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 E and W of stone 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base along side from which a spruce 4 ins diam bes S 34½ E 111 lks dist marked 1/4 S B.T.

R 56 W, continued

Chas	a pine 3 ins diam bes N 75½ E 122 lks dist marked 1/4 S B.T.
80.12	The cor to secs 5.6.7 and 8
	Land broken and stony soil 4th rate
	80.12 chas of Pine ash and Elm timber
	whole line runs over mountainous land

	West on a random line between secs 6 and 7 V a 15° 35' E
	ascend along S slope of mountain spur
12.00	top of ridge 100 ft high bes N and S and decend to
32.00	bed of canyon 100 ft deep decends S E
	and ascend over end of spur to
40.00	set temporary 1/4 sec cor and decend
42.00	canyon 30 ft deep decends N E
	and ascend over end of spur 60 ft high to
47.00	Same canyon 40 ft deep decends S. E
	Thence ascend E slope of mountain to
64.00	top of stony ridge and rocky flats bes S E 250 ft high above sec cor, and decend to
73.00	Canyon 60 ft deep decends S E
76.24	Intersect west boundary of Township 26 lks S of cor to secs 1.6.7 and 12 which

Chas	is a sand stone 15×8×6 ins above
	ground in mound of earth with pits 18×18×10
	ins in each sec 5½ ft dist from which
	a pine 4 ins diam bes S 70½° E 29 lks
	dist marked R 56 W S 7. W.T. a pine
	4 ins diam bes S 71.45° W 19 lks dist
	marked T 33 N S 12. W.T. no other trees marked
	Thence I run
	N 89.50° E. on a true line bet
	Secs 6 and 7 with same V.a
36.24	set a sand stone 16×12×5 ins 8 ins
	in the ground for 1/4 sec cor marked ¼
	on N face dug pits 18×18×12 ins
	E and W of stone 5½ ft dist and rais
	ed a mound of earth 1½ ft high 3½ ft base
	along side. from which a pine 3 ins
	diam bes S 40° W 3 lks dist marked
	¼ S BT a pine 4 ins diam bes N 45½°
	W 9 lks dist marked ¼ S BT
	The large timber has been cut and
	hauled of for acres around here
76.24	The cor to secs 5, 6, 7 and 8
	Land high and broken soil 4" rate
	timber pine 76.24 chas
	~~whole line runs over mountainous~~
	~~Land~~ 76.24 chs Mountainous

Chas	North on a true line bet secs 5 & 6
	V.a. 15.35° E
	ascend E end of mountain spur to
8.00	top of spur 150 ft above sec cor
	bes E. and descend to
35.00	leave timber E and W
40.00	Set a sand stone 17×10×5 ins 8 ins
	in the ground for ¼ sec cor marked ¼
	on W face dug pits 18×18×12 ins
	N and S of stone 5½ ft dist and
	raised a mound of earth 1½ ft high
	3½ ft base along side
54.00	leave mountains bes N E + west
76.00	enter brush along creek
77.00	fork of monroe creek 4 lks wide 4 ins
	deep bes N E
79.00	leave brush along creek
81.78	Intersect 8th Standard parallel N
	at a point 16.56 chas East of the
	Standard cor to secs 32 and 33 Town
	ship 33 N R 56 W. at which point
	I set a sand stone 18×10×7 ins 10 ins
	in the ground for a closing cor to
	secs 5 and 6 marked C.C. on S face
	with 1 notches on W and 5 notches
	on E. edges dug pits 18×18×12 ins
	E. S and W of stone 5½ ft dist

Subdivisions of T 32. N R 56 W continued

and raised a maund of earth
2 ft high 4½ ft bore along side
Land 1st 54 chas mountain Soil
Sandy 3rd rate ballance rolley and
Sandy 2nd rate
Timber Pine Brush willow
38 chas of brush and timber
54 chas ~~of this line runs over~~
mountainous ~~Land~~

July 17th 1883

General Description
This Township contains nearly
every variety of land from plains
to mountains except 1st rate
there is some good farming
Land in secs 19. 30. 31. 29. 28. and
33. The ballance of this Tp. is
broken and stoney and allmost
worthless except for timber
There is large quantities of
good pine timber for lumber
along Monroe creek I found
some of the largest ash trees I
ever saw alon the creeks

in secs 6 + 7 large quantities
of the best timber has been
cut and hauld away.
In the N E ¼ of sec 11 stands
a hard sand stone Butte about
900 ft above the valley N and
resembling an old church build
ing which can be seen from 10 to 20
miles in any direction
there is no permanent settle
ments in this Tp. but
near the ¼ sec cor ~~sec~~ on W side
of sec 1 there is an old and abandoned
stage ranch

U.S. Surveyor General's office
Plattsmouth Nebraska
1884

The foregoing field notes of the Survey of the Subdivision Lines of Tp. 32 N. R. 56 W of the 6th P. M in Nebraska, executed by George W Fairfield U.S. Deputy Surveyor under his Contract No 13. dated September 14. 1882, during the month of July 1883. having been critically examined the necessary corrections and explanations made, the said field notes and the Survey they describe are hereby approval

D V Stephenson
Surveyor General

General Land Office • Original Field Notes

Book Number

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

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