General Land Office • Original Field Notes

Book Number

704

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

..... Meridian.

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T.29-32N.
R. 52 W.

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125

M. F. Reilly,

T. 29 North, R. [illegible]

Sixth Prin[illegible]

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 29 N., Range 52 W.

6th P., Meridian.

BY

M. F. Reilly, Deputy Surveyor.

Under his Contract of Sept. 22, 1881,

Survey Commenced Mar. 27, 1882,

Survey Completed Apr. 1, 1882.

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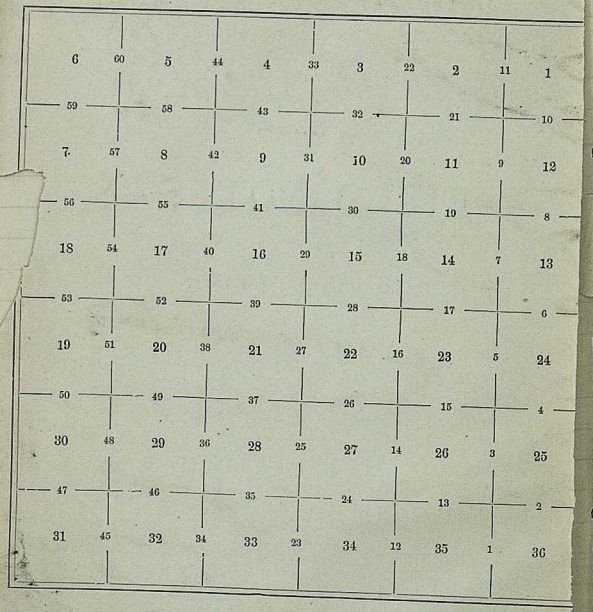
Township ..... Range .....

..... Meridi



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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 a perfect first rate order. Made by W. & L. E. Gurley of Troy N. Y. in 1881,

Township 29 N., Range 52 W., 6th P. Meridian.

(See previous page)

A post in Earth md & 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 15°15 East.
	Ascend gradually.
40.00	Set a Sand stone, 14x12x6 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. and W. of stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
80.00	Set a Sand Stone, 14x12x9 ins., 9 ins. in the ground, for Cor. to Secs. 25-26-35-36, marked with one notch on S. & E. edges, dug pits, 18x18x12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth, 2 ft. high, 4 1/2 ft. base,
	Land rolling,
	Soil 3rd rate,
	Vegetation, Prairie grass.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	East, on a random line between Sections 25 and 36. Variation 15°21' East.
	Descend gradually,
37.00	Cross Ravine, 14 lks. wide, Course S. 30° E., and ascend gradually,
40.00	Set temporary 1/4 sec. cor.
60.00	Top of Hill, bears N. & S. & descend,
80.18	Intersect East Boundary of Tp., 18 lks. South of cor. to secs. 25-30-31-36, a deposit of charcoal, in mound & pits, Post in S. E. pit, from which corner, I run S. 89°52' W., on a true line between sections 25-36, Va. 15°20' E.
40.09	Set a Sand stone, 14x12x9 ins. 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins. N. & S. of stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
80.18	The cor. to secs. 25-26-35-36,
	Land rolling,
	Soil 3rd rate,
	Vegetation Bunchgrass.

Township 29 N., Range 5½ W., 6th P. M., Meridian.

North, between Sections 25 and 26

Variation 15° 21' East.

Chains	
	Ascend gradually,
26.00	Top of Hill, bears N.W. & S.E. and descend,
40.00	Set a Sand stone, 14 x 12 x 11 ins., 9 ins. in the ground, for ¼ Sec. Cor. marked ¼ on N. face, dug pits 18 x 18 x 12 ins. E. & W. of Stone, 1½ ft. high, 3½ ft. base
40.50	Cross Rannie, 30 lks. wide, course S.E. and ascend,
68.00	Top of Hill, bears N. 40° W. & S. 40° E. and descend,
80.00	Set a Sand stone, 16 x 14 x 12 ins., 11 ins. in the ground, for Cor. to Secs. 23-24-25-26, marked with 2 notches on S. and 1 notch on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth, 2 ft. high, 4½ ft. base,
	Land mountainous.
	Soil 3rd rate
	Vegetation Bunchgrass.

Township 29 N., Range 5½ W., 6th P. M., Meridian.

East, on a random line between Sections 24 and 25.

Variation 15° 21' East.

Chains	
	Descend
12.00	Cross Rannie, 5 lks. wide, course S. 30° E. and ascend,
40.00	Set temporary ¼ Sec. Cor.
50.00	Top of Hill, bears N.W. & S.E. and descend gradually,
79.92	Intersect East Boundary of Tp. 8 lks. North of cor. to Secs. 19-24-25-30, a deposit of Charcoal, in mound of Pits, Post in S.E. pit, from which corner Sun N. 89° 57' W., on a true line between Secs. 24 & 25, Va. 15° 30' E.,
39.96	Set a Sand Stone, 16 x 14 x 12 ins. 11 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.
79.92	The Corner to Sections 23-24-25-26.
	Land rolling.
	Soil 3rd rate.
	Timber and vegetation of Pine and Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	North, between Sections 23 and 24. Variation 15° 21' East.
	Descend,
9.50	Cross Ravine, 20 lks. wide, Course S.E., and ascend,
19.00	Top of Hill, bears N.W. & S.E. and descend gradually.
40.00	Set a 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,
80.00	Set a Sand stone, 16 x 14 x 10 ins., 11 ins. in the ground, for Cor. to Secs. 13-14-23-24, marked with 3 notches on S. and 1 notch on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec, 5 1/2 ft. dist. and raised a mound of earth, 2 ft. high, 4 1/2 ft. base.
	Land rolling.
	Soil 2nd and 3rd rate,
	Timber, Pine
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	East, on a random line between Sections 13 and 24. Variation 15° 21' East.
	Descend,
10.00	Cross Ravine, 20 lks. wide, Course S.E., and ascend,
34.00	Top of Hill, bears N.W. & S.E. & descend,
40.00	Set temporary 1/4 sec. cor.,
60.00	Cross Ravine, 30 lks. wide, Course S.E., and ascend,
79.71	Intersect E. B. of Tp., 22 lks. North of Cor. to secs. 13-18-19-24, a deposit of charcoal in mound, Post in S.E. pit, from which corner, Trun N 89° 51' W., on a true line between secs. 13-24, Va. 15° 21' E.,
39.86	Set a Sand stone, 16 x 14 x 12 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. 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,
79.71	The Cor. to secs. 13-14-23-24,
	Land mountainous,
	Soil 2nd & 3rd rate,
	Timber, Pine
	Vegetation, Bunchgrass

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	North, between Sections 13 and 14. Variation 15°21' East.
	Descend,
12.00	Cross Ravine, 40 lks. wide, Course E. & ascend.
23.00	Top of Hill, bears E. & W. & descend,
25.50	Cross Ravine, 75 lks. wide, Course E. & ascend,
40.00	Set a Sand stone, 10×6×4 ins., 7 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, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base.
60.00	Top of Hill, bears E. & W. & descend,
80.00	Set a Sand stone, 34×12×10 ins., 25 ins. in the ground, for Cor. to Secs. 11-12-13-14, marked with 4 notches on S. and 1 notch on E. edges, and raised a mound of stone
	Pits impracticable,
	Land hilly,
	Soil 2nd and 3rd rate,
	Timber, Pine
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass today, particularly the latitude & reversing apparatus, & found them correct, Mar. 27, 1882.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	East, on a random line between Sections 12 and 13. Variation 15°24' East.
	Descend,
3.70	Cross Ravine, 30 lks. wide, Course S. 50° E. and ascend,
20.00	Top of Spur, bears N. & S. & descend,
30.00	Cross Ravine, 30 lks. wide, Course S. & ascend,
40.00	Set temporary 1/4 sec. cor.
80.30	Intersect E. B. of Tp., 16 lks. South of Cor. to secs. 7-12-13-18, a deposit of charcoal in mound, Post in S.E. pit from which corner I run S. 89°53' W., on a true line between secs. 12-13, Va. 15°24' E.
40.15	Set a Sand stone, 16×12×8 ins., 11 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone,
	Pits impracticable.
80.30	The cor. to secs. 11-12-13-14,
	Land mountainous.
	Soil 2nd and 3rd rate,
	Timber, Pine
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	North, between Sections 11 and 12. Variation 15° 24' East.
	Descend,
1.70	Cross Ravine, 30 lks. wide, Course S. 50° E., and ascend,
12.00	Top of Hill, bears E. & W. and descend,
28.00	Cross Ravine, 50 lks. wide, Course S. 80° E., and ascend,
40.00	Set a Sand Stone, 14 x 12 x 10 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.
58.00	Top of Hill, bears E. & W. & descend,
68.00	Cross Ravine, 45 lks. wide, Course S. 80° E., and ascend gradually,
80.00	Set a Sand Stone, 14 x 12 x 10 ins. 9 ins. in the ground, for Cor. to Secs. 1-2-11-12, marked with 5 notches on S. and 1 notch on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist., and raised a mound of earth, 2 ft. high, 4 1/2 ft. base,
	Land hilly
	Soil 2nd and 3rd rate,
	Timber Pine,
	Vegetation Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 15° 24' East.
	Descend,
30.00	Cross Ravine, 30 lks. wide, Course S. & ascend,
40.00	Set a temporary 1/4 Sec. cor.
58.00	Top of Hill, bears N. & S. & descend
68.00	Cross Ravine, 30 lks. wide, Course S. 30° W., and ascend,
80.16	Intersect East Boundary of Tp., 21 lks. South, of cor. to secs. 1-6-7-12 a deposit of charcoal in mound, Post in S.E. pit from which corner Trun S. 89° 51' W., on a true line between secs. 1-12, Va. 15° 24' E.,
40.08	Set a Sand Stone, 16 x 12 x 11 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. 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,
80.16	The cor. to secs. 1-2-11-12,
	Land hilly.
	Soil 2nd and 3rd rate,
	Timber, Pine.
	Vegetation Bunchgrass.

Township 29 N., Range 5th 5 W., Meridian.

Chains	North, on a random line between Sections 1 and 2. Variation 15° 24' East.
	Ascend,
40.00	Set temporary ¼ sec. cor.,
46.00	Top of Hill, brass N.W. & S.E. & descend,
64.00	Cross Ravine, 20 lks. wide, course S. 70° E. and ascend,
79.69	Intersect North Boundary of Tp. 29 lks. West of cor. to secs. 1-2-35-36, from which corner I run S. 12' W., on a true line between secs. 1-2, Va. 15° 24' E.,
39.69	Set a Sand Stone, 11 x 9 x 6 ins. 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins. E. & W. of Stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base.
79.69	The cor. to secs. 1-2-11-12
	Land hilly,
	Soil 2nd & 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass.

Township 29 N., Range 5 W., Meridian.

From a Pine Post in Earth mound & pits,

Chains	North, between Sections 34 and 35. Variation 15° 15' East.
	Ascend,
14.00	Top of Hill, bears N.W. & S.E. and descend,
22.40	Cross Wash, 40 lks. wide, course S.E. & ascend,
40.00	Set a Sand Stone, 11 x 8 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. & W. of Stone, 5½ ft. dist., 1½ ft. high, 3½ ft. base,
80.00	Set a Sand Stone, 15 x 12 x 7 ins., 11 ins. in the ground, for Cor. to Secs. 26-27-34-35, marked 1 notch on S. and 2 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base,
	Land hilly,
	Soil 3rd rate,
	Vegetation Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

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

Variation 15°30' East.

Chains	
	Descend.
9.60	Cross Sag, 100 lks. wide, bears N. & S. ✓ ascend.
18.00	Top of Spur, bears N. & S. ✓ descend,
33.00	Cross Sag, 90 lks. wide, bears N. & S. ✓ ascend,
40.00	Set temporary 1/4 sec. cor.
60.00	Top of Hill, bears N. & S. and descend gradually
79.91	Intersect N. & S. line, 30 lks. North of corner to sections, 25-26-35-36, from which corner, I run N. 89° 47' W., on a true line between secs. 26-35. Va. 15°30' E.
39.96	Set a Sand Stone, 14 x 12 x 9 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,
79.91	The cor. to secs. 26-27-34-35.
	Land mountainous,
	Soil 3rd rate.
	Timber, Pine
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

North, between Sections 26 and 27.

Variation 15°30' East.

Chains	
	Ascend gradually.
40.00	Set a Sand Stone 20 x 14 x 8 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. & W. of Stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
68.50	Top of Spur, bears E. & W. ✓ descend,
80.00	Set a Sand Stone, 14 x 9 x 8 ins., 9 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. 5 1/2 ft. dist. and raised a mound of Earth, 2 ft. high, 4 1/2 ft. base,
	Land hilly.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 N., Range 5 W., 6th P. Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 15° 27' East.
	Ascend gradually,
30.00	Top of Ridge, bears N. & S. & descend
40.00	Set temporary ¼ sec. cor.,
79.67	Intersect N. & S. line, 20 lks. North of cor. to secs. 23-24-25-26, from which corner, Elm N. 89° W. on a true line between secs. 23-26, Va. 15° 27' East,
39.84	Set a Sand Stone, 14 x 8 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, and raised a mound of Stone, Pits impracticable,
79.67	The cor. to sections 22-23-26-27, Land hilly, Soil 3rd rate, Vegetation, Bunchgrass,

Township 29 N., Range 5 W., 6th P. Meridian.

Chains	North, between Sections 22 and 23. Variation 15° 27' East.
	Descend
1.56	Cross Ravine, 30 lks. wide, course W. & ascend,
35.00	Top of Hill, bears NE. & SW. and descend,
37.20	Cross Ravine, 20 lks. wide, course W. & ascend
40.00	Set a Sand Stone, 18 x 11 x 9 ins., 12 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,
55.00	Top of Ridge, bears N. 20° W. & S. 20° E. & descends,
73.00	Cross Ravine, 10 lks. wide, course N. 15° E. and ascend,
74.50	Top of Spur, bears E. & W. & descend,
78.40	Cross Ravine, 30 lks. wide, course E. & ascend,
80.00	Set a Sand Stone, 18 x 14 x 12 ins., 12 ins. in the ground for Cor. to Secs. 14-15-22-23, marked with 3 notches on S. and 2 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth, 2 ft. high, 4½ ft. base,
	Land mountainous, Soil 2nd & 3rd rate, Timber, Pine, Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

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

Variation 15° 30' East.

Chains	
	Descend,
2.00	Cross Ravine, 12lks. wide, Course N. 30° E. and ascend,
7.00	Top of Hill, bears N. & S. and descend,
30.00	Cross Ravine, 20lks. wide, Course NE. & ascend,
40.00	Set temporary 1/4 sec. cor.,
46.00	Top of Spur, bears N. & S. & descend,
65.00	Cross Ravine, 30lks. wide, Course N.E. and ascend,
70.00	Top of Hill, bears N. & S. & descend,
79.88	Intersect N. & S. line, 40lks. North of cor. to secs. 13-14-23-24, from which cor. Sun N. 89° 45' W., on true line between sections 14-23 Va. 15° 30' E.
39.94	Set Sand Stone 14x12x6 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins. N. & S. of Stone, 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
79.88	The cor. to secs. 14-15-22-23.
	Land mountainous. Soil 2nd & 3rd rate,
	Timber, Pine
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

North, between Sections 14 and 15.

Variation 15° 30' East.

Chains	
	Ascend,
11.00	Top of Ridge, bears NE. & SW. & descend,
23.51	Cross Ravine, 20lks. wide, Course E. & ascend,
26.50	Top of Ridge, bears E. & W. and descend,
35.50	Cross Ravine, 30lks. wide, Course S. 70° E. and ascend,
40.00	Set a Sand Stone, 14x11x6 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. & W. of Stone, 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high 3 1/2 ft. base,
78.00	Top of Ridge, bears N. 80° W. - S. 80° E. & descend,
80.00	Set a Sand Stone, 14x11x8 ins., 9 ins. in the ground, for Cor. to Sec. 10-11-14-15, marked with 4 notches on S. and 2 notches on E. edges, dug pits, 18x18x12 ins. in each Sec. 5 1/2 ft. dist., and raised a mound of earth, 2 ft. high, 4 1/2 ft. base,
	Land mountainous,
	Soil 2nd & 3rd rate,
	Timber Pine
	Vegetation, Bunchgrass.
	Mar. 28, 1882.

Township 29 N., Range 32 W., 6th P. Meridian.

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

Variation 15° 21' East.

Chains	
	Descend,
17.00	cross Ravine, 10lks. wide, course N. 35° E. and ascend,
21.00	Top of Spur, bears N.E. & S.W. & descend,
28.50	cross Ravine 30lks. wide, course N. & ascend,
30.00	Top of Hill, bears N. & S. & descend,
38.00	cross Ravine, 30 lks. wide, course N.E. & ascend,
40.00	Set temporary 1/4 sec. cor.,
60.00	Top of Hill, bears N. & S. & descend,
79.79	Intersect N. & S. line, 33 lks. South of cor. to secs. 11-12-13-14, from which corner, Trum S. 89° 46' W., on a true line between sections 11—14. Va. 15° 21' E.,
39.90	Set a Sand Stone, 11 x 10 x 6 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,
79.79	The cor. to secs. 10-11-14-15. Land mountainous, Soil 2nd & 3rd rate, Timber Pine, Vegetation, Bunchgrass.

Township 29 N., Range 32 W., 6th P. Meridian.

North, between Sections 10 and 11.

Variation 15° 21' East.

Chains	
	Descend gradually,
17.20	cross Rayine, 30 lks. wide, course E. & ascend,
33.00	Top of Ridge, bears E. & W. & descend,
40.00	Set a Sand Stone, 14 x 12 x 8 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, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base,
42.00	cross Ravine, 10 lks. wide, course N. 70° E., and ascend,
48.50	Top of Hill, bears E. & W. & descend,
62.80	cross Ravine, 30 lks. wide, course S. 70° E., and ascend,
68.00	Top of Hill, bears E. & W. & descend,
80.00	Set a Sand Stone, 14 x 12 x 10 ins. 9 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 3rd rate, Timber Pine, Vegetation of Bunchgrass.

Township 29 N., Range 5 2 W., 6th P. Meridian.

Chains	East, on a random line between Sections 2 and 11. Variation 15° 21' East.
	Descend gradually,
40.00	Set temporary 1/4 Sec. Cor.,
45.00	Cross Ravine, 20lks. wide, course E. & ascend,
51.00	Top of Hill, bears N.W. 10 lks. and descend,
80.25	Intersect N. & S. line, 12lks. South of Cor. to Secs. 1-2-11-12 from which corner, Sun S. 89° 55' W., on a true line between sections 2-11, Va, 15° 21' E.,
40.13	Set a Sand stone, 12x11x8 ins., 8 ins. in the ground for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins. N. & S. of stone, 15 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
80.25	The corner to sections 2-3-10-11,
	Land rolling,
	Soil 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass.

Township 29 N. Range 5 2 W. 6th P. Meridian.

Chains	North, on a random line between Sections 2 and 3. Variation 15° 21' East.
	Descend,
7.60	Cross Ravine, 30lks. wide, course E. & ascend,
15.00	Top of Spur, bears E. & W. and descend,
24.60	Cross Ravine, 30lks. wide, course E. & ascend,
40.00	Set temporary 1/4 Sec. Cor.,
73.00	Top of Ridge, bears N.W. & S.E. & descend,
79.89	Intersect North Boundary of Tp., 12lks. West of Cor. to Secs. 2-3-34-35, from which corner, Sun S. 5 W., on a true line between Secs. 2-3, Va, 15° 21' E.,
39.89	Set a Sand stone, 14x12x8 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. & W. of stone, 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. 2-3-10-11,
	Land mountainous,
	Soil 2nd and 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

From Pine Post, 3 ins. square, 3 ft. long,

Chains — Run North, between Sections 33 and 34.

Variation 15° 18' East.

Descend gradually,
23.00 Cross Wash, 40 lks. wide, course East.
40.00 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. Mound of Stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
80.00 Set a Sand stone, 16 x 14 x 12 ins, 11 ins. in the ground, for Cor. to Secs. 27-28-33-34, marked with 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 rolling.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

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

Variation 15° 18' East.

Descend,
11.00 Cross Log, 75 lks wide, bears N. & S. Ascend,
23.00 Top of Ridge, bears N. & S. Descend.
40.00 Set temporary 1/4 Sec. Cor., in Wash, 30 lks. wide, Course S.E. and ascend,
50.00 Top of Hill, bears N.W. & S.E. Descend &
72.30 Cross Wash, 50 lks. wide, Course S. 15° E., and ascend
76.00 Top of Hill, bears N. & S. Descend,
80.04 Intersect N. & S. line 10 lks. South of Cor. to Secs. 26-27-34-35 from which corner, Juniper, S. 89° 56' W., on a true line between Sections 27 & 34, Va. 15° 30' E.
40.02 Set a Sand stone, 12 x 10 x 7 ins, 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N face, dug pits, 18 x 18 x 12 ins. N. & S. of Stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
80.04 The Cor. to Secs. 27-28-33-34,
Land mountainous,
Soil 3rd rate
Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	North, between Sections 27 and 28. Variation 15°18' East.
	Descend,
23.00	Cross Sag, 40 lks. wide, Course E. & W. and ascend,
40.00	On top of Hill, bears E. and W., 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. 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, and descend,
60.20	Cross Creek, 40 lks. wide, Course S.E. and ascend,
80.00	Set a Sand stone, 14x12x9 ins., 9 ins. in the ground, for Cor. to Secs. 21-22-27-28, marked with 2 notches on S. and 3 notches on E. edges, dug pits, 18x18x12 ins. in each Sec., 5 1/2 ft. dist. and raised a mound of earth, 2 ft. high, 4 1/2 ft. base.
	Land hilly.
	Soil 2nd and 3rd rate.
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	East, on a random line between Sections 22 and 27. Variation 15°18' East.
	Ascend gradually,
3.00	Top of Ridge, bears N. & S. & descend,
10.00	Cross Wash, 40 lks. wide, Course S.E. & ascend,
20.00	Top of Ridge, bears N. & S. & descend,
28.00	Cross Wash, 40 lks. wide, Course S. & ascend,
40.00	Set temporary 1/4 sec. cor.
60.00	Top of Hill, bears N. & S. & descend,
80.25	Intersect N. & S. line, 16 lks. South of cor. to secs. 22-23-26-27, from which corner, Iron, S. 89°53' W., on a true line between secs. 22-27. Va. 15° ~~27~~ 18' E.
40.13	Set a Sand stone, 12x9x7 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins. N. & S. of stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
80.25	The cor. to secs. 21-22-27-28,
	Land mountainous,
	Soil 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 5 2 W., 6th P. M., Meridian.

Chains	North, between Sections 21 and 22. Variation 15° 8' East.
	Ascend gradually, E. & W. & descend,
38.00	Top of Ridge, bears E. & W. & descend,
40.00	In Sag bearing E. & W., Set a Sand stone, 10 x 6 x 4 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 Stone, 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, & ascend,
80.00	Set a Sand Stone, 12 x 10 x 8 ins. 8 ins. in the ground, for Cor. to Secs. 15-16-21-22, marked with 3 notches 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 mountainous, Soil 3rd rate, Vegetation Bunchgrass, Carefully examined the adjustments of my solar compass today, particularly the latitude and receiving apparatus, and found them correct, Mar. 29, 1882,

Township 29 N., Range 5 2 W., 6th P. M., Meridian.

Chains	East, on a random line between Sections 15 and 22. Variation 15° 18' East.
	Descend gradually,
4.00	to a Sag, 100 lks. wide, bears N. & S. & ascend,
11.50	Top of Ridge, bears N.E. & S.W. & descend,
18.20	to a Sag, 100 lks. wide, bears N.E. & S.W. & ascend,
30.00	Top of Ridge, bears N. & S. and descend,
40.00	Set temporary 1/4 sec. cor., in Sag, bears N. & S. and ascend
56.00	Top of Hill, bears N. & S. and descend,
69.60	to a Sag, 50 lks. wide, bears N. & S. & ascend,
74.00	Top of Hill, bears N. & S. and descend,
80.13	Intersect N. & S. line, 28 lks. South of cor. to secs. 14-15-22-23, from which corner, Azm S. 89° 48' W., on a true line between sections 15 - 22, Va. 15° 30' E.
40.07	Set a Sand stone, 10 x 8 x 4 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. dist.
80.13	The cor. to Secs. 15-16-21-22, Land mountainous, Soil 3rd rate Vegetation, Bunchgrass.

Township 29 N., Range 5½ W., 6th P. M. Meridian.

Chains	North, between Sections 15 and 16. Variation 15° 18' East.
	Ascend
4.00	Top of Ridge, bears E. & W. descend,
19.00	Cross Sag, 100 lks. wide, bears N.E. & S.W. and ascend,
40.00	Set a Sand Stone, 14 x 12 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins. E. & W. of Stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base,
51.00	Top of Ridge, bears E. & W. and descend,
59.00	Cross Sag, 200 lks. wide, bears N.E. & S.W. and ascend,
80.00	Set a Sand Stone, 14 x 10 x 8 ins. 9 ins. in the ground, for Cor. to Secs. 9-10-15-16, marked with 4 notches on S. and 3 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth, 2 ft. high, 4½ ft. base,
	Land mountainous,
	Soil 3rd rate,
	Vegetation Bunchgrass.

Township 29 N., Range 5½ W., 6th P. M. Meridian.

Chains	East, on a random line between Sections 10 and 15. Variation 15° 30' East.
	Ascend gradually,
7.00	Top of Ridge, bears N.W. & S.E. descend,
37.00	Cross Sag, 100 lks. wide, bears N. & S. ascend,
40.00	Set temporary ¼ Sec. Cor. on top of Ridge, bears N. & S. and descend
79.81	Intersect N. & S. line, 20 lks. North of corner to Secs. 10-11-14-15, from which corner, Drum, N. 89° 51' W. on a true line between Secs. 10-15 Va, 15° E 39 76,
39.91	Set a Sand Stone, 14 x 8 x 7 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins. N. & S. of Stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base,
79.81	The corner to Secs. 9-10-15-16,
	Land mountainous.
	Soil 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 5 W., 6th P., Meridian.

North, between Sections 9 and 10.

Variation 15° 30' East.

Chains	
	Ascend
13.00	Top of Ridge, bears E. & W. descend,
22.00	Cross Sag, 200lks. wide, bears E. & W. ascend,
38.00	Top of Ridge, bears E. & W. and descend,
40.00	Set a Sand Stone, 12 x 10 x 8 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins. E. & W. of Stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
49.75	Cross Ravine, 20lks. wide, Course S.E. Vascana.
60.00	Top of Ridge, bears N.E. & S.W. descend,
62.00	Cross Ravine, 40lks. wide, Course S.E. & ascend,
74.00	Top of Ridge, bears E. & W. and descend,
80.00	Set a Sand Stone, 16 x 14 x 10 ins., 11 ins. in the ground, for Cor. to Secs. 3-4-9-10 marked with 5 notches on S. and 3 on E. edges, and raised a mound of Stone. Pits impracticable.
	Land mountainous,
	Soil 2nd and 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass.

Township 29 N., Range 5 W., 6th P., Meridian.

East, on a random line between Sections 3 and 10.

Variation 15° 30' East.

Chains	
	Descend gradually,
20.00	Cross Cañon, 50lks. wide, Course N.E. and ascend
27.00	Top of Ridge, bears N.E. & S.W. descend,
38.00	Cross Ravine, 35lks. wide, Course N.E. Vascana.
40.00	Set temporary 1/4 Sec. Cor.
43.00	Top of Ridge, bears N. & S. descend,
60.00	Cross deep Ravine, 50lks. wide, Course S.E. and ascend,
79.73	Intersect N. & S. line, 31lks. South of Cor. to Secs. 2-3-10-11, from which Cor. Bears S. 89° 47' W., on a true line between Sections 3-10.
	Va. 15° 30' 27" E.
39.87	Set a post, 3 ft. long, 3 ins. dia., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18 x 18 x 12 ins. N. & S. of post, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base around post,
79.73	The Cor. to Secs. 3-4-9-10,
	Land mountainous,
	Soil 2nd & 3rd rate,
	Timber, Pine,
	Vegetation Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

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

Variation 15° 30' East.

Descend,

31.00 Cross Ravine, 20lks. wide, Course S.E. & ascend,

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

40.00 Set temporary 1/4 Sec. cor.

41.00 Cross Ravine, 30lks. wide, Course S.E. and ascend gradually.

79.68 Intersect N.B. of Tp., 33lks. West of cor. to secs. 4-3-34-33, from which corner, Irun S. 14' W., on a true line between secs. 4-3.

Va. 15° ~~45~~ 30' E.

39.68 Set a post, 3 ft. long, 3 ins. dia., 12 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. & W. of post, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base around post,

79.68 The cor. to secs. 3-4-9-10.

Land mountainous.

Soil 2nd and 3rd rate.

Timber, Pine.

Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains | From Cedar Post, 4 in. square, in Earth md. & pits, Irun, North, between Sections 32 and 33.

Variation 15° 30' East.

Descend,

39.50 Cross Wash, 20lks. wide, Course E. & ascend,

40.00 On top of Spur, bearing E. & W., set a Sand Stone 16 x 12 x 10 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. 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, and descend,

50.00 Cross Wash, 50lks. wide, Course S.W. and ascend,

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

64.20 Cross Wash, 30lks. wide, Course S. 50 E. and ascend,

80.00 Set a Sand stone, 14 x 12 x 9 ins., 9 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, 3 1/2 ft. base.

Land mountainous.

Soil 3rd rate.

Vegetation, Bunchgrass.

Township 29 N., Range 5 W., 6th P. Meridian.

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

Variation 15°27' East.

Chains	
	Descend,
15.00	Cross Rainie, 10lks. wide, course S. 40 E. and ascend,
26.00	Top of Ridge, bears N.W. & S.E. & descend,
32.11	Cross Rainie, 10lks. wide, course S.E. and ascend,
40.00	Set temporary 1/4 sec. cor. on top of Ridge, bears N.W. & S.E. & descend,
79.82	Intersect N. & S. line 24lks. South of cor. to secs. 27-28-33-34 from which corner, Drum S. 89 30' W. on a true line between secs. 28-33. Va. 15° 27' E.,
39.91	Set a Sand stone, 14x10x9 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins. N. & S. of stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
79.82	The corner to sections 28-29-32-33.
	Land mountainous,
	Soil 2nd & 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass.

Township 29 N., Range 5 W., 6th P. Meridian.

North, between Sections 28 and 29.

Variation 15°27' East.

Chains	
	Descend,
11.00	Cross Rainie, 10lks. wide, course S. 30 E. and ascend,
18.00	Top of Hill, bears N.W. & S.E. & descend,
40.00	Set a Sand stone, 20x16x14 ins., 15 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., 6' W. of stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
61.60	Cross Rainie, 10lks. wide, course N. 30 E. & asc.
74.00	Top of Hill, bears N.W. & S.E. & descend,
79.60	Cross Rainie, 20lks. wide, course E. & ascend,
80.00	Set a Sand stone, 14x12x9 ins., 9 ins. in the ground, for Cor. to Secs. 20-21-28-29, marked with 2 notches on S. and 1 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 2nd & 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P.M. Meridian.

Chains	East, on a random line between Sections 21 and 28. Variation 15°30' East.
	Descend,
6.00	Enter Wash, Course East,
40.00	Set temporary ¼ sec. cor.,
42.00	Leave Wash and ascend,
79.64	Intersect N. & S. line, 19 lks. North of cor. to Secs. 21-22-27-28, from which corner, Sym N. 89° 52' W., on a true line between sections 21-28.
	Va. 15° 30' E.
39.82	Set a Sand Stone, 13 x 11 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, and raised a mound of Stone, 1½ ft. high, 3½ ft. base, Pits imprdeticable.
79.64	The cor. to Secs. 20-21-28-29.
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P.M. Meridian.

Chains	North, between Sections 20 and 21. Variation 15°30' East.
	Ascend,
2.00	Top of Spur, bears E. & W. & descend,
5.40	Cross Ravine, 12 lks. wide, Course S. 50° E. and ascend,
18.00	Top of Ridge, bears N.W. & S.E. & descend,
40.00	Set a Sand Stone, 14 x 11 x 9 ins., 9 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,
42.15	Cross Ravine, 20 lks. wide, Course S. 30° E. and ascend,
50.00	Top of Ridge, bears N. 30° W. & S. 30° E. and descend,
80.00	Set a Sand Stone, 20 x 9 x 9 ins., Sim. 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 2nd & 3rd rate
	Timber, Pine. Vegetation Bunchgrass.
	Mar. 30, 1882.

Township 29 N., Range 5 W., 6th P. M., Meridian.

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

Variation 15° 30' East.

Chains	
	Descend,
40.00	Set temporary ¼ sec. cor.,
52.00	cross Ravine, 10lks. wide, course S. 35° E., and ascend,
57.00	Top of Hill, bears N. W. & S. E., & descend,
61.00	cross Ravine, 20lks. wide, course S. 30° E., and ascend,
79.79	Intersect N. & S. line, 23lks. South of Cor. to secs. 15-16-21-22, from which corner, Trun S. 89° 50' W., on a true line between secs. 16 - 21, Va. 15° 30' E.,
39.90	Set a Sand Stone, 14 x 9 x 6 ins. 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. & S. of Stone, 5½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base,
79.79	The Cor. to secs. 16-17-20-21, Land hilly, Soil 2nd and 3rd rate, Timber, Pine, Vegetation, Bunchgrass.

Township 29 N., Range 5 W., 6th P. M., Meridian.

North, between Sections 16 and 17.

Variation 15° 30' East.

Chains	
	Descend gradually,
14.90	cross Wash, 30lks. wide, course S. 40° E., and ascend,
40.00	Set a Sand Stone, 20 x 14 x 4 ins. 15 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, This corner is on top of Hill, bearing N. E. and S. W. and descend,
46.00	cross Ravine, 20lks. wide, course S. W. & ascend,
80.00	Set a Sand Stone, 12 x 10 x 4 ins. 8 ins. in the ground, for Cor. to Secs. 8-9-16-17, marked with 4 notches on S. and 4 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth, 2 ft. high, 4½ ft. base,
	Land hilly,
	Soil 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P., Meridian.

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

Variation 15° 30' East.

Chains	
	Ascend
13.00	Top of Hill, bears N. & S. and descend.
17.60	Cross Wash, 30lks. wide, course S. 10° W. & varies
40.00	Set temporary 1/4 Sec. Cor.
79.83	Intersect N. & S. line, 10lks. North of Cor. to Secs. 10-9-15-16, from which corner, Pine N. 89° 56' W., on a true line between Secs. 9-16. Va. 15° 30' E.
39.92	Set a Sand Stone, 13 x 9 x 5 ins., 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. & S. of Stone, 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 5 1/2 ft. base.
79.83	The corner to Sections 8-9-16-17, Land hilly, Soil 3rd rate, Vegetation Bunchgrass. Timber, Pine.

Township 29 N., Range 52 W., 6th P., Meridian.

North, between Sections 8 and 9.

Variation 15° 30' East.

Chains	
	Ascend
3.00	Top of Hill, bears N.E. & S.W. & descend,
40.00	Set a Sand Stone, 18 x 9 x 4 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of Stone, Pits impracticable.
41.30	Cross Ravine, 20lks. wide, course S. 40° W. and ascend,
77.00	Top of Ridge, bears N.W. & S.E. and descend,
80.00	Set a Sand Stone, 18 x 14 x 9 ins., 12 ins. in the ground, for Cor. to Secs. 4-5-8-9, marked with 5 notches on S. and 4 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth, 2 ft. high, 4 1/2 ft. base, Land mountainous, Soil 2nd & 3rd rate, Timber, Pine, Vegetation, Bunchgrass.

Township 29 N., Range 5th 5 W., 6th P. Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation 15° 27' East.
	Descend,
29.00	cross Ravine, 12 lks. wide, course S. 35° E. and ascend
38.00	Top of Hill, bears N. 30° W. & S. 30° E. and descend,
40.00	Set temporary 1/4 sec. cor.
79.92	Intersect N. & S. line, 22 lks. North of cor. to secs. 3-4-9-10 from which corner, Dym N. 89° 51' W. on a true line between secs. 4-9, Va. 15° 27' E.,
39.96	Set a Sand Stone, 16 x 14 x 11 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. 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,
79.92	The corner to sections 4-5-8-9.
	Land hilly
	Soil 2nd & 3rd rate,
	Timber, Pine
	Vegetation, Bunchgrass.

Township 29 N., Range 5 W., 6th P. Meridian.

Chains	North, on a random line between Sections 4 and 5. Variation 15° 27' East.
	Descend gradually,
33.00	cross Ravine, 6 lks. wide, course S. 30° E. and ascend gradually,
40.00	Set temporary 1/4 Sec. Cor.
50.00	Top of Hill, bears N. 80° W. & S. 80° E. and descend,
79.40	Intersect N. B. & M., 40 lks. West of corner to sections 4-5-32-33, from which Cor., Dmm S. 17' W., on a true line between secs. 4-5, Va. 15° 27' E.,
39.40	Set a Sand Stone, 16 x 12 x 11 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. 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,
79.40	The Cor. to secs. 4-5-8-9,
	Land rolling,
	Soil 2nd & 3rd rate,
	Timber, Pine
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

From Pine Post, in Earth mound & pits,

Chains Trun, North, between Sections 31 and 32.

Variation 15°15' East.

Descend,

40.00 Set a Sand stone 16×11×9 ins., 11 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone, Pits impracticable,

50.00 Cross Ravine 30 lks. wide, Course S. 50° E. and ascend,

80.00 Set a Sand stone, 24×20×16 ins., 18 ins. in the ground, for 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. Pits impracticable.

Land hilly

Soil 3rd rate

Vegetation Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

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

Variation 15°27' East.

Ascend,

2.00 Top of Hill, bears N. & S. & descend,

14.00 Cross Ravine, 40 lks. wide, Course S. & ascend,

40.00 Set temporary 1/4 sec. cor.

50.00 Top of Hill, bears N. & S. & descend,

80.12 Intersect N. & S. line, 12 lks. South of cor. to secs. 28-29-32-33, from which corner, Trun S. 89°55' W., on a true line between secs. 29-32, Va. 15°27' E.

40.06 Set a Sand stone 16×14×11 ins., 11 ins. 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. 29-30-31-32.

Land hilly.

Soil 3rd rate.

Vegetation Bunchgrass.

Township 29 N., Range 5 W., 6th P. Meridian.

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

Variation 15° 27' East.

Chains	
	Descend,
6.00	Cross Rannie, 20 lks. wide, course South and ascend,
40.00	Set temporary 1/4 sec. cor.,
46.00	Top of Hill, bears N. & S. & descend,
80.24	Intersect W. B. of Sp., 16 lks. South of cor. to secs. 25-30-31-36, from which corner, Trun S. 89° 03' E., on a true line between sections 30-31, Va. 15° ~~15~~ 27' East,
40.24	Set a Sand Stone, 12 x 9 x 7 ins. 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins. N. & S. of Stone, 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
80.24	The corner to sections 29-30-31-32,
	Land hilly
	Soil 2nd and 3rd rate.
	Timber Pine
	Vegetation, Bunchgrass.

Township 29 N., Range 5 W., 6th P. Meridian.

North, between Sections 29 and 30.

Variation 15° 27' East.

Chains	
	Ascend,
12.00	Top of Hill, bears N.E. & S.W. & descend,
34.00	Cross Rannie, 30 lks. wide, course S. 20° W. and ascend,
40.00	Set a Sand Stone, 12 x 11 x 9 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins. E. & W. 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	Top of Hill, bears N.W. & S.E. & descend,
76.00	Cross Rannie, 30 lks. wide, course S. 40° E. and ascend,
80.00	Set a Sand Stone, 24 x 16 x 14 ins., 18 ins. in the ground, for Cor. to Secs. 19-20-29-30, marked with 2 notches on S. and 3 notches on E. edges, and raised a mound of Stone, Pits impracticable,
	Land mountainous,
	Soil 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15°30' East.
	Ascend,
40.00	Set temporary ¼ sec. cor.
42.00	Top of Spur, bears N. & S. & descend,
80.19	Intersect N. & S. line, 36 lks. South of cor. to secs. 20-21-28-29 from which cor., I run S. 89° 45' W., on a true line between secs. 20-29.
	Va. 15° 30' E.,
40.10	Set a Sand Stone, 16 x 11 x 9 ins., 11 ins. in the ground, for ¼ Sec. Cor. marked ¼ on N. face, and raised a mound of Stone.
	Pits impracticable.
80.19	The cor. to secs. 19-20-29-30,
	Land Rolling
	Soil 3rd rate,
	Vegetation, Bunchgrass.
	Carefully examined the adjustments of my solar compass today particularly the latitude and reversing apparatus, and found them correct.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15° 30' East.
	Descend,
5.00	Cross Ravine, 2 lks. wide, Course S. Ascend,
20.00	Top of Hill, bears N. & S. and descend,
35.00	Cross Ravine, Course S. 20° W. and ascend,
40.00	Set temporary ¼ sec. cor.,
50.00	Top of Hill, bears N. & S. & descend,
64.00	Cross Ravine, 20 lks. wide, Course S. 40° E. and ascend
80.31	Intersect W. B. of Tp., 33 lks. South of cor. to secs. 19-24-25-30, from which corner, I run S. 89° 46' E., on a true line between sections 19-30
	Va. 15° 30' E,
40.31	Set a Sand Stone, 18 x 16 x 11 ins., 12 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,
80.31	The cor. to secs. 19-20-29-30.
	Land mountainous.
	Soil 2nd and 3rd rate.
	Timber, Pine
	Vegetation, Bunchgrass.

Township 29 N., Range 5 2 W., 6th P. Meridian.

Chains	North, between Sections 19 and 20. Variation 15° 30' East.
	Ascend,
14.00	Top of Hill, bears E. & W. Ydescend,
40.00	Set a Sand Stone, 16 x 14 x 11 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. 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 10 x 8 ins, 8 ins. in the ground, for Cor. to Sees. 17-18-19-20, marked with 3 notches on S. and 3 notches on E. edges, and raised a mound of Stone, Pits impracticable.
	Land rolling.
	Soil 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 5 2 W., 6th P. Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15° 30' East.
	Descend
20.00	Cross Ravine, 30 lks. wide, Course S. 40° E., and ascend,
40.00	Set temporary 1/4 Sec. Cor.,
50.00	Top of Hill bears N.W. & S.E. Ydescend.
79.64	Intersect N. & S. line, 11 lks. North of Cor. to Sees. 16-17-20-21, from which corner, Juny N. 89° 55' W., on a true line between Sections 17-20, Va. 15° 30' E.
39.82	Set a Sand Stone, 14 x 11 x 9 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,
79.64	The Cor. to Sees. 17-18-19-20.
	Land hilly,
	Soil 2nd & 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	West, on a random line between Sections 18 and 19. Variation 15°30' East.
	Ascend,
40.00	Set temporary 1/4 sec. cor.
60.00	Top of Hill, bears N. & S. & descend,
80.12	Intersect West Boundary of Tp., 21 lks. North of cor. to secs. 13-18-19-24, from which corner, Trun N. 89°51' E. on a true line between sections 18-19, Va. 15.8 E.
40.12	Set a Sand stone, 14x12x10 ins. 9 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18x18x12 ins. N & S. of stone, 5½ ft. dist. and raised a mound of earth, 1½ ft. high, 3½ ft. base.
80.12	The cor. to secs. 17-18-19-20,
	Land rolling,
	Soil 3rd rate,
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

Chains	North, between Sections 17 and 18. Variation 15°30' East.
	Descend,
28.00	Cross Ravine, course S. 50° E. and ascend,
36.00	Top of Spur, bears N.W. & S.E. & descend,
40.00	Set a Sand stone, 16x12x8 ins., 11 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,
42.00	Cross Ravine, 30 lks. wide, Course S. 20° E. and ascend,
80.00	Set a Sand stone, 14x11x9 ins., 9 ins. in the ground, for Cor. to Secs. 7-8-17-18, marked with 4 notches on S. and 5 notches on E. edges, dug pits, 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,
	Timber, Pine,
	Vegetation, Bunchgrass.

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Township 29 N., Range 52 W., 6th P. Meridian.

East, on a random line between Sections 8 and 17.

Variation 15° 27' East.

Chains	
	Descend,
25.00	Cross Ravine, 30 lks. wide, Course S. 30° E. and ascend,
32.00	Top of Spur, bears N. & S. & descend,
39.00	Cross Ravine, 10 lks. wide, Course S. 30° E. and ascend,
40.00	Set temporary 1/4 Sec. Cor.,
50.00	Top of Spur, bears N. & S. & descend,
60.00	Cross Ravine, 40 lks. wide, Course S. 30° W. and ascend,
80.03	Intersect N. & S. line, 29 lks. South of Cor. to Secs. 8-9-16-17, from which corner, Quin S. 89° 45' W., on a true line between Sections 8-17, Va. 15° 27' E.
40.02	Set a Sand Stone, 26 x 8 x 12 ins., 19 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base,
80.03	The Cor. to Secs. 7-8-17-18,
	Land mountainous,
	Soil 2nd & 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass,

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Township 29 N., Range 52 W., 6th P. Meridian.

West, on a random line between Sections 7 and 18.

Variation 15° 27' East.

Chains	
	Descend,
24.50	Cross Ravine, 30 lks. wide, Course S. & ascend,
40.00	Set temporary 1/4 Sec. Cor., on top of Hill, bears N. 30° W. & S. 30° E., and descend,
55.00	Cross Ravine, 40 lks. wide, Course S. 40° E. and ascend,
80.23	Intersect West Boundary of Tp., 6 lks. South of Cor. to Secs. 7-12-13-18, from which corner, Quin S. 89° 57' E., on a true line between Sections 7-18, Va. 15° 27' E.,
40.23	Set a Sand Stone, 10 x 9 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,
80.23	The Cor. to Secs. 7-8-17-18,
	Land hilly,
	Soil 2nd & 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass,

Township 29 N., Range 52 W., 6th P. Meridian

North, between Sections 7 and 8

Variation 15° 27' East.

Chains	
	Descend
30.00	to cross Rannie, 20 lks. wide, Course E. to ascend
32.00	Top of Spur, bears S. & W. to descend
38.00	to cross Rannie, 28 lks. wide, Course S.E., and ascend,
40.00	Set a Sand stone, 18 x 12 x 4 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins. E. & W. of Stone, 5 1/2 ft. dist. and raised a mound of Earth 1 1/2 ft. high, 3 1/2 ft. base. From this corner, a Pine 6 ins. dia. bears S. 20° E., 80 lks. dist., marked 1/4 S.B.T. No other tree within limits
70.00	Top of Hill, bears N.W. & S.E. to descend,
80.00	Set a Sand Stone, 14 x 9 x 6 ins., 9 ins. in the ground, for Cor. to Secs. 5-6-7-8, marked with 5 notches on S. & E. edges, and raised a mound of Stone, Pits impracticable. Land mountainous, Soil 3rd rate, Timber Pine Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P. Meridian.

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

Variation 15° 15' East.

Chains	
	Descend,
11.00	to cross Rannie, 30 lks. wide, Course S. 20° E., and ascend gradually,
40.00	Set temporary 1/4 Sec. Cor.,
78.50	Top of Ridge, bears N.W. & S.E. to descend,
80.12	Intersect N. & S. line, 6 lks. South of Cor. to Secs. 4-5-8-9 from which corner, Run S. 89° 57' W., on a true line between sections 5-8. Va. 15° 27' E. 15'
40.06	Set a Sand Stone, 18 x 16 x 14 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.
80.12	The Cor. to Secs. 5-6-7-8, Land Rolling. Soil 3rd rate, Timber, Pine, Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P., Meridian.

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

Variation 15° 15' East.

Chains	
	Ascend,
40.00	Set temporary ¼ sec. cor.
53.00	Top of Hill bears N 30° W. & S. 30° E.,
	and descend,
63.00	Cross Ravine, 30 lks. wide, course S. 20° E.
	and ascend,
78.00	Cross Road, bears N. & S.
79.92	Intersect W.B. of Sp., 18 lks. North
	of cor. to secs. 1-6-7-12, from which
	corner, Juns N. 89° 52' E., on a true
	line between secs. 6-7.
	Va. 15° ~~15'~~ E.
39.92	Set a Sand Stone, 12 x 9 x 6 ins.,
	9 ins. in the ground, for ¼ Sec. Cor.
	marked ¼ on N. face, dug pits,
	18 x 18 x 12 ins. N. & S. of Stone, 5½ ft.
	dist. and raised a mound of
	earth 1½ ft. high, 3½ ft. base,
79.92	The cor. to secs. 5-6-7-8,
	Land hilly,
	Soil 2nd & 3rd rate,
	Timber, Pine,
	Vegetation, Bunchgrass.

Township 29 N., Range 52 W., 6th P., Meridian.

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

Variation 15° 15' East.

Chains	
	Descend,
40.00	Set temporary ¼ sec. cor.
45.00	Cross Ravine, 60 lks. wide, course S. 20° E.
	and ascend,
70.00	Top of Hill, bears E. & W. & descend,
78.00	Cross Ravine, 20 lks. wide, course S. 10° W.
	and ascend,
79.80	Intersect N.B. of Sp., 27 lks. West
	of cor. to secs. 5-6-31-32, from which
	corner, Juns S. 12' W., on a true line
	between sections 5-6,
	Va. 15° 27' E.
39.80	Set a Sand Stone, 16 x 12 x 9 ins., 11 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,
79.80	The cor. to secs. 5-6-7-8,
	Land hilly,
	Soil 3rd rate,
	Timber, Pine
	Vegetation Bunchgrass.

April 1st, 1882.

GENERAL DESCRIPTION.

The land in this Township consists of mountains & rolling hills, the latter covered with vegetation of Bunchgrass. A considerable portion of the Tp., is valuable for grazing purposes. The soil is 2nd and 3rd rate. The ravines throughout the Tp. are plentifully supplied with Pine timber.

List of Names.

A List of the Names of the individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing Field Notes of the surveys of the exterior lines of Tps 29 N. Rs. 54-55-56 W and Tps 30 N. Rs. 52, 53, 54, 55, 56 & 57 W and the subdivision lines of Tps 29 & 30 N. Rs. 52 53-54-55-56 & 57 W 6th P M

showing the respective capacities in which they acted.

J. H. Skelley, *Chainman.*

K. L. McMann, *Chainman.*

John Billaney, *Axeman.*

J. M. Hayward, *Moundman.*

Final Oath of Assistants.

We hereby certify that we assisted M. F. Reilly Deputy Surveyor, in surveying the Exterior lines of Tps 29 N. Rs 54. 55 + 56 W and Tps 30 N Rs 52. 53-54. 55-56 + 57 W and subdivisions of Tps 29 + 30 N. Rs 52. 53. 54. 55-56 + 57 W 6th P. M

and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

J. H. Skelley
H. L. McMann } Chainman.

J. Billaney, Axeman.

J. M. Hayward, Abandman.

Subscribed and sworn to before me this 6th day of April, 1882.

C. F. Putnam
Notary Public

Final Oath of Deputy.

I, M. F. Reilly,

United States Deputy Surveyor, do solemnly swear, that I have, in my own proper person and with the necessary assistance, well, truly and faithfully executed the surveys of the exterior lines of Tps 29 N. Rs 54. 55 + 56 W and Tps 30 N. Rs. 52. 53. 54. 55. 56 + 57 W and the surveys of the subdivision lines of Tps 29 + 30 N. Rs 52. 53. 54. 55. 56 + 57 W 6th P. M

under my contract with Geo. S. Smith United States Surveyor-General for Iowa and Nebraska bearing date September 22nd, 1881, that in making the said survey I have used only such instruments as were approved by the said Surveyor-General, exercising due care in

the preservation of adjustments of the same; that in using the solar compass I have at no time projected established lines depending for alignment upon the magnetic needle; that I have in all respects complied with the laws of the United States governing public land surveys, the surveying manual, and such additional instructions as have been furnished me by and through the Surveyor-General relating to the aforesaid survey; that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned; that to the best of my knowledge and belief all assistants so employed have likewise obeyed the aforesaid laws and instructions, and that the annexed field-notes are the original, true and correct returns of the said surveys.

M. F. Reilly

U. S. Deputy Surveyor.

Subscribed and sworn to before me this 6th *day of* April, 1882

C. F. Putnam

Notary Public

U. S. Surveyor-General's Office.

Plattsmouth Neb.

August 31st 1882

The foregoing Field Notes of the surveys of

Subdivision lines of Tps. No 29 N. R 52 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

the 22nd September 1881

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

Jas. S. Smith

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

62 T20 R52 W

Preliminary Oath of Assistants.

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

John Billaney

Subscribed and sworn to, before me, this 21st day of October, 1881.

C. H. Putnam
Notary Public

We H. Skelley and H. L. McMann do solemnly swear that we will faithfully execute the duties of Chain carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines; that we will assist in measuring, to the best of our skill and ability.

J. H. Skelley
H. L. McMann

Subscribed and sworn to, before me, this 21st day of October, 1881.

C. H. Putnam
Notary Public

64

I, J. M. Hayward

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

J. M. Hayward

Subscribed and sworn to, before me, this 21st day of October, 1881.

C. H. Putnam

Notary Public

M. F. Reilly Deputy Surveyor.

T. 30 N. R. 52 W.

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 30 N. Range 52 W.

6th Principal Meridian.

BY

M. F. Reilly Deputy Surveyor.

Under his Contract of Sept. 22 1881

Survey Commenced Nov. 15th 1881

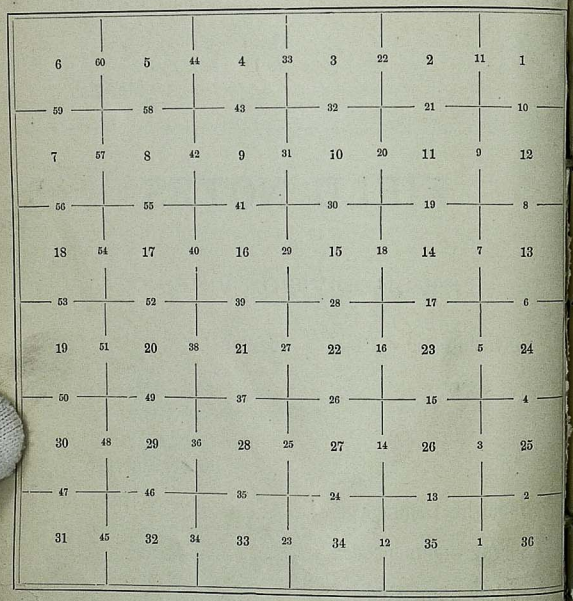
Survey Completed Nov. 21st 1881

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

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

Township 30 N. Range 52 W.

See previous page 6th Principal Meridian.

Which is a post in Earth mound and 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 15° 18' East.
	Descend.
2.21	A Pine 36 in. diam.
4.00	Cross Gulch, 20 lks. wide, Course S. and ascend.
22.00	Top of hill bears E. & W. and descend.
37.00	Cross Gulch, 30 lks. wide, Course N. 60° E. and ascend.
40.00	Set a sand stone 18 x 14 x 12 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. Pits impracticable.
50.00	Top of hill bears E. & W. and descend.
61.00	Cross Gulch, 30 lks. wide, Course N. 60° E. and ascend.
70.00	Top of hill 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. 25-26-35-36 marked T. 30 N. S. 25. on N. E., R. ~~25~~ 52 W., S. 36 on S. E., S. 35 on S. W. and S. 26 on N. W. faces, with 1 notch 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 around post. from which
	A Pine 8 in diam. bears N. 50° E. 120 lks. dist. marked T. 30 N. R. 52 W., S., 25. B. T.
	Land mountainous
	Soil 3rd rate
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 25 and 36. Variation 15° 21' East.
	Descend.
4.00	Cross Gulch, 10 lks. wide, Course S. 50° E. and ascend.
20.00	Top of hill bears N. 30° W. & S. 30° E. and descend.
32.00	Cross Gulch, 12 lks. wide, Course S. 30° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
61.00	Top of hill bears N. 20° E. & S. 20° W. and descend.
79.71	Intersect E. B. of Tp. 9 lks. North of cor. to secs. 30-31-25-36 from which corner, I run N. 89° 56' W. on a true line, between sections 25-36. Variation ~~15~~ 15° 21' East.
39.86	Set a sand stone 16 x 11 x 9 ins., 10 ins. in in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. Pits impracticable.
79.71	The corner to sections 25-26-35-36.
	Land mountainous.
	Soil 3d. rate
	Vegetation Bunchgrass.

Township 30 N. Range 52 W.

5th Principal. Meridian.

Chains	North, between Sections 25 and 26
	Variation 15° 21' East.
	Descend.
3.80	Cross Gulch, 20 lks. wide, Course S. 50° E. and ascend.
40.00	Set a sand stone 16x14x12 ins., 10 ins. in the ground, for 1/4 sec. Cor., marked 1/4 on W. face, and raised a mound of stone. Pits impracticable.
50.00	Top of hill bears E. & W. and descend.
80.00	Set a sand stone 16x11x5 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., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land hilly
	Soil 3d. rate
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

5th Principal. Meridian.

Chains	East, on a random line between Sections 24 and 25.
	Variation 15° 21' East.
	Descend.
15.00	Cross Gulch, 20 lks. wide, Course S. 60° E. and ascend.
24.00	Top of hill bears S. 70° E. & N. 70° W. and descend.
40.00	Set temporary 1/4 sec. cor.
70.00	Cross Gulch, 30 lks. wide, Course South and ascend.
79.88	Intersect E. B. of Tp. 17 lks. South of cor. to secs. 24-25-19-30. from which corner, I run S. 89° 53' W. on a true line, between sections 24-25.
	Variation ~~16~~ 15° 21' East.
39.94	Set a sand stone 16x11x9 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits 18x18x12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base
79.88	The corner to sections 24-25-23-26.
	Land hilly
	Soil 2nd & 3rd rate
	Vegetation Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	North, between Sections 23 and 24. Variation 15° 21' East.
	Descend.
21.00	Cross Gulch, 20 lks. wide, Course S. E. and ascend.
40.00	Set a sand stone 16x14x11 ins., 10 ins. in the the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
60.00	Top of hill bears S. 80° E. & N. 80° W. and descend.
74.00	Cross Gulch 20 lks. wide, Course N. 40° E. and ascend.
80.00	Set a sand stone 14x9x8 ins. 10 ins. in the ground for Cor. to Secs. 13-14-23-24, marked with 3 notches on S. and 1 notch on E. edges, dug pits, 18x18x12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base.
	Land hilly
	Soil 2d. rate
	Timber and vegetation of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 13 and 24. Variation 15° 35' East.
	Descend.
4.00	Cross Gulch, 20 lks. wide, Course N. 20° E. and ascend.
20.00	Top of hill bears N. 20° E. & S. 20° W. and descend.
30.00	Cross Gulch, 14 lks. wide, Course N. 30° W. and ascend.
40.00	Set temporary 1/4 sec. cor.
50.00	Top of hill bears N. & S. and descend.
71.00	Cross Gulch, 20 lks. wide, Course N. 20° W. and ascend.
78.00	Top of hill bears N. & S. and descend.
79.69	Intersect E. B. of Tp. 12 lks. North of cor. to secs. 18-19-13-24 from which corner, I run N. 89° 55' W. on a true line, between sections 13-24 Variation 15° 35' East.
39.85	Set a sand stone 16x14x9 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. Pits impracticable.
79.69	The corner to sections 13-14-23-24.
	Land hilly
	Soil 2d. rate
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 32 W. 6th Principal. Meridian.

Chains	North, between Sections 13 and 14. Variation 15° 35' East.
	Descend.
12.00	Top of hill base E. & W. and descend.
24.00	Cross Gulch, 20 lks. wide, Course N. 85 E. and ascend.
40.00	Set a sand stone 16 x 12 x 11 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 S. of stone 6 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
60.00	Top of hill base N. E. & S. W. and descend.
73.00	Cross Gulch, 30 lks. wide, Course N. E. and ascend.
80.00	Set a post 4 ft. long, 4 ins. square. 12 ins. in the ground, for Cor. to Secs. 11-12-13-14, marked T. 30 N. S. 12. on N. E., R. 32 W. S. 13 on S. E., S. 14 on S. W. and S. 11 on N. W. face, 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 around post.
	Land hilly.
	Soil 2d. rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 32 W. 6th Principal. Meridian.

Chains	East, on a random line between Sections 12 and 13. Variation 15° 40' East.
	Descend.
31.00	Cross Gulch, 20 lks. wide, Course N. E. and ascend.
40.00	Set temporary 1/4 Sec. cor.
79.73	Intersect E. B. of R. 19 lks. North of cor. to secs. 12-13-7-18. from which corner, Pine bears N. 89° 52' W. on a true line between sections 12-13. Variation 15° 40' 55" East.
39.87	Set a sand stone 11 x 6 x 4 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., W. and S. of stone 6 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.73	The corner to sections 11-12-13-14
	Land hilly
	Soil 2d. rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 31 N. Range 52 W. 6th Principal Meridian.

North, between Sections 11 and 12.

Variation 15° 40' East.

Chains	
	Ascend.
8.00	Top of Ridge, bears N. E. & S. W. and descend.
14.00	Cross Gulch 30 lks. wide, course N 25° E and ascend.
17.00	Top of Ridge, bears N. E. & S. W. and descend.
20.00	Enter Creek, course North.
36.00	Leave Creek, 15 lks. wide, course N. E. and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam 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 post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
57.00	Top of Ridge, bears E. & W. and descend.
60.00	Cross low Sag and ascend.
66.00	Top of Ridge, bears E. & W. and descend.
73.00	Cross low Sag and ascend.
79.00	Top of Ridge, 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. 1-2-11-12 marked T. 30 N. S. 1 on N. E, R 52 W. S 12 on S. E., S. 11 on S. W. and S. 2 on N. W. faces, with 5 notches on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.
	Land mountainous.
	Soil 3rd rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian.

East, on a random line between Sections 1 and 12.

Variation 15° 30' East.

Chains	
	Descend.
6.00	Cross Gulch, 30 lks. wide, course North and ascend.
15.00	Top of Ridge, bears N. & S. and descend.
16.80	Cross Road, bears N. W. & S. E.
26.00	Cross Gulch, 30 lks. wide, course N. 25° E. and ascend.
37.00	Top of Ridge, bears N. 10° W. & S. 10° E. and descend.
40.00	Set temporary 1/4 sec. cor. in low Sag and ascend.
46.00	Top of Ridge, bears N. & S. and descend.
63.00	Cross Gulch, 20 lks. wide, course N. 25° E. and ascend.
79.81	Intersect E. B. of Tp. 31 lks. South of cor. to secs. 6-7-1-12 from which corner bears S 89° 47' W. on a true line, between sections 1-12. Variation 15° 30' East.
89-91	Set a round stone 13 x 10 x 8 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
79.81	The cor. to sections 1-2-11-12
	Land mountainous
	Soil 3d. rate
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	North, on a random line between Sections 1 and 2. Variation 15° 30' East.
	Descend.
15.00	Cross Road, bears S. E & N. W.
40.00	Set temporary 1/4 Sec. cor.
79.76	Intersect N. B. of Tp. 16 lks. E. of cor. to secs. 1-2-35-36 from which corner I run S. 7' E. on a true line between Sections 1-2. Variation ~~16~~ 15° 30' East.
39.76	Set a sand stone 16x14x7 ins., 10 ins. in the ground, for 1/4 sec. Cor., marked 1/4 on W. face, dug pits, 18x18x12 ins., E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base.
79.76	The corner to sections 1-2-11-12
	Land rolling.
	Soil 2d & 3d rate.
	Vegetation Bunchgrass

Nov. 15th 1881

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	From the corner to sections 2-3-34-35 which is a post in Earth pits I run ~~North, between Sections 34 and 35.~~ ~~Variation~~ ~~East.~~
	North between Sections 34 & 35: Variation 15° 18' East.
	Descend.
18.70	Cross Gulch, 20 lks. wide, Course S. 80° E. and ascend.
40.00	Set a sand stone 18x12x9 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face dug pits, 18x18x12 ins. E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.00	Set a sand stone 10x9x8 ins. 6 ins. in the ground for Cor. to Secs. 26-27-34-35 marked with 1 notch on S. & 2 notches on E. edges, dug pits 18x18x12 ins. in each Sec. 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 52 W. 5th Principal Meridian.

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

Variation 15° 20' East.

Chains	
	Ascend.
11.50	Top of Spur, bears N. W. & S. E. and descend.
29.00	Cross low Sag and ascend.
34.00	Top of hill bears N. E. & S. W. and descend.
40.00	Set temporary ¼ Sec. cor.
53.00	Enter Pine Timber, bears N. W. & S. E.
55.00	Cross Gulch, 10 lks. wide, course S. 30° W. and ascend.
63.00	Leave timber, bears N. W. & S. E.
70.00	Top of hill bears N. W. & S. E. and descend.
79.73	Intersect N. & S. line, 24 lks South of cor. to Secs. 25-26-35-36 from which corner Pine S. 89° 50' W. on a true line between sections 26-35 Variation 15° 20' East.
39.87	Set a sand stone 11 x 7 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., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.73	The corner to sections 26-27-34-35.
	Land hilly
	Soil 2d. & 3d. rate.
	Timber cut and undergrowth of Pine and Bunchgrass.

Township 31 N. Range 52 W. 5th Principal Meridian. 14

North, between Sections 26 and 27.

Variation 15° 20' East.

Chains	
	Ascend.
13.50	Top of Ridge, bears N. 30° W. & S. 30° E. and descend.
38.00	Cross Gulch, 30 lks. wide, course N. 40° E. and ascend.
40.00	Set a sand stone 12 x 11 x 7 ins., 8 ins. in the ground, for ¼ Sec. cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
	Top of hill bears E. & W. and descend.
47.80	Cross Gulch, 40 lks. wide, course S. 30° E. and ascend.
58.00	Top of Spur, bears E. & W. and descend.
61.00	Cross Gulch, 40 lks. wide, course S. 48° W. and ascend.
80.00	Set a sand stone 13 x 12 x 8 ins., 8 ins. in the ground for Cor. to Secs. 22-23-26-27 marked with 2 notches on S. & 2 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land hilly
	Soil 2d. & 3d. rate.
	Timber cut and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 15° 35' East.
	Ascend.
18.00	Top of Ridge, bears N. W. & S. E. and descend.
30.00	Cross low Sag and ascend.
40.00	Set temporary 1/4 sec. cor.
79.80	Intersect N. & S. line, 19 lks. North of cor. to secs. 23-24-25-26 from which corner, I run N. 89° 52' W. on a true line between Secs. 23-26. Variation 15° 35' East.
39.90	Set a sand stone 16 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, on
	Top of hill bears N. & S. and descend.
79.80	The corner to sections 22-23-26-27.
	Sand hilly.
	Soil 2nd & 3d rate.
	Vegetation Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	North, between Sections 22 and 23. Variation 15° 35' East.
	Ascend.
17.00	Top of hill bears N. 35° W. & S. 35° E. and descend.
27.00	Cross low Sag and ascend.
33.00	Top of Ridge, bears E. & W. and descend.
40.00	Set a sand stone 12 x 10 x 8 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
75.10	Cross Gulch, 10 lks. wide, course N. W. and ascend.
80.00	Set a sand stone 16 x 14 x 12 ins., 12 ins. in the ground, for Cor. to Secs. 14-15-22-23 marked with 3 notches on S. and 2 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Sand hilly
	Soil 2d & 3d rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 15° 45' East.
	Ascend.
1.00	Top of Ridge, bears N.W. & S.E. and descend.
9.00	Cross low Sag and ascend.
13.00	Top of hill bears N.W. & S.E. and descend.
31.50	Cross Gulch, 30 lks. wide, Course N.W. and ascend.
40.00	Set temporary 1/4 sec. cor.
60.00	Top of hill bears N. & S and descend.
79.68	Intersect N. & S. line, 26 lks. South of cor. to secs. 13x14-23-24 from which corner I run S. 89°49' W. on a true line between Secs. 14-23. Variation 15° 45' East.
39.84	Set a sand stone 12x11x9 ins., 8 ins, in the ground, for 1/4 Sec. Cor; marked 1/4 on N. face, dug pits, 18x18x12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high. 3 1/2 ft. base.
79.68	The corner to sections 14-15-22-23.
	Land hilly
	Soil 2d & 3d rate.
	Vegetation Bunchgrass.

Township 30 N. Range 52 W.

6 Principal Meridian.

Chains	North, between Sections 14 and 15. Variation 15° 45' East.
	Ascend.
30.00	Top of hill bears N.W. & S.E. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, dug pits, 18x18x12 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
76.00	Cross Gulch, 30 lks. wide, Course N.W. and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 10-11-14-15 marked T. 30 N. S. 11 on N.E., R. 52 W. S. 14 on S.E. S. 15 on S.W. and S. 10 on N.W. face. with 4 notches on S. and 2 notches on E. edges; dug pits, 18x18x12 ins. in each Sec. 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.
	Land hilly
	Soil 2d & 3d rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.
6th Principal Meridian.

Chains	East, on a random line between Sections 11 and 14. Variation 15° 25' East.
	Ascend.
40.00	Set temporary 1/4 sec. cor.
56.00	Top of hill bears N. & S. and descend.
79.87	Intersect N. & S. line, 20 lks. N. of cor. to secs. 11-12-13-14 from which corner, 3 trees N. 89° 37' W. on a true line between secs. 11-14 Variation 15° 25' East.
39.94	Set a sand stone 12×12×9 ins., 8 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.
79.87	The corner to Sections 10-11-14-15. Land hilly Soil 2nd & 3d. rate Vegetation Bunchgrass.

Township 30 N. Range 52 W.
6th Principal Meridian.

Chains	North, between Sections 10 and 11. Variation 15° 25' East.
	Descend.
40.00	Set a sand stone 18×14×9 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. Pits impracticable.
44.00	Coose Gulch, 30 lks. wide, course N. 20 E and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 2-3-10-11 marked T. 30 N. S. 2. on N. E., R. 52 W. S. 11 on S. E., S. 10 on S. W. and S. 3 on N. W. face, with 5 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 around post. Land hilly Soil 2nd & 3d rate Vegetation Bunchgrass.

Township 30 N. Range 32 W. 6th Principal Meridian.

Chains	East, on a random line between Sections 2 and 11. Variation 15° 30' East.
	Ascend.
10.00	Top of hill bears N. & S. and descend.
16.00	Cross Loo Creek and ascend.
24.00	Top of hill bears N. & S. and descend.
32.00	Cross loo Creek and ascend.
40.00	Set temporary ¼ sec. cor.
45.00	Top of hill bears N. & S. and descend.
63.00	Cross Gulch, 30 lks. wide, course N. E. and ascend.
77.00	Top of Ridge, bears N. & S. and descend.
80.12	Intersect N. & S. line, 17 lks. North of cor. to secs. 1-2-11-12 from which corner, I run N. 89° 30' W. on a true line between Secs. 2-11. Variation 15° 30' East.
40.06	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 3½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
80.12	The corner to sections 2-3-10-11
	Land hilly
	Soil 2d & 3d rate.
	Vegetation Bunchgrass.

Township 30 N. Range 32 W. 6th Principal Meridian.

Chains	North, on a random line between Sections 2 and 3. Variation 15° 30' East.
	Ascend.
10.00	Top of Ridge, bears E. & W. and descend.
26.00	Cross Gulch, 25 lks. wide, course West and ascend.
33.00	Top of Ridge, bears E. & W. and descend.
40.00	Set temporary ¼ Sec. cor. ins loo Creek and ascend.
50.00	Top of hill bears E. & W. and descend.
79.84	Intersect N. B. of Tp. 36 lks. East of cor. to secs. 2-3-34-35 from which corner, I run S. 15' E. on a true line between Sections 2-3. Variation 15° 30' East.
39.84	Set a sand stone 20 x 10 x 6 ins., 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., S. and W. of stone 3½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.84	The corner to Sections 2-3-10-11.
	Land mountainous.
	Soil 3d rate
	Vegetation Bunchgrass.

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

Nov. 18th 1881

Township 30 N. Range 52 W.
6th Principal Meridian.

Chains	
	From the corner to sections 3-4-33-34 which is a post in a mound of earth with pits & run North, between Sections ~~33 and 34~~. Variation ~~East.~~
	North between sections 33-34 Variation 18° 45' East.
	Descend.
23.00	Cross Gulch, 45 lks. wide, course S. ~~E.~~ E. and ascend.
40.00	Set a sand stone 10 x 5 x 5 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
59.00	Top of Ridge, brass S. & W. and descend.
74.00	Cross Gulch, 30 lks. wide, course East and ascend.
80.00	Set a sand stone 10 x 8 x 7 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 ft. base. Sand mountainous Soil 3d. sale. Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.
6th Principal Meridian.

Chains	
	East, on a random line between Sections 27 and 34. Variation 15° 24' East.
	Descend.
9.70	Cross Gulch, 35 lks. wide, course S. E. and ascend.
14.00	Top of Ridge, brass S. E. & N. W. and descend.
19.00	Cross Gulch 60 lks. wide, course S. 20° E. and ascend.
35.00	Top of Ridge, brass S. E. & N. W. and descend.
40.00	Set temporary 1/4 Sec. Cor.
45.00	Cross Gulch, 30 lks. wide, course South and ascend.
80.26	Intersect N. & S. line, 29 lks South of cor. to secs. 26-27-34-35, from which a pine 8 ins. diam. bears S. 89° E. 8 lks. and a pine bears N. 89° W. 8 lks. Variation 18° 24' East.
40.13	Set a sand stone 10 x 7 x 5 ins., 6 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., W. and E. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base.
80.26	The corner to sections 27-28-33-34. Land mountainous Soil 3d. sale. Timber and undergrowth of Pine and Bunchgrass

Township 30 N. Range 52 W. 6th Principal Meridian.

Chains	North, between Sections 27 and 28. Variation 15° 24' East.
	Ascend.
2.00	Top of Ridge, bears S. & N. W. and descend.
6.70	Cross Gulch, 30 lks. wide, course S. 45° E. and ascend.
21.00	Top of Ridge, bears S. 40° E. & N. 40° W. and descend.
38.00	Cross low Sag and ascend.
40.00	Set a sand stone 18 x 10 x 6 ins., 12 ins. in the ground, for ¼ Sec. cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
66.00	Top of Ridge, bears S. 30° E. & N. 30° W. and descend.
79.00	Cross Gulch, 30 lks. wide, course S. 30° E. and ascend.
80.00	Set a sand stone 14 x 10 x 8 ins., 10 ins. in the ground for Cor. to Secs. 21-22-27-28 marked with 2 notches on S. and 3 notches on E. edges and raised a mound of stone. Pits impracticable. Land mountainous. Soil 3d. rate. Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian.

Chains	East, on a random line between Sections 22 and 27. Variation 15° 27' East.
	Descend.
4.00	Cross Gulch, 35 lks. wide, course S. and ascend.
40.00	Set temporary ¼ sec. cor. only
	Top of Ridge, bears S. W. & N. E. and descend.
46.00	Cross Gulch, 30 lks. wide, course S. W. and ascend.
79.71	Intersect N. & S. line, 38 lks. South of cor. to Secs. 22-23-26-27 from which corner, I run S. 89° 44' W. on a true line between Sections 22-27 Variation 15° ~~25'~~ 27' East.
39.86	Set a sand stone 14 x 10 x 8 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.71	The corner to Sections 21-22-27-28. Land mountainous. Soil 3d. rate. Timber and undergrowth of Pine and Bunchgrass.

Township 29 N. Range 32 W. 6th Principal Meridian.

North, between Sections 21 and 22.

Variation 13° 27' East.

Chains	
	Ascend.
14.00	Top of Ridge, bears E. & W. and descend.
28.00	Cross Gulch, 28 lks. wide, Course S. 40° E. and ascend.
40.00	Set a sand stone 14 x 10 x 6 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stones. Pits impracticable.
44.50	Top of hill bears E. & W. and descend.
55.00	Cross bad Sag and ascend.
74.00	Top of Ridge, bears E. & W. and descend.
80.00	Set a sand stone 10 x 8 x 6 ins. 6 ins. in the ground for Cor. to Secs. 15-16-21-22 marked with 3 notches on S. and 3 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. distt, and raised a mound of earth 2 ft. high 4 1/2 ft. base.
	Land mountainous
	Soil 3d. rate
	Timber and undergrowth of Pine and Bunchgrass

Township 30 N. Range 32 W. 6th Principal Meridian.

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

Variation 13° 30' East.

Chains	
	Descend.
13.80	Cross Gulch, 10 lks. wide, Course N. and ascend.
20.00	Top of hill bears N. & S. and descend.
31.00	Level Flat bears N. and S.
40.00	Set temporary 1/4 sec. cor.
43.00	Leave Flat bears N. & S. and ascend.
62.50	Top of Spur, bears N. & S. and descend.
75.50	Cross Gulch, 40 lks. wide, Course N. 71° E. ascend.
79.81	Intersect N. & S. line, 29 lks. South of Cor. to secs. 14-15-22-23. from which corner, I run S. 89° 48' W. on a true line between Secs. 15-22. Variation 15° 30' East.
39.91	Set a sand stone 16 x 11 x 9 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 8 x 18 x 12 ins., N. and S. of Stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base.
79.81	The corner to sections 15-16-21-22.
	Land hilly
	Soil 2nd & 3d. rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian.

Chains	North, between Sections 15 and 16. Variation 15° 30' East.
	Descend.
40.00	Set a sand stone 9 x 6 x 6 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, drew pits, 18 x 18 x 12 ins., S. and W. of stone 3½ ft. dist., and raised a mound of earth 12 ft. high. 3½ ft. base.
	in a gulch, 10 lks. wide, course N. W. and ascend.
46.00	Top of Bridge, bears N. W. & S. E. and descend.
58.00	cross Gulch, 50 lks. wide, course N. W. and ascend.
80.00	Set a sand stone 12 x 10 x 6 ins., 8 ins. in the ground for Cor. to Secs. 9-10-15-16 marked with 4 notches on S. and 3 notches on E. edges, drew pits 18 x 18 x 12 ins. in each Sec., 3½ ft. dist., and raised a mound of earth 2 ft. high. 4½ ft. base on Top of hill bears E. & W.
	Land mountainous
	Soil 3d. rate
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian. 30

Chains	East, on a random line between Sections 10 and 15. Variation 15° 35' East.
	Ascend.
37.00	Top of hill bears N. W. & S. E. and descend.
40.00	Set temporary ¼ sec. cor.
80.14	Intersect N. & S. line, 7 lks. North of cor. to secs. 10-11-14-15, from which corner, Pine N. 89° 37' W. on a true line between Sec. 10-15, Variation 15° 35' East.
40.87	Set a post 3 ft. long, 8 ins. diam. 12 ins. in the ground for ¼ Sec. Cor., marked ¼ S. on N. face, drew pits, 18 x 18 x 12 ins., N. and S. of post 3½ ft. dist., and raised a mound of earth 12 ft. high, 3½ ft. base around post.
80.14	The corner to sections 9-10-15-16.
	Land hilly
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 52 W.

6th Principal. Meridian.

Chains	North, between Sections 9 and 10. Variation 15° 35' East.
	Descend.
13.00	Cross Gulch, 30 lks. wide, Course N. E. and ascend.
16.00	Top of Ridge, bears E. & W. and descend.
18.00	Cross low Sag and ascend.
28.00	Top of hill bears E. & W. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, dug pits, 18x18x12 ins., E. & W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
42.30	Cross Gulch, 30 lks. wide, Course East and ascend.
47.00	Top of Ridge, bears E. & W. and descend.
52.00	Cross Gulch, 20 lks. wide, Course East and ascend.
80.00	Set a post 4 ft. long, 4 ins. square. 12 ins. in the ground, for Cor., to Secs. 3-4-9-10. marked T. 30 N. S. 3 on N. E. 15 52 W. S. 10 on S. E., S 9 on S. W. and S. 4 on N. W. face, with 5 notches on S. and 3 notches on E. edges; dug pits, 18x18x12 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. Land mountainous Soil 3d. rate. Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal. Meridian.

Chains	East, on a random line between Sections 3 and 10. Variation 15° 40' East.
	Descend.
10.46	Cross Brook, 10 lks. wide, Course N. 20° W. and ascend.
40.00	Set temporary 1/4 sec. cor.
55.40	Top of hill bears N. & S. and descend.
72.35	Cross Gulch, 50 lks. wide, Course North and ascend.
80.29	Intersect N. & S. line, 28 lks. South of cor. to secs. 2-3-10-11 from which corner, I run S. 89° 48' W. on a true line between sections 3-10. Variation 15° 40' East.
40.15	Set a sand stone 10x8x6 ins., 6 ins. in the ground, for 1/4 sec. Cor., marked 1/4 on N. face and raised a mound of stone. Pits impracticable.
80.29	The corner to sections 3-4-9-10 Land hilly Soil 2d. & 3d. rate. Vegetation Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	North, on a random line between Sections 3 and 4. Variation 15° 40' East.
	Ascend.
10.00	Top of hill bears E. & W. and descend.
12.25	Cross Brook, 11 lks. wide, Course N. 25° W. and ascend.
18.00	Top of Ridge, bears E. & W. and descend.
22.50	Cross Brook, 12 lks. wide, Course North and ascend.
29.00	Top of Spur, bears N. W. & S. E. and descend.
32.00	Cross Gulch, 20 lks. wide, Course N. W. and ascend.
40.00	Set temporary 1/4 sec. cor.
48.00	Top of hill bears E. & W. and descend.
55.00	Cross low Sag and ascend.
79.64	Intersect N. B. of Tp. 29 lks. East of cor. to secs. 3-4-33-34. from which corner, I run S. 12' E. on a true line, between sections 3-4. Variation 15° 40' East.
39.~~62~~ 64	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, dug pits, 18x18x12 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
79.64	The corner to sections 3-4-9-10
	Land hilly
	Soil 2 d. rate.
	Timber and undergrowth of Pine and Bunchgrass.

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Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	From the corner to sections 4-5-32-33 which is a post ~~North, between Sections 32 and 33.~~ ~~Variation~~ ~~East.~~
	North between sections 32 & 33. Variation 15° 27' East.
	Descend.
2.00	Cross low Sag and ascend.
28.00	Top of Ridge, bears S. E. & N. W. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, dug pits, 18x18x12 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
53.80	Cross Gulch, 30 lks. wide, Course N. 40° W. and ascend.
58.00	Top of Ridge, bears N. E. & S. W. and descend.
63.80	Cross Gulch, 35 lks. wide, Course N. 45° W. and ascend.
77.00	Top of Ridge, bears N. 70° W. & S. 70° E. and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 28-29-32-33. marked T. 30 N. S. 28 on N. E., R. 52 W., S. 33 on S. E., S. 32 on S. W. and S. 29 on N. W. face, with 1 notch on S. and 4 notches on E. edges; dug pits, 18x18x12 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.
	Land mountainous
	Soil 3 d. rate.
	Timber and undergrowth of Pine & Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33. Variation 15° 21' East.
	Descend.
10.00	Cross Gulch, 30 lks. wide, Course N. and ascend.
32.00	Top of Ridge, bears N. 20° W. & S. 20° E. and descend
40.00	Set temporary ¼ sec. cor.
57.00	Cross Gulch, 20 lks. wide, Course N. 30° W. and ascend.
70.00	Top of hill bears N. & S. and descend.
79.83	Intersect N. & S. line, 10 lks. North of cor. to secs 27-28-33-34 from which corner bears N. 89° 30' W. on a true line between sections 28-33. Variation 15° 21' East.
39.92	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, and raised a mound of stone 1½ ft. high, 3½ ft. base around post. Pits impracticable
79.83	The corner to sections 28-29-32-33. Land mountainous Soil 3d rate. Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian. 36

Chains	North, between Sections 28 and 29. Variation 15° 21' East.
	Descend.
12.00	Cross Gulch, 18 lks. wide, Course N. W. and ascend.
28.50	Top of Ridge, bears N. 50° W. & S. 50° E. and descend.
31.50	Cross Gulch, 30 lks. wide, Course N. 50° W. and ascend
39.00	A Pine 20 ins. diam.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, drig pits, 18x18x12 ins. S. & W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post. from which A Pine 16 ins. diam. bears S. 30° W. 4 lks. dist.
42.00	Top of Ridge, bears E. & W. and descend.
66.00	Cross Cañon, 50 lks. wide, Course W. and ascend.
77.00	Top of Ridge, bears E. & W. and descend.
80.00	Set a post 7 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 20-21-28-29. marked T. 30 N. R. 21. on N. E., R. 52 W., S. 28 on S. E., S. 28 on S. W. and S. 20 on N. W. faces, with 2 notches on S. & 4 notches on E. edges; drig pits, 18x18x12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base around post. Land mountainous Soil 3d rate Timber and undergrowth of Pine & Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian.

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

Variation 15° 35' East.

Chains	
	Ascend.
21.00	Top of Ridge, bears N. & S. and descend.
29.40	Cross Gulch, 20 lks. wide, Course N. 30° W. and ascend.
40.00	Set temporary 1/4 Sec. cor.
43.60	Top of Ridge, bears N. 30° W. & S. 30° E. and descend.
49.00	Cross Cañon, 50 lks. wide, Course N. and ascend.
72.00	Top of hill bears N. & S. and descend.
80.11	Intersect N. & S. line, 18 lks. North of cor. to secs. 21-22-27-28 from which corner, I run N. 89° 53' W. on a base line between sections 21-28. Variation 15° 35' East.
40.06	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base around post. Pits impracticable
80.11	The corner to sections 20-21-28-29
	Sand mountainous
	Soil 3d. rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian.

North, between Sections 20 and 21.

Variation 15° 35' East.

Chains	
	Descend.
21.30	Cross Gulch, 10 lks. wide, Course N. W. and ascend.
27.00	Top of hill bears N. W. & S. E. and descend.
28.30	Cross Cañon, 40 lks. wide, Course W. and ascend.
32.00	Top of Ridge, bears S. & W. and descend.
39.50	Cross Gulch, 30 lks. wide, Course S. W. and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18 x 18 x 12 ins. N. & S. of post 3 1/2 ft. dist., and raised a mound of earth 1/2 ft. high, 3 1/2 ft. base around post.
61.00	Top of hill 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. 16-17-20-21 marked T. 30 N. S. 16. on N. E., R. 52 W. S. 21 on S. E. & S. 20 on S. W. and S. 17 on N. W. face, with 3 notches on S. and 4 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 3 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.
	Sand mountainous
	Soil 3d. rate
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian.

Chains	East, on a random line between Sections 16 and 21. Variation 15°27' East.
	Descend.
20.00	Cross Gulch, 20 lks. wide, Course N. 70° W. and ascend.
40.00	Set temporary ¼ Sec. cor.
60.00	Top of hill bears N. & S. and descend.
79.81	Intersect N. & S. line, 11 lks. North of cor. to secs. 15-16-21-22 from which cor. I run N. 89°35' W. on a true line between sections 16-21 Variation 15°27' East.
39.91	Set a sand stone 11 x 9 x 6 ins., 8 ins. in the ground, for ¼ Sec. cor., marked ¼ on N. face, and raised a mound of stone Pits impracticable.
79.81	The corner to sections 16-17-20-21.
	Land mountainous.
	Soil 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian. 40

Chains	North, between Sections 16 and 17. Variation 15°27' East.
	Descend.
2.30	Cross Canyon, 30 lks. wide, course W. and ascend.
16.00	Top of hill bears E. & W. and descend.
26.00	Cross Canyon, 50 lks. wide, courses S. 70° W. and ascend.
36.00	Top of Ridge, bears N. & S. W. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post, no cor. Sag to ascend.
55.00	Top of Ridge, bears E. W. and descend.
73.00	Cross low Sag and ascend.
77.00	Top of hill bears E. & W. and descend.
80.00	Set a sand stone 21 x 18 x 12 ins. 15 ins. in the ground for cor. to Secs. 8-9-16-17 marked with 4 notches on E. 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 2½ ft. base.
	Land mountainous.
	Soil 3d rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16. Variation 15° 20' East.
	Descend.
6.00	Cross Canon, 50 lks. wide, Course N. and ascend.
15.00	Top of Ridge, bears N. & S. and descend
23.00	Cross Canon, 40 lks. wide, Course N. W. and ascend.
37.00	Top of Ridge, bears N. W. & S. E. and descend.
40.00	Set temporary 1/4 sec. cor.
43.00	Cross Canon, 40 lks. wide, Course N. W. and ascend.
68.00	Top of hill bears N. W. & S. E. and descend.
79.68	Intersect N. & S. line, 33 lks. S. of cor. to secs. 9-10-15-16 from which corner, I run S 89°45' W. on a true line between Secs. 9-16 Variation 15° ~~35~~ 20' East.
39.84	Set a post 3 ft. long, 3 ins. diam 12 ins in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18x18x12 ins., N. and S. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
79.68	The corner to sections 8-9-16-17
	Land mountainous
	Soil 3d. rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	North, between Sections 8 and 9. Variation 15° 20' East.
	Descend.
5.00	Cross low Sag and ascend.
7.00	Top of hill bears N. W. and S. E. and descend.
8.50	Cross Gulch 30 lks. wide, Course S. E. and ascend.
11.50	Top of hill bears S. E. & N. W. and descend.
17.50	Cross low Sag and ascend.
20.00	Top of hill bears E. & W. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, dug pits 18x18x12 ins. E. & W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
44.00	Cross Gulch, 20 lks. wide, Course N. W. and ascend.
59.00	Top of hill bears N. W. & S. E. and descend.
80.00	Set a post 4 ft. long, 4 ins. square. 12 ins. in the ground, for Cor. to Secs. 4-5-8-9. marked T. 30 N. S. 4 on N. E., R. 52 W., S. 9 on S. E., S 8 on S. W. and S. 5 on N. W. face, with 5 notches on S. and 4 notches on E. edges; dug pits, 18x18x12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.
	Land hilly
	Soil 3rd. rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation 15° 50' East.
	Descend.
15.00	Cross Gulch, 20 lks. wide, Course N. W. and ascend.
30.00	Top of Ridge, bears N. 30° W. & S. 30° E. and descend.
34.00	Cross Gulch, 20 lks. wide, Course N. E. and ascend.
39.00	Top of Ridge, bears N. & S. and descend.
40.00	Set temporary 1/4 sec. cor.
48.00	Cross Gulch, 30 lks. wide, Course N. and ascend.
79.90	Intersect N. & S. line, 24 lks. North of Cor. to secs. 3-4-9-10 from which corner, I run N. 89° 50' W. on a true line between Secs. 4-9 Variation 15° 50' East.
39.95	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, and raised a mound of stone 1/2 ft. high, 8 1/2 ft. base around post. Pits impracticable.
79.90	The corner to Sections 4-5-8-9.
	Sand mountainous
	Soil 3d. rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W. 6th Principal Meridian.

Chains	North, on a random line between Sections 4 and 5. Variation 15° 50' East.
	Descend.
40.00	Set temporary 1/4 sec. cor.
48.00	Cross Gulch, 60 lks. wide, Course East and ascend.
55.00	Top of Ridge, bears S. & W. and descend.
79.72	Intersect N. B. of Pr. 15 lks. East of cor. to secs. 4-5-32-33 from which corner, I run S. & W. on a true line, between secs. 4-5: Variation 15° 50' East.
39.72	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, Hug pits, 18 x 18 x 12 ins., S. & W. of post 6 1/2 ft. dist., and banked a mound of earth 1/2 ft. high, 8 1/2 ft. base around post.
79.72	The corner to Sections 4-5-8-9.
	Sand mountainous
	Soil 3d. rate.
	Timber and undergrowth of Pine and Bunchgrass.
	Nov. 18th 1881

Township 30 N. Range 32 W. 6th Principal Meridian.

Chains — North, between Sections 31 and 32. Variation 15° 27' East.

Chains	
	Ascend.
2.00	Top of hill bears E. & W. and descend.
12.00	Cross Gulch, 20 lks. wide, Course W. and ascend.
17.00	Top of hill bears N. W. & S. E. and descend
39.38	Cross Gulch, 30 lks. wide, Course S. 18° W. and ascend
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, dug pits, 18×18×12 ins., E. & W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
57.00	Top of Ridge, bears N. 30° W. & S. 30° E. and descend
68.00	Cross Low Sag. and ascend.
72.00	Top of Spur, bears E. & W. and descend.
76.10	Cross Gulch, 20 lks. wide, Course S. 15° E. and ascend
80.00	Set a post 4 ft. long, 4 ins. square. 12 ins. in the Ground, for Cor. to Secs 29-30-31-32 marked T. 30 N. S. 29. on N. E., R. 32 W., S. 32 on S. E., S. 31 on S. W. and S. 30 on N. W. face, with notch on E. and S. 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. Land mountainous. Soil 3d. rate. Timber & undergrowth of Pine & Bunchgrass.

Township 30 N. Range 32 W. 6th Principal Meridian.

Chains — East, on a random line between Sections 29 and 32. Variation 15° 27' East.

Chains	
	Ascend.
2.00	Top of Spur, bears N. & S. and descend.
7.48	Cross Gulch, 20 lks. wide, Course S. 15° W. and ascend.
17.00	Top of Ridge, bears N. 55° W. & S. 55° E. and descend.
29.48	Cross Gulch, 24 lks. wide, Course N. 55° W. and ascend.
35.00	Top of Ridge, bears N. 55° W. & S. 55° E. and descend.
40.00	Set temporary 1/4 sec. cor.
58.10	Cross Gulch, 30 lks. wide, Course N. 78° W. and ascend.
76.00	Top of Ridge, bears N. W. & S. E. and descend
80.18	Intersect N. & S. line, 31 lks. South of cor. to secs. 28-29-32-33, from which corner, a tree S. 89° 47' W. on a true line between Sections 29-32. Variation 15° 27' East.
40.08	Set a cored stone 18×9×4 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18×18×12 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.
80.18	The corner to Sections 29-30-31-32. Land mountainous. Soil 3d. rate. Timber and undergrowth of Pine and Bunchgrass

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	West, on a random line between Sections 30 and 31. Variation 15° 27' East.
	Descend.
7.00	Cross Gulch, 15 lks. wide, Course N. 20° W. and S. 20° E. and ascend.
13.50	Top of Ridge, bears N. W. & S. E. and descend.
19.47	Cross Gulch, 15 lks. wide, Course N. 20° E. and ascend.
40.00	Set temporary 1/4 sec. cor.
54.50	Top of Ridge, bears N. E. & S. W. and descend.
68.10	Cross Gulch, 10 lks. wide, Course N. 15° E. and ascend.
71.00	Top of hill, bears N. & S. and descend.
79.61	Intersect W. B. of Tp. 6 lks. south of cor. to secs. 30-31-25-36 from which corner I run S. 89° 57' E. on a true line, between sections 30-31. Variation 15° 27' East.
39.61	Set a sand stone 11 x 9 x 8 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, dug pits, 18 x 18 x 12 ins. N. & S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base.
79.61	The corner to sections 29-30-31-32.
	Land mountainous
	Soil 3 d. rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	North, between Sections 29 and 30. Variation 15° 27' East.
	Ascend.
7.50	Top of Ridge, bears N. W. & S. E. and descend.
14.12	Cross Gulch, 30 lks. wide, Course N. 80° W. and ascend.
39.60	Top of Ridge, bears N. W. & S. E. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. cor., marked 1/4 S. on W. face dug pits, 18 x 18 x 12 ins., E. & W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post from which A Pine 6 in. diam. S. 2 1/2° W. 30 lks. dist. marked 1/4 S. B. T. A Pine 8 in. diam. N. 55° E. 36 lks. dist., marked 1/4 S. B. T.
40.76	Cross Gulch, 30 lks. wide, Course N. 80° W. and ascend.
56.00	Top of Ridge, bears N. 30° W. & S. 30° E. and descend.
79.80	Cross Gulch, 40 lks. wide, Course N. 30° W. and ascend.
80.00	Set a post 4 ft. long, 4 ins. square. 12 ins. in the ground, for Cor. to Secs. 19-20-29-30 marked T. 30 N. S. 20 on N. E., R. 52 W., S. 29 on S. E., S. 30 on S. W. & S. 19 on N. W. faces 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 around post. from which A Pine 4 ins. diam. bears N. 85° W. 10 lks. dist. marked T. 30 N. R. 52 W., S., 19 B. T. A Pine 6 in. diam. bears S. 10° E. 20 lks. dist. marked T. 30 N. R. 52 W., S., 29 B. T.
	Land mountainous
	Soil 3 d. rate
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15° 40' East.
	Ascend.
6.00	Top of Ridge, bears N. 30° W. & S. 30° E. and descend.
15.50	Cross low Sag and ascend.
33.50	Top of Ridge, bears N. 40° W. & S. 40° E. and descend.
35.20	Cross Gulch, 30 lks. wide, Course N. 40° W. and ascend.
40.00	Set temporary 1/4 Sec. cor.
42.00	Top of Ridge, bears N. W. & S. E. and descend.
54.30	Cross Gulch, 20 lks. wide, Course N. W. and ascend.
79.72	Intersect N. & S. line 22 lks. South of cor. to secs. 20-21-28-29 from which corner, I run S 89° 51' W. on a true line between sections 20-29. Variation 15° ~~35~~ 40' East.
39.86	Set a post 3 ft. long, 3 ins. diam., 12 ins in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18x18x12 ins., N. & S. of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
79.72	The corner to sections 19-20-29-30.
	Land mountainous.
	Soil 3 d. rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15° 40' East.
	Descend.
1.56	Cross Gulch, 10 lks. wide, Course N. 45° W. and ascend.
20.00	Top of Ridge, bears N. W. & S. E. and descend.
40.00	Set temporary 1/4 Sec. cor.
41.20	Cross Gulch, 7 lks. wide, Course N. 15° W. and ascend.
55.00	Top of Ridge, bears N. W. & S. E. and descend.
64.60	Cross Gulch, 15 lks. wide, Course N. 25° W. and ascend.
75.50	Top of hill bears N. & S. and descend.
79.80	Cross Gulch, 10 lks. wide, Course N. and ascend.
79.87	Intersect W. B. of Tp. 18 lks. North of cor. to secs. 24-25-19-30. from which corner I run N. 89° 52' E. on a true line between sections 19-30. Variation 15° 40' East.
39.~~94~~ 87	Set a post 3 ft. long. 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18x18x12 ins., N. & S. of post. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
79.87	The corner to sections 19-20-29-30.
	Land mountainous
	Soil 3 d. rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	North, between Sections 19 and 20. Variation 15° 40 East.
	Ascend.
5.50	Top of Spur, bears N.W. & S.E. and descend.
28.80	Cross Gulch, 60 lks. wide, Course N.E. and ascend.
31.00	Top of Spur, bears N.E. & S.W. and descend.
34.00	Enter Flat N.W. & S.E.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, dug pits, 18x18x12 ins., E. & W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
43.61	Cross Brook, 6 lks. wide, Course West
45.50	Leave Flat bears E. & W. and ascend;
49.00	Top of Spur, bears N.E. & S.W. and descend.
55.00	Cross Gulch, 40 lks. wide, Course S.E. and ascend.
74.00	Top of Ridge, 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
11.50	T. 30 N. S. 17. on N.E., R. 52 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, 18x18x12 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.
	Land mountainous, 68.50 Chs. Balance ~~except in~~ flat.
	Soil 3d. rate.
	Timber and undergrowth of Pine, Elm, Box Elder, Cottonwood Willows and Plum.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15° 35' East.
	Descend.
1.56	Cross Gulch, 10 lks. wide, Course N.W. and ascend.
20.00	Top of Ridge, bears N.W. & S.E. and descend.
40.00	Set temporary 1/4 sec. cor.
41.20	Cross Gulch, 20 lks. wide, Course N. 15° W. and ascend.
55.00	Top of Ridge, bears N.W. & S.E. and descend.
67.70	Cross Gulch, 30 lks. wide, Course N. 25° W. and ascend.
75.50	Top of Hill bears N. 10° W. S. 10° E. and descend.
78.00	Cross Gulch, 30 lks. wide, Course N. 10° E. and ascend.
79.60	Intersect N. & S. line, 7 lks. South of cor. to secs. 16-17-20-21 from which corner, I run S 89° 57' W. on a true line between Sections 17-20 Variation 15° 35' East.
39.80	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18x18x12 ins., N. & S. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
79.60	The corner to sections 17-18-19-20
	Land mountainous
	Soil 3d. rate
	Timber and undergrowth of Pine, Elm, Box Elder, Cottonwood, Willows and Plum.

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	West, on a random line between Sections 18 and 19. Variation 15° 35' East.
	Ascend.
3.50	Top of Spur, bears N. & S. and descend.
4.56	Cross Gulch, 6 lks. wide, Course North and ascend.
26.51	Top of Ridge, bears N.W. & S.E. and descend.
38.40	Cross Creek, 10 lks. wide, Course N. 10° W. and ascend.
40.00	Set temporary ¼ sec. cor.
61.00	Top of hill bears N. & S. and descend.
75.00	Cross Gulch, 20 lks. wide, Course N. and ascend.
79.74	Intersect W. B. of Tp. 31 lks. North of cor. to secs. 18-19-13-24 from which corner, I run N. 89° 47' E on a true line, between sections 18-19. Variation 15° 35' East.
39.~~87~~ 74	Set a sand stone 14 x 12 x 9 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18x18x12 ins., N. & S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high 3½ ft. base.
79.74	The corner to sections 17-18-19-20
	Land mountainous
	Soil 3d. rate.
	Timber and undergrowth of Pine and Bunchgrass.
	I carefully examined the adjustments of my solar compass to day, particularly the latitude and reversing apparatus, and found them correct. Nov. 19th 1881

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	North, between Sections 17 and 18. Variation 15° 35' East.
	Descend.
11.56	Cross Gulch, 30 lks. wide, Course N. 45° W. and ascend.
19.00	Top of Spur, bears E. & W. and descend.
24.60	Cross Gulch, 10 lks. wide, Course S. 56° W. and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18x18x12 ins., E. & W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
70.00	Top of hill bears N. E. & S. W. and descend.
80.00	A Pine 24 ins. diam., which I marked T. 30 N. S. 8 on N. E. R. 52 W. S. 17 on S. E. S. 18 on S. W. and S. 7 on N. W. faces, with 4 notches on S. and 5 notches on W. edges, dug pits, 18x18x12 ins. in each sec. 5½ ft. dist., and raised a mound of earth around tree, for Cor. to Secs. 7-8-17-18 from which A Pine 24 ins. diam. bears S. 40° E. 20 lks. dist., marked T. 30 N R. 52 W. S., 17 B. T.
	Land mountainous
	Soil 3d. rate
	Timber and undergrowth of Pine and Bunchgrass

Township 30 N. Range 52 W.

6th Principal Meridian.

Chains	East, on a random line between Sections 8 and 17. Variation 15° 30' East.
	Ascend.
23.00	Top of hill bears N. 20° W. S. 20° E. and descend.
40.00	Set temporary 1/4 sec. cor.
46.00	Cross Gulch, 20 lks. wide, Course N. and Ascend.
59.00	Top of Ridge, bears N 30° W. & S. 30° E. and descend.
68.00	Cross Gulch, 20 lks. wide, Course N. 20° W. and ascend.
70.00	Top of hill bears N. W. & S. E. and descend
79.84	Intersect N. & S. line, 28 lks North of cor. to secs. 8-9-16-17 from which corner, I run N. 89° 48' W. on a true line between sections 8-17. Variation 15° ~~20'~~ 30' East.
39.92	Set a sand stone 18×11×6 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.
79.84	The corner to sections 7-8-17-18.
	Land mountainous
	Soil 3d. rate.
	Timber and undergrowth of Pine and Bunchgrass

Township 30 N. Range 52 W.

6th Principal. Meridian.

Chains	West, on a random line between Sections 7 and 18. Variation 15° 30' East.
	Descend.
1.00	Cross Gulch, 20 lks. wide, Course S. 20° W. and ascend
21.00	Top of hill bears N. & S. and descend.
40.00	Set temporary 1/4 sec. cor.
46.12	Cross Creek, 10 lks wide, Course N. and ascend.
63.70	Cross Road, bears, N. 30° E. & S 30° W.
65.00	Top of Spur, bears N. & S. and descend.
71.30	Cross Gulch, 30 lks. wide, Course N. 30° E. and ascend.
78.00	Top of hill bears N. E. & S. W. and descend.
79.64	Intersect W. B. of Tp. 20 lks. South of cor. to secs. 12-13-7-18 from which corner, I run S. 89° 51' E. on a true line between sections 7-18. Variation 15° 30' East.
39.64	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18×18×12 ins., N. & S. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.
79.64	The corner to sections 7-8-17-18.
	Land mountainous
	Soil 3d. rate.
	Timber and undergrowth of Pine and Bunchgrass.

Township 30 N. Range 52 W.
6th Principal Meridian.

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

Chains	
	Descend.
20	Cross Gulch, 3 lks. wide, course S. 20° W. ascend
30.00	Top of hill bears N. 80° W. & S. 80° E. and descend.
40.00	Set a sand stone 14 x 12 x 7 ins., 10 ins. in the ground, for 1/4 Sec. cor., marked 1/4 on W. face, and raised a mound of stone. Pits impracticable.
64.00	Cross Gulch, 20 lks. wide, course N. W. and ascend.
80.00	Set a sand stone 18 x 11 x 5 ins., 12 ins. in the ground for cor. to Secs. 5-8-7-8 marked with 5 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high & 4 1/2 ft. base.
	Land hilly
	Soil 2d & 3d. rate
	Vegetation Bunchgrass.

Township 30 N. Range 52 W.
6th Principal Meridian.

East, on a random line between Sections 5 and 8.
Variation 15° 45' East.

Chains	
	Descend.
20.00	Cross Gulch, 20 lks. wide, course N. and ascend.
40.00	Set temporary 1/4 Sec. cor.,
51.00	Top of hill bears N. & S. and descend.
79.76	Intersect N. & S. line 23 lks. North of cor. to secs. 4-5-8-9. from which a corner, I found N. 89° 30' W. on a true line between Secs. 5-8.
	Variation 15° 45' East.
39.88	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. cor., marked 1/4 S. on N. face, and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base around post. Pits impracticable.
79.76	The corner to Sections 5-8-7-8.
	Land hilly
	Soil 2d. & 3d. rate.
	Vegetation Bunchgrass.

Township 30 N. Range 52 W.

5th Principal Meridian.

Chains	West, on a random line between Sections 6 and 7. Variation 15° 45' East.
	Ascend.
30.00	Top of hill bears N.W. & S.E. and descend.
40.00	Set temporary 1/4 Sec. cor.
71.00	Cross Road, bears N. & S.
78.00	Cross Creek, 8 lks. wide, Course North and ascend.
79.49	Intersect W.B. of Tp. 14 lks. North of cor. to secs. 6-7-1-12 from which corner, I run N. 89° 54' E on a true line, between secs. 6-7. Variation 15° ~~35~~ 45' East.
39.49	Set a sand stone 16 x 13 x 11 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. Pits impracticable.
79.49	The corner to sections 5-6-7-8. Land hilly Soil 2d. rate Vegetation Bunchgrass.

Township 30 N. Range 52 W.

5th Principal Meridian.

Chains	North, on a random line between Sections 5 and 6. Variation 15° 45' East.
	Ascend.
30.00	Top of hill, bears N. 30° E. & S. 30° W. and descend.
40.00	Set temporary 1/4 Sec. cor.
53.30	Cross Gulch, 20 lks. wide, Course N. 30° E. and ascend.
79.61	Intersect N.B. of Tp. 24 lks. East of cor. to secs. 5-6-31-32 from which corner, I run S. 10' E. on a true line, between sections 5-6 Variation 15° 45' East.
39.61	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face, and raised a mound of stone 1 1/2 ft. high, 3 1/2 ft. base around post. Pits impracticable.
79.61	The corner to sections 5-6-7-8 Land hilly Soil 3d. rate Vegetation Bunchgrass

Nov. 21st 1881

GENERAL DESCRIPTION.

The land in this Township is generally mountainous. The soil is 2d. & 3d. rate.
The timber and undergrowth consists of Pine and Bunchgrass.
It is well adapted to grazing purposes.

U. S. Surveyor-General's Office.

Plattsmouth Neb.

August 31st 1882

The foregoing Field Notes of the surveys of The Subdivision Lines of Township No 30 North of Range No 52 West 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 September 22nd 1881 in the month of Nov. 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 Iowa & Neb.

Field Notes

of

T 31 N. R 52 W

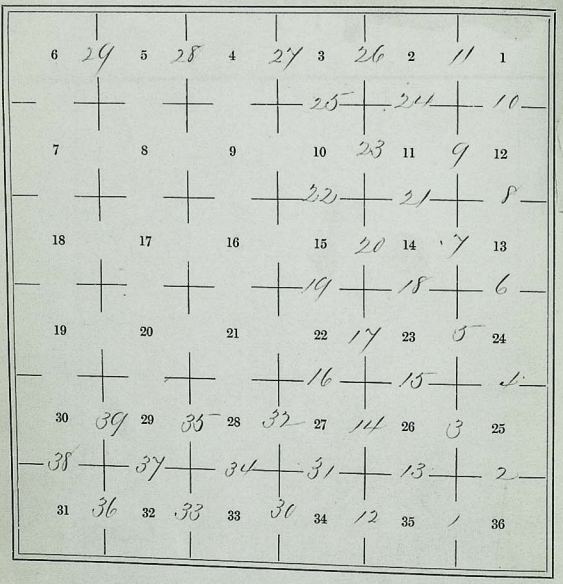
By

Charles Buchanan

Date of Contract Nov 11 1881

Contract - Special Deposit No 3

Township 31 N., Range 52 W., 6th P. Meridian.



Survey made with Burt's Patent Improved Solar Compass, nearly new, and in first rate order. Made by W. & L. E. Gurley of Troy New York in 1880.

T. 31 N. R. 52 W. 6th P. M.

Chains.

From the corner to sections, 1 - 2 - 35 - 36, in the South Boundary, Run North between sections 35 - 36

Variation 16° East.

34.50 Cross Creek, 5 lks. wide, Course N.E.,

40.00 Set a Sand stone 14 x 12 x 3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a Sand stone 24 x 8 x 4 ins. 15 ins. in the ground for Cor. to Secs. 25-26-35-36 marked with 1 notch on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.

Land rolling.

Soil 2nd rate

Vegetation Bluegrass.

T. 31 N. R. 32 W. 6th P. M.

Chains.

East. on a random line between sections 25 & 36

Variation 15° 10' East.

13.00 Clay Cross Creek, 15 lks. wide, Course North.

40.00 Set temporary ¼ sec. cor.

45.00 Cross Road, bears, N. and S.

79.50 Intersect N. & S. line, 35 lks. North of cor. to secs. 25-30-31-36 from which corner, I run N 89° 45' W. on a true line between sections 25-36,

Variation 15° 10' East.

39.75 Set a Stone stone 12 x 10 x 3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

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

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 32 W. 6th P. M.

Chains.

North between sections 25-26.

Variation 15° 10' East.

19.00 Cross Road, bears, E. & W.

40.00 Set a Sand stone 14 x 10 x 3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a Sand stone 24 x 12 x 3 ins. 5 ins. in the ground for Cor. to Secs. 23-24-25-26 marked with 2 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 5 W. 6th P. M.

Chains.

East. on a random line between sections 24 & 25

Variation 15° 40' East.

White clay

11.00 Cross Creek, 15 lks. wide, Course N.W.

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

38.00 Cross Ravine, Course. N.W.

40.00 Set temporary ¼ sec. cor.

79.63 Intersect E. B. of Tp. 31 lks. North of cor. to secs. 25-24-19-30 from which corner, I run N. 89° 47' W. on a true line, between sections 24-25

Variation 15° 40' East.

39.82 Set a Sand stone 12 x 16 x 4 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.63 The corner to sections 23-24-25-26,

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 5 W. 6th P. M.

Chains.

North between sections 23-24

Variation 15° 40' East.

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

40.00 Set a Sand stone 14 x 14 x 3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a Sand stone 20 x 14 x 4 ins. 15 ins. in the ground for Cor. to Secs. 13-14-23-24 marked with 3 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 52 W. 6th P. M.

Chains.

East. on a random line between sections 13 & 24

Variation 11° 30' East.

17.00 White Clay Cross Creek, 15 lks. wide, Course N.E.

40.00 Set temporary ¼ sec. cor.

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

55.00 Ascend.

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

76.00 Foot of Hill.

79.78 Intersect E. B. of Tp. 46 lks. North of cor. to secs. 13-18-19-24 from which corner, I run N. 89° 40' W. on a true line, between sections 13 & 24.

Variation 11° 30' East.

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

79.78 The corner to sections 13-14-23-24.

Land rolling. and hilly

Soil 2nd rate

Vegetation, Bunchgrass & Sagebrush.

T. 31 N. R. 52 W. 6th P. M.

Chains.

North between sections 13-14

Variation 11° 30' East.

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

110.00 Set a Stone stone 18 x 8 x 3 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

112.00 White Clay Cross Creek, 15 lks. wide, Course N.W.

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

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

Aug. 15, 1882.

T. 3 N. R. 5 W. 6th P. M.

Chains.

East. on a random line between sections 12 & 13

Variation 11° 30' East.

Little White Clay

30.00 Cross Creek, 5 lks. wide, Course N.W.

40.00 Set temporary ¼ sec. cor.

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

79.55 Intersect E.B. of Tp. 55 lks. North of cor. to secs. 7-12-13-18 from which corner, I run

N. 89° 35' W. on a true line, between sections 12 - 13.

Variation ~~13° 30'~~ 11° 30' East.

39.78 Set a Sand stone 16 x 12 x 2 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.55 The corner to sections 11 - 12 - 13 - 14.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 3 N. R. 5 W. 6th P. M.

Chains.

North between sections 11 - 12.

Variation 11° 30' East.

10.00 Cross St. Robinson and Pine Ridge road, bears E. and W.

11.00 Telegraph line bears E. & W.

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

80.00 Set a Sand stone 18 x 12 x 4 ins. 12 ins. in the ground for Cor. to Secs. 1 - 2 - 11 - 12 marked with 3 notch on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 3 N. R. 2 W. 6th P. M.

Chains.

East. on a random line between sections 1 & 12

Variation 15° 40' East.

Little White Clay

.40 Cross Creek, 5 lks. wide, Course N.W.

38.00 Yampa Cross Creek, 15 lks. wide, Course N.W.

40.00 Set temporary ¼ sec. cor.

79.50 Intersect E. B. of Tp. 35 lks. North of cor. to secs. 1-6-7-12 from which corner, I run

N. 89° 45' W. on a true line, between sections 1 - 12

Variation 15° 40' East.

39.75 Set a Sand stone 14 x 10 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.50 The corner to sections 1 - 2 - 11 - 12

Land level.

Soil 2nd rate

Vegetation Bunchgrass & Sagebrush.

T. 3 N. R. 2 W. 6th P. M.

Chains.

North on a random line between sections 1 & 2

Variation 15° 40' East.

Little White Clay

1.00 Cross Creek, 5 lks. wide, Course N.W.

40.00 Set temporary ¼ sec. cor.

79.50 Intersect N. B. of Tp. 18 lks. East of cor. to secs. 1-2-35-36 from which corner, I run

S. 8' E. on a true line, between sections 1 - 2

Variation 15° 40' East.

39.50 Set a Sand stone 14 x 12 x 3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

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

Land level.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 12 W. 6th P. M.

Chains.

North between sections 34 - 35

Variation 16° 0' East.

11.00 Cross Wash, 200 lks. wide, Course West

40.00 Set a Sand stone 16 x 12 x 3 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

62.00 Cross Wash, 200 lks. wide, Course East

71.80 Cross Trail Sydney and Robinson road, bears E. and W.

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

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass

T. 31 N. R. 12 W. 6th P. M.

Chains.

East. on a random line between sections 26 & 35

Variation 15° 30 East.

6.00 Cross Wash, 300 lks. wide, Course North

28.00 Cross Sydney and Deadwood Road, bears N. & S.

35.00 Cross Road, bears, NE. and SW.

40.00 Set temporary ¼ sec. cor.

58.00 Cross Road, bears, N. & S.

79.91 Intersect N. & S. line, 26 lks. North of cor. to secs. 25-26-35-36 from which corner, I run N. 89° 49' W. on a true line between sections 26-35

Variation 15° 30' East.

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

79.91 The corner to sections 26 - 27 - 34 - 35.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 3 N. R. 5 W. 6th P. M.

Chains.

North between sections 26 - 27

Variation 15° 30' East.

22.10 Cross Road, bears, E. and W.

40.00 Set a Sand stone 20 x 14 x 2 ins., 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

55.00 Cross Sidney & Deadwood Road, bears N.E. and S.E.

80.00 Set a Sand stone 18 x 10 x 4 ins. 12 ins. in the ground for Cor. to Secs. 22-23-26-27 marked with 2 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 3 N. R. 5 W. 6th P. M.

Chains.

East. on a random line between sections 23 & 26

Variation 15° 30' East.

4.75 Cross Wash, 10 lks. wide, Course N and ascend.

17.00 Top of Bluff, bears N. & S.

24.90 Cross Sidney and Deadwood Road, bears N and S.

40.00 Set temporary ¼ sec. cor.

80.00 Intersect N. & S. line, 13 lks. South of cor. to secs. 23-24-25-26 from which corner, I run S. 89 54' W. on a true line between sections 23-26.

Variation 15° 30', East.

40.05 Set a Sand stone 18 x 14 x 4 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.09 The corner to sections 22-23-26-27.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. Aug. 16, 1882.

T. 31 N. R. 52 W. 6th P. M.

Chains.

West. on a true line between sections 22 and 27

Va. 15° 30' East.

10.00 Cross Sidney & Deadwood Road bears N.W. and S.E.,

40.00 Set a Sand stone 20 x 14 x 2 ins., 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

54.60 Intersect Boundary line of Ft. Robinson Mil. Reservation,

11.56 chs. North of Post ba. No. 7,

Set a Sand stone 23 x 11 x 3 ins. 17 ins. in the ground for Closing Cor. Back to Secs. 22 and 27 marked C. C. with 3 notches on E. and 3 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land level.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 52 W. 6th P. M.

Chains.

North between sections 22 - 23

Variation 15° 30' East,

40.00 Set a Sand stone 18 x 6 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.

42.00 Cross Wash, 50 lks. wide, Course N.W.

51.00 Cross Wash, 50 lks. wide, Course N.E.

62.00 Cross Wash, 50 lks. wide, Course N.W.

80.00 Set a Sand stone 24 x 13 x 3 ins. 15 ins. in the ground for Cor. to Secs. 14-15-22-23 marked with 3 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass,

T. 31 N. R. 52 W. 6th P. M.

Chains.

East. on a random line between sections 14 & 23

Variation 15° 30 East.

10.50 Cross Sidney & Deadwood Road, bears N.E. and S.W.

21.00 Cross Road, bears, N. & S.

40.00 Set temporary ¼ sec. cor.

79.46 Intersect N. & S. line, 36 lks. South of cor. to secs. 13-14-23-24 from which corner, I run S. 89° 45' W. on a true line between sections 14-23

Variation ~~14°30'~~ 15°30' East.

39.73 Set a Sand stone 16 x 12 x 3 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.46 The corner to sections 14-15-22-23.

Land rolling.

Soil 2nd rate

Vegetation Bunchgrass.

T. 31 N. R. 52 W. 6th P. M.

Chains.

West. on a true line between sections 15-22.

Va. 15° 30' East.

10.00 Cross Ravine, Course. N.W.

40.00 Set a Sand stone 16 x 10 x 2 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

57.11 Intersect Boundary line of Fort Robinson Military Res., 5.35 chs. North of 9th ~~N.~~ Res. Post and

Set a Sand stone 20 x 14 x 3 ins. 15 ins. in the ground for Closing Cor. to fract. Secs. 15 and 22 marked C. C. with 3 notches on E. and 3 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land level.

Soil 2nd rate

Vegetation Bunchgrass.

T. 3 N. R. 52 W. 6th P. M.

Chains.

North between sections 14 – 15

Variation 15° 30' East.

11.75 Cross Road, bears, E and W.

18.50 Cross Road, bears, E and W.

32.50 Cross Road, bears, E and W.

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

55.00 Cross Sidney & Deadwood Road, bears NW and SE,

77.00 Cross Fort Robinson & Pine Ridge Road, bears E. & W.

79.00 Telegraph line, bears E. & W.

80.00 Set a Sand stone 22 x 12 x 5 ins. 16 ins. in the ground for Cor. to Secs. 10-11-14-15 marked with 1 notch on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 3 N. R. 52 W. 6th P. M.

Chains.

East. on a random line between sections 11 & 14

Variation 15° 40' East.

19.50 Telegraph line bears NE & SW.

40.00 Set temporary ¼ sec. cor.

50.75 White Clay Cross Creek, 10 lks. wide, Course North

55.00 Cross Fort Robinson and Pine Ridge Road, bears NE and SW.

79.56 Intersect N. & S. line, 39 lks. West of cor. to secs. 11-12-13-14 from which corner, I run

N. 89° 43' W. on a true line between sections 11-14

Variation ~~15° 40'~~ 15° 40' East.

39.78 Set a Sand stone 14 x 5 x 3 ins., 4 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.

79.56 The corner to sections 10-11-14-15,

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 52 W. 6th P. M.

Chains.

West. on a true line between sections 10 – 15

Va. 15° 40' East.

5.00 Cross Sidney & Deadwood Road, bears N. and S.

39.00 Cross Fort Robinson and Pine Ridge Road, bears N. 80° W.

40.00 Set a Sand stone 15 x 12 x 5 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

55.78 Intersect Boundary line of Fort Robinson Military Res., 38 chs. North of 12th Mile Post, and

Set a Sand stone 18 x 12 x 2 ins. 12 ins. in the ground for Closing Cor. to Secs. 10 and 15 marked C. C. with 3 notches on E. and 3 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land level,

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 52 W. 6th P. M.

Chains.

North between sections 10 – 11

Variation 15° 40' East.

40.00 Set a Sand stone 20 x 10 x 4 ins., 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., S. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a Sand stone 18 x 9 x 4 ins. 12 ins. in the ground for Cor. to Secs. 2 - 3 - 10 - 11 marked with 3 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

Aug. 17, 1882.

T. 3 N. R. 52 W. 6th P. M.

Chains.

East. on a random line between sections 2 & 11

Variation 15° 30' East.

40.00 Set temporary ¼ sec. cor.

47.00 White Clay Cross Creek, 10 lks. wide, Course North

79.74 Intersect N. & S. line, 50 lks. North of cor. to secs. 1-2-11-12, from which corner, I run

N 89° 30' W. on a true line between sections 2 — 11

Variation 15° ~~32~~ 30' East.

30.87 Set a Sand stone 16 x 8 x 14 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.74 The corner to sections 2 — 3 — 10 — 11

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 3 N. R. 52 W. 6th P. M.

Chains.

West. on a true line between sections 3 — 10

Va. 15° 30' East.

38.00 Cross Sidney and Deadwood Road, bears N.W. and S.E.

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

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

52.95 Intersect Boundary line of Fort Robinson Military Res., 22.63 chs. North of 11th Res. XX Post, 8

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Closing Cor. to Secs. 3 and 10 marked C.C. & T. 3 N. R. 52 W., on E. S. 3 on W., and S. 10 on S. faces, with 3 notches on E. and 3 notches on W. ~~faces~~ Edges, dug pits 18 x 18 x 12 ins. E. & S. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land level.

Soil 2nd rate

Vegetation, Bunchgrass & Sagebrush.

T. 31 N. R. 52 W. 6th P. M.

Chains.

North on a random line between sections 2 & 3

Variation 15°30′ East.

40.00 Set temporary ¼ sec. cor.

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

79.59 Intersect N. B. of Tp. 47 lks. West of cor. to secs. 2-3-34-35 from which corner, I run S. 20′ W., on a true line, between sections 2-3

Variation 15° ~~45~~ 30′ East.

39.59 Set a Sand stone 16 x 12 x 3 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.59 The corner to sections 2-3-10-11

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 52 W. 6th P. M.

Chains.

From the corner to sections, 3-4-33-34, on the North Boundary, I run

South on a true line between sections 3-4

Va. 15°45′ East.

20.32 Intersect Boundary line of Ft. Robinson Military Reservation at a point, 10.08 chs. West of 17th ~~N.~~ R. P. 4

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Closing Cor. to Secs. 3 and 4 marked C.C. T. 31 N., R. 52 W., on N., S. 3 on E. and S. 4 on W. faces, with 3 notches on E and 3 notches on W. faces, dug pits 18 x 18 x 12 ins. N., E. & W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land level.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 52 W. 6th P. M.

Chains.

From the corner to sections, 4-5-32-33, on the North Boundary, Trun

South on a true line between sections 4-5

Va. 15°50' East.

20.46 Intersect Boundary line of Ft. Robinson Military Reservation at a point 36.62 chs. West of 19th Res. Pt.

Set a Sand stone 15 x 13 x 2 ins. 10 ins. in the ground for Closing Cor. to fracl. Secs. 4 and 5 marked C. C. with 4 notches on E. and 2 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land level.
Soil 2nd rate
Vegetation, Bunchgrass,

T. 31 N. R. 52 W. 6th P. M.

Chains.

From the corner to sections, 5-6-31-32 on the North Boundary of Tp Trun

South on a true line between sections 5-6

Va. 15°50' East.

2.00 Cross Ravine, Course. S.W.

20.71 Intersect Boundary line of Ft. Robinson Military Reservation at a point 7.14 chs. West of 21st Res. Pt.

Set a Sand stone 16 x 14 x 8 ins. 11 ins. in the ground for Closing Cor. to fracl. Secs. 5 and 6 marked C. C. with 5 notches on E. and 1 notch on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land mountainous.
Soil 3rd rate
Vegetation, Bunchgrass.

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

Aug. 18, 1882.

T. 31 N. R. 52 W. 6th P. M.

Chains.

North between sections 33-34

Variation 16° East.

10.50 Cross Wash, 300 lks. wide, Course W. and ascend.

37.00 Top of Divide, ~~W.~~ course E. & W. and descend.

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

44.00 Foot of Divide, bears E. & W.

80.00 Set a Sand stone 26 x 10 x 4 ins. 15 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., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 52 W. 6th P. M.

Chains.

East. on a random line between sections 27 & 34.

Variation 15° 40 East.

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

38.50 Cross Fort Robinson & Sidney Road, bears N.W. and S.E.

40.00 Set temporary ¼ sec. cor.

79.95 Intersect N. & S. line, 34 lks. North of cor. to secs. 26-27-34-35 from which corner, I run N. 89° 45' W. on a true line between sections 27-34.

Variation 15° ~~30~~ 40' East.

39.98 Set a Sand stone 16 x 10 x 4 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

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

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 32 W. 6th P. M.

Chains.

North between sections 27 – 28.
Variation 15° 10' East.

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

35.00 Cross Fort Robinson and Sidney Road, bears N.W. and S.E.

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

67.51 Enclosed Boundary line of Ft. Robinson Military Reservation at a point 1.96 chs. West of 6th Res P., and

Set a Sand stone 20 x 14 x 4 ins. 15 ins. in the ground for Closing Cor. to Secs. 27 and 28 marked C. C. with 2 notches on W. and 3 notches on S. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
Land rolling.
Soil 2nd rate
Vegetation, Bunchgrass.

T. 31 N. R. 32 W. 6th P. M.

Chains.

North between sections 32 – 33
Variation 15° 55' East.

8.00 Top of Ridge, bears E. and W.

12.00 Descend.

38.00 Foot of Ridge, bears E. and W.

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

80.00 Set a Sand stone 26 x 10 x 4 ins. 15 ins. in the ground for Cor. to Secs. 28-29-32-33 marked with / notch on S. and / notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
Land rolling. 42.00 chs and 38.00 chs mountainous.
Soil 2nd rate
Vegetation, Bunchgrass.

T. 31 N. R. 52 W. 6th P. M.

Chains.

East. on a random line between sections 28 & 33.

Variation 14° East.

30.50 Cross Road, bears, N. and S.

40.00 Set temporary ¼ sec. cor.

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

62.00 Cross Wash, 100 lks. wide, Course North.

79.45 Intersect N. & S. line, 28 lks. North of cor. to secs. 27-28-33-34 from which corner, I run N. 89° 48' W. on a true line between sections 28-33

Variation ~~14° 40'~~ 14° 00' East.

39.73 Set a Sand stone 17 x 9 x 3 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.45 The corner to sections 28-29-32-33.

Land rolling.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 52 W. 6th P. M.

Chains.

North between sections 28-29.

Variation 14° East.

40.00 Set a Sand stone 14 x 10 x 5 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

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

67.48 Intersect Boundary line of Ft. Robinson Military Reservation at a point, 14.40 chs. West of 4th ~~Ri.~~ Res. Post and

Set a Sand stone 16 x 11 x 5 ins. 11 ins. in the ground for Closing Cor. to fracl. Secs. 28 and 29 marked C. C. with 4 notches on E. and 2 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land level.

Soil 2nd rate

Vegetation, Bunchgrass.

T. 31 N. R. 32 W. 6th P. M.

Chains.	
	North between sections 31 - 32,
	Variation 15° 10' East.
8.25	Cross Wash, 100 lks. wide, Course E. and ascend.
13.00	Top of Bluff, bears E. & W. and descend.
40.00	Set a Sand stone 14 x 12 x 3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 14 x 12 x 6 ins. 9 ins. in the ground for Cor. to Secs. 29-30-31-32 marked with 1 notch on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 2nd rate
	Vegetation, Bunchgrass.

T. 31 N. R. 32 W. 6th P. M.

Chains.	
	East. on a random line between sections 29 & 32,
	Variation 14° East.
35.50	Cross Wash, 300 lks. wide, Course Meth.
40.00	Set temporary ¼ sec. cor.
48.00	Cross Road, bears, N. and S.
68.00	Cross Road, bears, N. and S.
79.40	Intersect N. & S. line, 20 lks. Meth. of cor. to secs. 28-29-32-33 from which corner, I run N 89° 51' W. on a true line between sections 29-32
	Variation 14° East.
39.70	Set a Sand stone 12 x 10 x 5 ins., 5 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.40	The corner to sections 29-30-31-32,
	Land rolling.
	Soil 2nd rate
	Vegetation, Bunchgrass.

T. 31 N. R. 32 W. 6th P. M.

Chains.

West. on a random line between sections 30 & 31
Variation 14° East.

40.00 Set temporary ¼ sec. cor.

79.50 Intersect N. B. of Tp. 15 lks. Nath of cor. to secs. 25-30-31-36 from which corner, I run N 89° 54' E., on a true line, between sections 30-31
Variation ~~15°~~ 14° East.

39.50 Set a Sand stone 12 x 10 x 5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits, 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.50 The corner to sections 24-30-31-32,
Land rolling.
Soil 2nd rate
Vegetation, Bunchgrass.

T. 31 N. R. 32 W. 6th P. M.

Chains.

North between sections 24-30
Variation 14° East.

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

67.63 Intersect Boundary line of Ft. Robinson Military Reservation, at a point 12 lks. West of the 10th ~~mile~~ Post, and
Set a Sand stone 12 x 12 x 6 ins. 8 ins. in the ground for Closing Cor. to Secs. 29 and 30 marked C. C. with 5 notches on E. and 2 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
Land rolling.
Soil 2nd rate
Vegetation, Bunchgrass.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. Aug. 19, 1882.

T. 31 N. R. 52 W. 6th P. M.

General Description.

The land in this Township is generally rolling, and covered with Buchgrass.
The soil is 2nd rate,
Much of the land is available for agricultural purposes without irrigation, but where necessary an abundance of water is furnished by White Clay and Squaw Creeks.
The Fort Sidney and Robinson and the Sidney and Deadwood Roads run through the Tp.
Fort Robinson Military Reservation covers the North-western part, the post being situated on Soft Bank of White River, at the confluence of Soldier Creek with the River.
There are a number of settlers in the Township.

U. S. Surveyor General's Office
Plattsmouth Neb. Feb. 8th 1883.

The foregoing field notes of the Survey of the subdivision lines of Township No 31 North. Range No 52 West of the Principal Base & Meridian in the State of Nebraska executed by Charles Buchanan U.S. Deputy Surveyor under his Contract No 3. dated Nov. 11th 1881, in the Month of August 1882, having been critically examined, the necessary Corrections and Explanations made, the said Field Notes and the Survey they describe are hereby approved

Geo. L. Smith
Surveyor General

Charles Buchanan Deputy Surveyor.

T. 32 **North R.** 52 **West.**

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 32 North Range 52 West

6th Principal Meridian.

BY

Charles Buchanan Deputy Surveyor.

Under his Contract of November 11th 1881

Survey Commenced June 14th 1882.

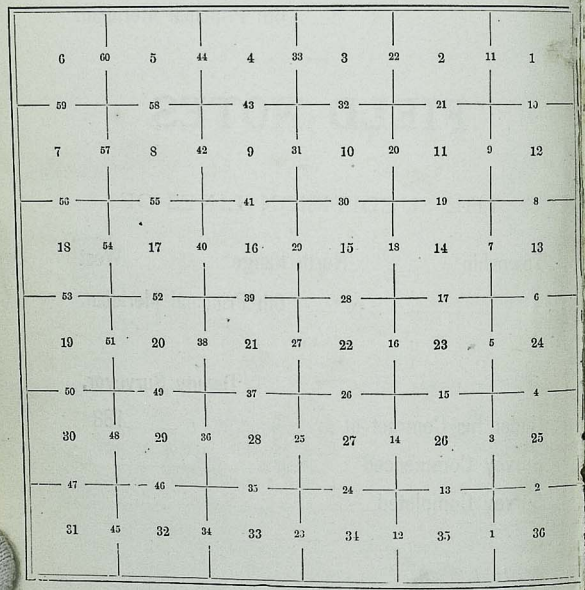
Survey Completed June 20th 1882.

Platted,
Copied for Washington,
Copied for Register,

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

Township 32 North, Range 52 West

6th Principal Meridia



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

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wnship North Range West

6th Principal Meridian.

Township ..... North ..... Range ..... West
6th Principal Meridian

Township ..... North ..... Range ..... West
6th Principal Meridian.

Survey made with Burt's Patent Improved Solar Compass, nearly new, and in first rate order. Made by W. & L. E. Gurley of Troy N. Y. in 1880.

Township 32 North Range 52 West
(See previous page.) 6th Principal Meridian

Chains	
	From the corner to Sections 35, 36, 1 and 2 on the South boundary; I run North, between Sections 35 and 36. Variation 15° 45' East.
	Over rolling land.
6.00	Cross Creek, 15 lks. wide, Course N. W.
8.50	Cross Creek, 15 lks. wide, Course N. E.
26.00	Cross Creek, 15 lks. wide, Course N. W.
36.00	Cross Creek, 15 lks. wide, Course N. E.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
50.00	Cross Creek, 15 lks. wide, Course N. W.
57.00	Cross Creek, 15 lks. wide, Course N. E.
65.50	Cross Creek, 15 lks. wide, Course N. W.
78.00	Cross Creek, 15 lks. wide, Course N. E.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 25, 26, 35 and 36 marked T. 32 N., S. 25, on N. E., R 52 W., S. 36 on S. E., S. 35 on S. W and S. 26 on N. W. face, with / notch on S. and / notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post. Land rolling. Soil 2nd rate Vegetation Bunchgrass and Weeds.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	
	East, on a random line between Sections 25 and 36. Variation 15° 45' East.
	Over rolling land.
5.50	Cross Creek, 15 lks. wide, Course N. W.
40.00	Set temporary ¼ sec. cor.
72.00	Cross Road, from Mayfield's Ranch to Fort Robinson, bears N. and S.
80.00	Intersect E. B. of Tp. 44 lks. North of cor. to secs. 25, 30, 31 & 36 from which corner, I run S. 89° 41' W. on a true line, between sections 25 and 36. Variation 15° 45' East.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., W. and E. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
80.00	The corner to sections 25, 26, 35 and 36. Land rolling. Soil 2nd rate Vegetation Bunchgrass and Weeds.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 25 and 26. Variation 15° 45' East.
	Over rolling land.
5.00	Cross Green Creek, 15 lks. wide, Course N.W.
17.00	Cross Green Creek, 15 lks. wide, Course N.E.
29.00	Cross Road, from Mayfield's Ranch to Fort Robinson, bears N.E. and S.W.
37.00	Cross Green Creek, 15 lks. wide, Course N.W.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
79.00	Cross White River, 135 lks. wide, Course N.E.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 23, 24, 25 & 26 marked T. 32 N., S. 24, on N.E., R 52 W., S. 25 on S.E., S. 26 on S.W. and S. 23 on N.W. face, with 2 notch es on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post. Land rolling. Soil 2nd rate Vegetation of Buchgrass and Weeds.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 24 and 25. Variation 15° 50' East.
	Over rolling land.
2.50	Cross White River, 120 lks. wide, Course N.
40.00	Set temporary ¼ sec. cor.
47.00	Cross Road, from Mayfield's Ranch to Fort Robinson, bears N.E. and S.W.
57.00	Cross Road, bears, N.E. and S.W.
69.00	Cross Road, bears, N. and S.
79.86	Intersect E. B. of Tp. 10 lks. South of cor. to secs. 19, 24, 25 & 30 from which corner, I run S. 89° 56' W. on a true line, between sections 24 and 25. Variation 15° 50' East.
39.93	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
79.86	The corner to sections 23, 24, 25 and 26. Land rolling. Soil 2nd rate Vegetation of Buchgrass and Weeds.

Township 32 North Range 52 West
6th Principal Meridian.

North, between Sections 23 and 24.

Variation 15° 58' East.

Chains	
	Over rolling land.
1.00	Cross White River, 135 lks. wide, Course N. W.
11.00	Cross White River, 135 lks. wide, Course N. E.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
68.30	Cross Road, bears, S. E. and N. W.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 13, 14, 23 and 24, marked T. 32 N. S. 13 on N. E., R. 52 W., S. 24 on S. E. S. 23 on S. W and S. 14 on N. W. face, with 3 notches on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land rolling.

Soil 2nd rate

Vegetation of Bunchgrass and Weeds.

Township 32 North Range 52 West
6th Principal Meridian.

East, on a random line between Sections 13 and 24.

Variation 15° 45' East.

Chains	
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
66.40	Cross Road, bears, N. and S.
79.93	Intersect E. B. of Tp. 15 lks. South of cor. to secs. 13, 18, 19 & 24 from which corner, I run S. 89° 52' W. on a true line, between sections 13 & 24. Variation 15° 45' East.
39.96	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
79.93	The corner to sections 13, 14, 23 and 24.

Land rolling.

Soil 2nd rate

Vegetation of Bunchgrass and Weeds.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 13 and 14.
	Variation 15° 45' East.
	Over rolling land.
40.00	***Set** a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
80.00	*Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 11, 12, 13 and 14 marked T. 32 N., S. 12 on N. E., R 52 W., S. 13 on S. E., S. 14 on S. W. and S. 11 on N. W. faces, with 4 notches on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.*
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass and Weeds.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 12 and 13.
	Variation 15° 50' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
79.95	*Intersect E. B. of Tp. 50 lks. North of cor. to secs. 7, 12, 13 & 18 from which corner, I run N. 89° 39' W., on a true line, between sections 12 and 13.*
	Variation 15° 50' East.
39.97	***Set** a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., W. and E. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*
79.95	*The corner to sections 11, 12, 13 and 14.*
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass and Weeds.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 11 and 12. Variation 15° 50' East.
	Over rolling land.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
63.00	Cross South branch of Little Cottonwood Creek, 5 lks. wide, Course N. E.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 1, 2, 11 and 12 marked T. 32 N. S. 1, on N. E., R. 52 W., S. 12 on S. E., S. 11 on S. W and S. 2 on N. W. faces, with 5 notch es on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post. from which A Cottonwood 10 ins. diam. bears N. 45° W., 30 lks. dist. marked T. 32 N. R. 52 W., S., 11 B. T.
	Land rolling. Soil 2nd rate. Timber of Cottonwood and Vegetation of Buncheyrass and Weeds.

Township North Range West
6th Principal Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 15° 45' East.
	Descend.
2.00	Cross Little Cottonwood
"	Creek, ~~lks. wide~~, Course N. E.
4.50	Same Cross Creek, ~~lks. wide~~, Course N. E.
6.50	Same Cross Creek, ~~lks. wide~~, Course N. E.
21.25	Same Cross Creek, ~~lks. wide~~, Course N. E.
25.50	Same Cross Creek, ~~lks. wide~~, Course N. E. and ascend.
40.00	Set temporary ¼ sec. cor.
80.07	Intersect E. B. of Tp. 32 lks. South of cor. to secs. 1, 6, 7 and 12 from which corner, I run N. 89° 25' W. on a true line, between sections 1 and 12. Variation 15° 45' East.
40.03	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
80.07	The corner to sections 1, 2, 11 and 12.
	Land broken Soil 2nd rate. Timber of Cottonwood and Vegetation of Buncheyrass. June 14th 1882.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 1 and 2. Variation 15° 45' East.
	Descend.
1.00	Cross Little Cottonwood Creek, 15 lks. wide, Course S E.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
81.41	Intersect the 8th Standard Parallel North at a point 71 chs. East of the Standard Cor. to Secs. 31 and 36. T. 33 N. R. 51 and 52 W. at which point I.
	Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Closing Cor. to Secs. 1 and 2 marked C. C. T. 32 N., R. 52 W., on N., S. 1 on E., and S. 2 on W. faces, with 1 notch on E., and 5 notches on W faces, dug pits 18 x 18 x 12 ins. N., E. & W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass & Weeds.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 34 and 35. Variation 15° 45' East.
	Over rolling land.
38.00	Cross White River 130 lks. wide, Course N. E.
41.00	Set a Sand stone 14 x 12 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 14 x 14 x 12 ins. 9 ins. in the ground for Cor. to Secs. 26, 27, 34 & 35 marked with 1 notch on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 15° 50' East.
	Over rolling land.
31.00	Cross White River, 120 lks. wide, Course N. E.
40.00	Set temporary ¼ sec. cor.
68.00	Cross Road, bears, N. and S.
71.00	Cross White Clay Creek, 10 lks. wide, Course N. E.
79.82	Intersect N. & S. line, 38 lks. North of cor. to secs. 25, 26, 35 and 36 from which corner, I run N. 89° 44' W. on a true line between sections 26 and 35. Variation 15° ~~50'~~ 51' East.
39.91	Set a Sand stone 12 x 12 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.82	The corner to sections 26, 27, 34 and 35. Land rolling. Soil 2nd rate Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 26 and 27. Variation 15° 51' East.
	Over rolling land.
40.00	Set a Sand stone 14 x 10 x 2 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 12 x 12 x 8 ins. 8 ins. in the ground for Cor. to Secs. 22, 23, 26 and 27 marked with 2 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base. Land rolling. Soil 2nd rate Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 15° 55' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
79.68	Intersect N. & S. line, 50 lks. North of cor. to secs. 23, 24, 25 & 26 from which corner, I run N. 89° 39' W. on a true line between sections 23 & 26, Variation 15° 55' East.
39.54	Set a Sand stone 14 x 10 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and E. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.68	The corner to sections 22, 23, 26 and 27. Land rolling. Soil 2nd rate Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 22 and 23. Variation 15° 55' East.
	Over rolling land.
40.00	Set a Sand stone 14 x 10 x 3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 4 x 14 x 8 ins. 9 ins. in the ground for Cor. to Secs. 14, 15, 22 & 23 marked with 3 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling. Soil 2nd rate Vegetation of Bunchgrass.

Township 32 North Range 12 West
6th Principal Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 16° 00' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
56.00	Cross Road, bears, N.E. and S.W.
79.90	Intersect N. & S. line, 11 lks. North of cor. to secs. 13, 14, 23 & 24 from which corner, I run N. 89° 55' W. on a true line between sections 14 & 23. Variation ~~16° 00'~~ 16° 00' East.
39.95	Set a Pine stone 12 x 10 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.90	The corner to sections 14, 15, 22 & 23.
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass.

Township 32 North Range 12 West
6th Principal Meridian.

Chains	North, between Sections 14 and 15. Variation 16° 00' East.
	Over rolling land.
38.00	Cross Road, bears, N.W. and S.E.
40.00	Set a Pine 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. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Pine stone 22 x 12 x 8 ins. 16 ins. in the ground for Cor. to Secs. 14, 11, 14 & 15 marked with 4 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 3rd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 11 and 14. Variation 15° 50' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
79.86	Intersect N. & S. line, 16 lks. North of cor. to secs. 11, 12, 13 and 14, from which corner, I run S. 89° 53' W. on a true line between sections 11 and 14. Variation 15° 50' East.
39.93	Set a Sand stone 12 x 12 x 6 ins., 5 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., W. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.86	The corner to sections 10, 11, 14 and 15.
	Land rolling.
	Soil Good rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 10 and 11. Variation 15° 50' East.
	Over rolling land.
40.00	Set a Sandstone 10 x 10 x 4 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
63.00	Cross Little Cottonwood Creek, 10 lks. wide, Course E.
80.00	Set a Sand stone 18 x 10 x 4 ins. 12 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 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 Good rate
	Vegetation of Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	June 15th 1882.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	
	East, on a random line between Sections 2 and 11.
	Variation 15° 45' East.
	Over rolling land.
4.00	Cross Branch of Little Cottonwood Creek, ~~lks. wide~~, Course S. E.
40.00	Set temporary ¼ sec. cor. and Little Cottonwood Cross Creek, ~~lks. wide~~, Course S E.
55.00	Cross Creek, ~~lks. wide~~, Course N. E.
63.00	Cross Creek, ~~lks. wide~~, Course N. W.
78.00	Cross Creek, ~~lks. wide~~, Course N. E.
79.51	Intersect N. & S. line, 23 lks. North of cor. to secs. 1, (2) 11 and 12 from which corner, I run N. 89½ 50' W. on a true line between sections 2 and 11.
	Variation 15° 45' East.
39.75	Set a Sand stone 14 x 12 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and E. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.51	The corner to sections 2, 3, 10 and 11.
	Land rolling.
	Soil 3rd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian

Chains	
	North, on a ~~random~~ true line between Sections 2 and 3.
	Variation 15° 45' East.
	Over rolling land.
7.00	Cross Branch of Little Cottonwood Creek, ~~lks. wide~~, Course S. E.
40.00	Set a 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., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
81.87	Intersect the 8th Standard Parallel North at a point 1.64 chs. East of the Standard Cor. to Secs. 35 and 36. T. 33 N., R. 52 W. at which point I.
	Set a Sand stone 14 x 10 x 6 ins. 9 ins. in the ground for Closing Cor. to Secs. 2 and 3 marked C. C. with 2 notches on E. and 4 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4 ft. base.
	Land rolling.
	Soil 3rd rate
	Vegetation of Bunchgrass.

Township 32 North, Range 52 West
6th Principal Meridian.

Chains	North, between Sections 33 and 34. Variation 15° 45' East.
	Descend.
4.00	Cross Ravine, Course. E.
14.00	Cross Ravine, Course. S.E.
40.00	Set a Sand stone 14 x 7 x 5 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and N. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 15 x 12 x 6 ins. 10 ins. in the ground for Cor. to Secs. 27, 28, 33 and 34 marked with / notch 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 2nd rate
	Vegetation Bunchgrass and Sagebrush.

Township 32 North, Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 27 and 34 Variation 15° 50' East.
	Over rolling land.
12.00	Cross Road, from Sidney to Deadwood, bears N. 20° W. and S. 20° E.
40.00	Set temporary ¼ sec. cor.
79.90	Intersect N. & S. line, ~~17s.~~ at ~~of~~ cor. to secs. 26, 27, 34 & 35 from which corner, I run West ~~W.~~ on a true line between sections 27 and 34. Variation 15° 50' East.
39.95	Set a Sand stone 14 x 10 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and E. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.90	The corner to sections 27, 28, 33 and 34.
	Land rolling.
	Soil 2nd rate
	Vegetation Bunchgrass and Sagebrush.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 27 and 28. Variation 15° 55' East.
	Over rolling land.
21.00	Cross Road, from Sidney to Deadwood, trav. N. W. and S. E.
40.00	Set a Sand stone 15 x 10 x 5 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 16 x 10 x 5 ins. 10 ins. in the ground for Cor. to Secs. 21, 22, 27 & 28 marked with 2 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East on a random line between Sections 22 and 27. Variation 15° 55' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
80.11	Intersect N. & S. line, 26 lks. North of cor. to secs. 22, 23, 26 & 27 from which corner, I run N. 89° 49' W. on a true line between sections 22 & 27. Variation 15° 55' East.
40.05	Set a Sand stone 22 x 7 x 5 ins., 16 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.
80.11	The corner to sections 21, 22, 27 and 28.
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

North, between Sections 21 and 22.

Variation 15° 55' East.

Descend.

Chains	
31.00	Cross Ravine, Course. N. W.
40.00	Set a Sand stone 13 x 10 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 15 x 12 x 5 ins. 10 ins. in the ground for Cor. to Secs. 15, 16, 21 and 22 marked with 2 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

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

Variation 15° 45' East.

Descend.

Chains	
28.50	Cross Ravine, Course. N. W.
40.00	Set temporary ¼ sec. cor.
79.97	Intersect N. & S. line, 3 lks. North of cor. to secs. 14, 15, 22 & 23 from which corner, I run N. 89° 59' W. on a true line between sections 15 and 22. Variation ~~15° 45'~~ East.
39.98	Set a Sand stone 15 x 8 x 4 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.97	The corner to sections 15, 16, 21 and 22.

Land rolling.
Soil 3rd rate
Vegetation of Bunchgrass.

Township 82 North Range 52 West
6th Principal Meridian.

North, between Sections 15 and 16.

Variation 15° 45' East.

Chains	
	Descend.
20.00	Cross Creek, 1 lks. wide, Course E.
40.00	Set a Sand stone 15 x 10 x 4 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 16 x 10 x 5 ins., 11 ins. in the ground for Cor. to Secs. 9, 10, 15 and 16 marked with 4 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 2nd rate
	Vegetation Bunchgrass

Township 82 North Range 52 West
6th Principal Meridian.

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

Variation 15° 45' East.

Chains	
19.00	Cross Road, bears, N. W. and S. E.
40.00	Set temporary ¼ sec. cor.
60.00	Cross Creek, 50 lks. wide, Course N.
79.80	Intersect N. & S. line, 11 lks. North of cor. to secs. 10, 11, 14 and 15 from which corner, I run N. 89° 55' W. on a true line between sections 10 and 15,
	Variation 15° 55' East.
39.90	Set a Sand stone 12 x 10 x 7 ins., 5 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.80	The corner to sections 9, 10, 15 and 16.
	Land level.
	Soil 2nd rate
	Vegetation Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 15° 45' East.
	Over rolling land.
18.00	Cross Road, bears, N.W. and S.E.
40.00	Set a Sand stone 15 x 11 x 4 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 16 x 14 x 6 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. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 2nd rate
	Vegetation Bunchgrass.
	June 16th 1882.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East on a random line between Sections 3 and 10. Variation 16° 00' East.
	Over rolling land.
29.00	Cross Little Cottonwood Creek, 15 lks. wide, Course S.E.
39.00	Cross Road, bears, S.E. and N.W.
40.00	Set temporary ¼ sec. cor.
79.43	Intersect N. & S. line, 20 lks. South of cor. to secs. 2, 3, 10 and 11 from which corner, I run S. 89° 45' W. on a true line between sections 3 and 10. Variation 16° 00' East.
39.71	Set a Sand stone 15 x 8 x 4 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.43	The corner to sections 3, 4, 9 and 10.
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass, Sagebrush and Cactus.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 3 and 4. Variation 16° 00' East.
	Over rolling land.
18.00	Cross Little Cottonwood Creek, 20 lks. wide, Course East.
20.00	Cross Road, bears, E. and W.
35.00	Enter Meadow, bears N.E. and N.W.
40.00	Set a Sand stone 10 x 9 x 5 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
53.00	Cross Gulch, 25 lks. wide, Course S.E.
55.00	Leave Meadow, bears N.W. and S.E.
82.00	Intersect the 8th Standard Parallel North at a point 2.12 chs. East. of the Standard Cor. to Secs. 34 and 35. T. 33 N., R. 52 W. at which point I.
	Set a Sand stone 10 x 9 x 5 ins. 11 ins. in the ground for Closing Cor. to Secs. 3 and 4 marked C. C. with 3 notches on E. and 3 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass, Sagebrush and Cactus.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 32 and 33. Variation 15° 45' East.
	Over rolling land.
3.00	Cross Road, bears, N.E. and N.W.
40.00	Set a Sand stone 14 x 10 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
43.00	Cross Ravine, Course. E.
59.00	Cross Road, bears, E.
80.00	Set a Sand stone 24 x 12 x 6 ins. 18 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., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 3rd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33.
	Over rolling land. Variation 16° 00' East.
40.00	Set temporary ¼ sec. cor.
50.00	Cross Road from Sidney to Black Hills, bears N. and S.
79.72	Intersect N. & S. line, 51 lks. North of cor. to secs. 27, 28, 33 & 34 from which corner, I run N. 59° 38' W. on a true line between sections 28 and 33. Variation 16° 00' East.
39.56	Set a Sand stone 16 x 12 x 4 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.72	The corner to sections 28, 29, 32 and 33. Land rolling. Soil 2nd rate Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian

Chains	North, between Sections 28 and 29. Variation 16° 00' East.
	Over rolling land.
40.00	Set a Sand stone 14 x 12 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 18 x 14 x 8 ins. 12 ins. in the ground for Cor. to Secs. 20, 21, 28 and 29 marked with 2 notch es on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base. Land rolling. Soil 2nd rate Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 21 and 28. Variation 15° 50' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
44.00	Cross Dickey and Black Hills stage road, bears N. and S.
79.98	Intersect N. & S. line, 14 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° 50' East.
39.99	Set a Sandstone 14 x 12 x 3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.98	The corner to sections 20, 21, 28 and 29. Land rolling. Soil 2nd rate Vegetation & Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian

Chains	North, between Sections 20 and 21. Variation 15° 50' East.
	Over rolling land.
9.00	Cross Ravine, Course. N. E.
40.00	Set a Sandstone 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. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sandstone 14 x 12 x 6 ins. 9 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 rolling. Soil 3rd rate Vegetation & Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 16 and 21. Variation 15° 45' East.
	Over rolling land.
31.00	Cross stage road from Sidney to Black Hills, bears N. and S.
40.00	Set temporary ¼ sec. cor.
45.00	Cross Ravine, Course. N.E.
80.12	Intersect N. & S. line, 12 lks. South of cor. to secs. 15, 16, 21 and 22 from which corner, I run N. 89° 55' W. on a true line between sections 16 and 21. Variation 15° 45' East.
40.06	Set a Sand stone 14 x 10 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.12	The corner to sections 16, 17, 20 and 21. Land rolling. Soil 2nd rate Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 16 and 17. Variation 15° 45' East.
	Over rolling land.
2.00	Cross Ravine, Course. N.E.
40.00	Set a 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., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 20 x 16 x 4 ins. 15 ins. in the ground for Cor. to Secs. 8, 9, 16 and 17 marked with 4 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base. Land rolling. Soil 2nd rate Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16. Variation 15° 45' East.
	Over rolling land.
25.00	Cross stage road from Black Hills to Sidney, bears N.E. and S.W.
40.00	Set temporary ¼ sec. cor.
79.94	Intersect N. & S. line, 19 lks. North of cor. to secs. 9, 10, 15 and 16 from which corner, I run N. 89° 52' W. on a true line between sections 9 and 16. Variation 15° 45' East.
80.97	Set a Sand stone 12 x 12 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., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.94	The corner to sections 8, 9, 16 and 17.
	Land rolling.
	Soil 2nd rate
	Vegetation Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 8 and 9. Variation 15° 45' East.
	Over rolling land.
38.00	Cross West Road, bears, N.E. and S.W.
40.00	Set a Sand stone 14 x 10 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
42.00	Cross Little Cottonwood Creek, 15 lks. wide, Course E.
43.00	Cross Second Creek, 15 lks. wide, Course N.W.
46.00	Cross Third Creek, 15 lks. wide, Course N.E.
51.00	Cross Fourth Creek, 15 lks. wide, Course N.W.
58.00	Cross Fifth Creek, 15 lks. wide, Course E.
80.00	Set a Sand stone 16 x 10 x 4 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. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 2nd rate
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	June 17th 1882.

Township 32 North Range 52 West 6th Principal Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation 15° 50' East.
	Over rolling land.
5.00	Cross Little Cottonwood 20 lks. wide, runs N. E.
15.00	Cross Creek, 20 lks. wide, Course S. E.
27.00	Cross Sidney and Black Hills stage road, runs N. and S.
28.00	Cross Creek, ~~lks. wide~~, Course N. E.
39.00	Cross Creek, ~~lks. wide~~, Course S.
40.00	Set temporary ¼ sec. cor.
72.00	Cross Creek, 20 lks. wide, Course N. E.
80.39	Intersect N. & S. line, 47 lks. North of cor. to secs. 3, 4, 9 and 10 from which corner, I run N. 89° 40' W. on a true line between sections 4 and 9. Variation [15° 50'] East.
40.19	Set a Sand stone 15 x 10 x 4 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and E. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.39	The corner to sections 4, 5, 8 and 9. Land rolling. Soil 3rd rate Vegetation of Bunchgrass.

Township 32 North Range 52 West 6th Principal Meridian.

Chains	North, on a true line between Sections 4 and 5. Variation 15° 50' East.
	Over rolling land.
40.00	Set a Sand stone 20 x 10 x 8 ins., 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and N. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
45.00	Cross Sidney and Black Hills stage road, runs N.W. and S.E.
81.62	Intersect the 8th Standard Parallel North at a point 2.09 chs. East of the Standard Cor. to Secs. 33 and 34, T. 33 N., R. 52 W. at which point I.
	Set a Sand stone 18 x 16 x 8 ins. 12 ins. in the ground for Closing Cor. to Secs. 4 and 5 marked C. C. with 4 notch es on (on) E. and 2 notch es on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base. Land rolling. Soil 2nd rate Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 31 and 32. Variation 15° 58' East.
	Descend.
12.00	Cross Ravine, Course. N. E. and ascend.
32.00	Top of Ridge, bears N. E. and S. W. and descend.
39.00	Foot of Ridge and bears timber, bears E. and W.
40.00	Set a Sand stone 18 x 10 x 5 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
57.00	Cross Road, bears, N. W. and S. E.
80.00	Set a Sand stone 20 x 10 x 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 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~~ Broken and rolling.
	Soil 2nd rate.
	Timber of Elder and Cottonwood and
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 29 and 32. Variation 15° 58' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
44.00	Cross Road, bears, N. W. and S. E.
80.05	Intersect N. & S. line, 28 lks. North of cor. to secs. 28, 29, 32 & 33 from which corner, I run N. 89° 48' W. on a true line between sections 29 and 32. Variation ~~15° 50'~~ 16° 00' East.
40.02	Set a Sand stone 15 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. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.05	The corner to sections 29, 30, 31 and 32.
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West 6th Principal Meridian.

Chains	West, on a random line between Sections 30 and 31. Variation 15° 50' East.
	Over rolling land.
39.00	Cross Road, bears, N. W. and S. E.
40.00	Set temporary ¼ sec. cor.
45.00	Cross Ravine, Course. N. E.
77.00	Intersect W. B. of Tp. 57 lks. North of cor. to secs. 25, 30, 31 & 36 from which corner, I run N. 89° 26' E. on a true line, between sections 30 and 31, Variation 15° ~~50'~~ 20' East.
37.00	Set a Sand stone 14 x 9 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. from which an Elder, 11 ins. diam. bears North 8 lks. dist. marked ¼ S. B. T.
77.00	The corner to sections 29, 30, 31 and 32. Land rolling. Soil 2nd rate Vegetation of Bunchgrass and Timber of Elder,

Township 32 North Range 52 West 6th Principal Meridian

Chains	North, between Sections 29 and 30. Variation 15° 50' East.
1.00	Foot of Slope and enter rolling prairie.
18.00	Cross Road, bears, E. and W.
40.00	Set a Sand stone 14 x 10 x 5 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
67.00	Cross Creek, 20 lks. wide, Course N. E.
80.00	Set a Sand stone 16 x 12 x 5 ins. 11 ins. in the ground for Cor. to Secs. 19, 20, 29 & 30 marked with 2 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base. Land rolling. Soil 2nd rate Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15° 45' East.
	Over rolling land.
8.50	Cross Creek, 25 lks. wide, Course N.E.
40.00	Set temporary ¼ sec. cor.
79.86	Intersect N. & S. line, 10 lks. North of cor. to secs. 20, 21, 28 & 29 from which corner, I run N. 89° 56' W. on a true line between sections 20 and 29. Variation 15° 45' East,
39.93	Set a Sandstone 15 x 11 x 6 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and ∅. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.86	The corner to sections 19, 20, 29 and 30. Land rolling. Soil 2nd rate Vegetation & Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15° 45' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
77.05	Intersect N.B. of Tp. 23 lks. North of cor. to secs. 19, 24, 25 & 30 from which corner, I run N. 89° 50' E. on a true line, between sections 19 and 30. Variation 15° 45' East.
37.05	Set a Sandstone 15 x 9 x 4 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and ∅. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
77.05	The corner to sections 19, 20, 29 and 30. Land rolling. Soil 2nd rate Vegetation & Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 19 and 20. Variation 15° 45' East.
	Descend.
30.00	Foot of Butte, brass E. & W. and ascend.
36.00	Top of, Rattlebars E. and W. and descend.
40.00	Set a Sand stone 12 x 8 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
41.00	Foot of Butte, brass E. and W.
80.00	Set a Sand stone 20 x 12 x 6 ins. 10 ins. in the ground for Cor. to Secs. 17, 18, 19 & 20 marked with 3 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land broken
	Soil 2nd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15° 50' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
75.00	Cross Ravine, Course. N. E.
79.97	Intersect N. & S. line, 40 lks. North of cor. to secs. 16, 17, 20 & 21 from which corner, I run N. 89° 48' W. on a true line between sections 17 & 20. Variation 15° 50' East.
39.98	Set a Sand stone 14 x 10 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.97	The corner to sections 17, 18, 19 and 20.
	Land rolling.
	Soil 3rd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	West, on a random line between Sections 18 and 19. Variation 15° 50' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
71.00	Cross Road, bears, N.E. and S.W.
78.24	Intersect W.B. of Tp. 6 lks. North of cor. to secs. 13, 18, 19 & 24 from which corner, I run. N. 81° 57' E. on a true line, between sections 18 and 19. Variation 15° 50' East.
37.24	Set a Sandstone 14 x 12 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
77.24	The corner to sections 17, 18, 19 and 20. Land rolling. Soil 2nd rate Vegetation of Bunchgrass. June 19th 1882.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, between Sections 17 and 18. Variation 15° 50' East.
	Over rolling land.
39.50	Cross Road, bears, N.E. and S.W.
40.00	Set a Sandstone 14 x 10 x 3 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.50	Cross Little Cottonwood Creek, 12 lks. wide, Course E.
80.00	Set a Sandstone 22x14x4 ins. 16 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 2nd rate Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 8 and 17. Variation 15° 45' East.
	Over rolling land.
8.00	Cross Little Cottonwood Creek, 8 lks. wide, Course N.E.
40.00	Set temporary ¼ sec. cor.
45.00	Cross Road, bears, N.E. and S.W.
79.70	Intersect N. & S. line, 12 lks. North of cor. to secs. 8, 9, 16 and 17 from which corner, I run N. 89° 55 W. on a true line between sections 8 and 17. Variation 15° 45' East.
39.85	Set a Post stone 16 x 8 x 4 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., N. and O. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.70	The corner to sections 7, 8, 17 and 18. Land rolling. Soil 2nd rate Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18. Variation 15° 45' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
77.18	Intersect W. B. of Tp. 31 lks. North of cor. to secs. 7, 12, 13 & 18 from which corner, I run N. 89° 47' E. on a true line, between sections 7 & 18. Variation 15° 45' East.
37.18	Set a Post stone 14 x 12 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and O. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
77.18	The corner to sections 7, 8, 17 and 18. Land rolling. Soil 2nd rate Vegetation of Bunchgrass and Weeds.

Township 32 North Range 52 West
6th Principal Meridian

Chains	North, between Sections 7 and 8. Variation 15° 45' East.
	Over rolling land.
40.00	Set a Sand stone 14 x 10 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sand stone 20 x 12 x 4 ins. 15 ins. in the ground for Cor. to Secs. 5, 6, 7 and 8 marked with 5 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	East, on a random line between Sections 5 and 8. Variation 15° 45' East.
	Over rolling land.
23.00	Cross Ravine, Course. N. E.
40.00	Set temporary ¼ sec. cor.
79.53	Intersect N. & S. line, 15 lks. South of cor. to secs. 4, 5, 8 and 9 from which corner, I run N. 89° 54' W. on a true line between sections 5 and 8. Variation 15° 45' East.
39.76	Set a Sand stone 16 x 12 x 6 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.58	The corner to sections 5, 6, 7 and 8.
	Land rolling.
	Soil 3rd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian

Chains	West, on a random line between Sections 6 and 7. Variation 15° 45' East.
	Over rolling land.
40.00	*Set temporary ¼ sec. cor.*
77.30	*Intersect W. B. of Tp. 7 lks. South of cor. to secs. 1, 6, 7 & 12, from which corner, I run N. 89° 57' E. on a true line, between sections 6 and 7.* Variation 15° 45' East.
37.30	*Set a Sand stone 16 x 10 x 3 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
77.30	*The corner to sections 5, 6, 7 and 8.*
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass.

Township 32 North Range 52 West
6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 5 and 6. Variation 15° 45' East.
	Over rolling land.
15.00	*Cross Ravine, Course E.*
40.00	*Set a Sand stone 18 x 10 x 6 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
81.00	*Cross Creek, Branch of Little Cottonwood lks. wide, Course N. E.*
81.46	*Intersect the 8th Standard Parallel North at a point 3.46 chs. East. of the Standard Cor. to Secs. 32 & 33. T. 33 N., R. 52 W. at which point I.*
	Set a Sand stone 24 x 14 x 8 ins. 18 ins. in the ground for Closing Cor. to Secs. 5 and 6 marked C. C. with 5 notches on E. and 1 notch on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	June 20th 1882.

GENERAL DESCRIPTION.

The surface of this Township is nearly all gently rolling, with soil of 2nd rate and covered with a fine growth of Bunchgrass making it valuable for grazing purposes.

It is well watered by White River, Little Cottonwood Creek and their tributaries, which supply plenty of water for irrigating purposes, though many parts of Tp. do not need irrigating for agricultural purposes.

There is a little Cottonwood timber along the Creeks.

Mr. Smith's ranch and improvements are in Sec. 4 and Mr. Mayfield's in Sec. 24.

There is a large meadow in Secs. 3 and 4.

The Sidney and Deadwood stage and freight road, crosses the Central part of the Tp.

There is a Settler's claim in the East half of Sec. 35.

U. S. Surveyor General's Office.

Plattsmouth Neb. Feb 5th 1883

The foregoing Field Notes of the surveys of the Subdivisional Lines of Township No 32 North, of Range No 12 East of the Principal Base and Meridian in the State of Nebraska executed by Charles Buchanan No 3 U. S. Deputy Surveyor, under his contract dated November 11th 1881 on the Month of June 1882 having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

Geo Sumner
U. S. Surveyor-General ~~for~~

General Land Office • Original Field Notes

Book Number

704

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.