General Land Office • Original Field Notes

Book Number

563

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.

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Field Notes

of the survey of the
Retracement of the exterior and subdivisions
of
Township No 29 north, of the Base Line
Range No 33 west of the 6th Principal
Meridian in Nebraska
as surveyed
by
A. C. McElroy
U. S. Deputy Surveyor
Under his Contract
No 12.
Dated August 29th 1882.

Survey Commenced November 10, 1882
Survey Completed November 21, 1882

Names and duties of Assistants

J. L. McElroy	Compassman
Frank George	Chainman
L Vardaman	chainman
J W Meals	Rodsman
Wm E Fish	Flagman

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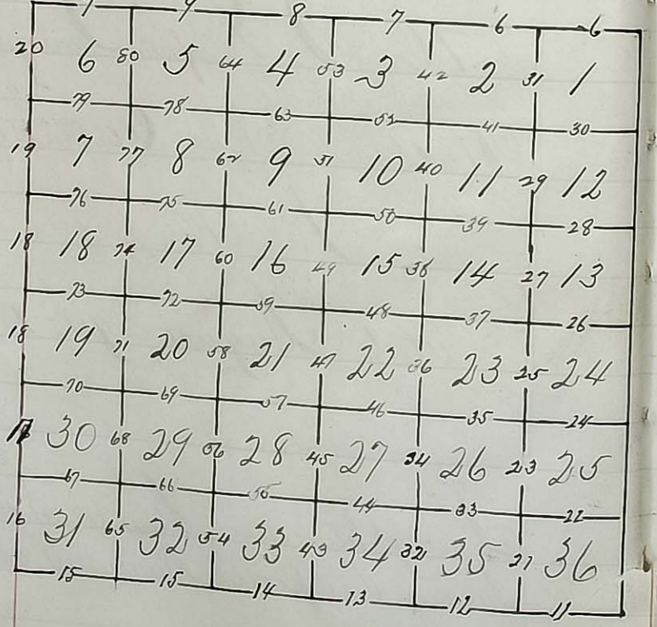
Township 29 north — Range 8 East



Preliminary Oaths of Assistants

We Frank George & L Vardaman do solemnly swear that we will well & 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 and that we will report the true distance to all natural objects and the true length of all lines that we assist in measuring to the best of our skill & ability.

Frank George
L Vardaman

Subscribed & sworn to before me this 15th day of September 1852.

Charles H Lemmon
[Seal] U S Commissioner Dist of Nebraska

I J W Meals do solemnly swear that I will well and truly perform the duties of rodsman according to instructions given and to the best

of my ability

J W his x mark Means

Subscribed and sworn to before me this 10th day of September 1882.

Charles H Carnell

[Seal] US Commissioner Dist of Nebraska

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

Wm E Fish

Subscribed and sworn to before me this 10th day of September, 1882.

Charles H Carnell

[Seal] US Commissioner Dist of Nebraska

The boundaries of this township are retraced for the reason that the exterior were run a number of years ago, and through the action of the weather, and various other causes, such as cattle, &c, the corners were in bad shape, most of the mounds being level, pits filled up, and stakes frequently being gone. For correct subdivision it is necessary that exterior be in proper shape, and 1/4 Sec cors on exterior are only reached by retracements.

Retracements T29 N R33 W.

On the night of November 14th 1882 I took an observation on the Star Polaris in accordance with instructions in the manual of surveys and drove pickets in the line then established.

Survey commenced November 15th 1882 with a Burt's Improved Solar Compass.

Before commencing this survey I tested my compass on the line established last night and find it correct.

During the execution of this survey my compass was tested by taking the latitude every day that the sun shone at meridian.

In commencing the survey of this Township I first retraced the exterior boundaries beginning at the Cor. to townships 29 & 30 north, Ranges 32 & 33 west, which Cor. is in the 6th Guide Meridian and is a mound of earth 2½ ft high 5 ft base near it, with pits N, E, S and W of Cor. 6 ft dist around Ash post 3 x 3 ins square 12 ins above center of mound marked:-

R 32 W T 30 N 31 on N E

R 32 W T 29 N 36 on S E

Retracements of N. Bd.

R33W T29N S1 on S W and
R33W T30N S36 on NW faces with 6
notches on each cor of brass, I run
Thence N89°35'W along the North boundary of Sec 1
Va 13° 56' E
40.00 to 1/4 Sec Cor. found mound lime and
pits nearly full, Rebuilt mound of
earth 2 ft high 4½ ft base mix it
from pits 24 x 18 x 12 ins E+W of Cor 5½ ft dis
80.00 to Cor to Secs 1 & 2, found mound lime and pits
nearly full, Rebuilt mound of earth
2½ ft high 6 ft base mix it from pits
24 x 24 x 12 ins N.S. E+W of Cor 6 ft dist, and
set red cedar stake 2 ins square
12 ins above the ground in E pit marked:
T 30 N on N
R 33 W on W
T 29 N on S faces with 1 notch on E and
5 notches on W faces

Thence N89°38'W along the north boundary of Sec 2.
Va 13° 56' E
40.00 to 1/4 Sec Cor found mound lime and pits

nearly full, Rebuilt mound of earth
2 ft high 4½ ft base mix it from pits
24 x 18 x 12 ins E+W of Cor 5½ ft dist
80.00 to Cor to Secs 2 & 3, which cor, is a mound
of earth 2½ ft high 6 ft base mix it with
pits 24 x 24 x 12 ins N S & W of Cor 6 ft dist
and red cedar stake 2 ins square 12
ins above the ground in E pit marked
T 30 N on N
R 33 W on W and
T 29 N on S faces with 2 notches on E and
4 notches on W faces.

Thence N89°38'W along the north boundary of Sec 3
Va 13° 56' E
40.00 to 1/4 Sec Cor which is a mound of earth 2
ft high 4½ ft base mix it, with pits
24 x 18 x 12 ins E+W of Cor 5½ ft dist
80.00 to Cor to Secs 3 & 4, which cor is a mound
of earth 2½ ft high 6 ft base mix it with
pits 24 x 24 x 12 ins N.S. E+W of Cor 6 ft
dist, and red cedar stake 2 ins
square in E pit marked

Retracements

T 30 N on N
R 33 W on W and
T 29 N on S faces with 3 notches on E & W faces

Thence ~~west~~ N 89° 38' W along the north boundary of Sec 4
Va 13 ° 56 ' E

40.00 to 1/4 Sec Cor. found mound lime and pits nearly full, Rebuilt mound of earth 2 ft high 4½ ft base mix it, from pits 24 x 18 x 12 ins E & W of Cor 5½ ft dist

80.00 to Cor to Secs 4 & 5, which cor. is a mound of earth 2½ ft high 8 ft base mix it with pits 24 x 24 x 12 ins N.S. E & W of Cor 6 ft dist, with red cedar stake 2 ins square 12 ins above the ground in E pit marked
T 30 N on N
R 33 W on W and
T 29 N on S faces with 4 notches on E and 2 notches on W faces

T 29 N R 33 W

Thence ~~west~~ N 89° 38' W along the north boundary of Sec 5
Va 13 ° 56 ' E

40.00 to 1/4 Sec Cor. which is a mound of earth 2 ft high 4½ ft base mix it with pits 24 x 18 x 12 ins E & W of Cor 5½ ft dist

80.00 to Cor to Secs 5 & 6 which cor is a mound of earth 2½ ft high 8 ft base mix it, with pits 24 x 24 x 12 ins N S E & W of Cor 6 ft dist. and red cedar stake 2 ins square 12 ins above the ground in E pit marked
T 30 N on N
R 33 W on W and
T 29 N on S faces with 5 notches on E and 1 notch on W faces.

Thence ~~west~~ N 89° 38' W along the north boundary of Sec 6
Va 13 ° 56 ' E

40.00 to 1/4 Sec cor. found mound lime and pits nearly full, Rebuilt mound of earth 2 ft high 4½ ft base mix it from pits 24 x 18 x 12 ins E & W of

Retracements

Cor 5½ ft dist

80.00 to the Cor to townships 29 & 30 North Ranges 33 & 34 west, which Cor is a mound of earth 2½ ft high 5 ft base over it with pits NE. SE, SW and NW of Cor 6 ft dist, and red cedar stake 2 ins square 12 ins above the ground in SE pit marked R33W T30N S31 on NE
R33W T29N S6 on SE
R34W T29N S1 on SW and
R34W T30N S36 on NW faces with 6 notches on each Cor of post.

Nov 15. 1882

that corresponds to

T29N R33W

Thence the Cor to townships 28 & 29 north Ranges 32 & 33 west, which Cor is on the 7th Standard Parallel north and is a mound of earth 2½ ft high 5 ft base over it, from pits 24 x 24 x 12 ins E W & N of Cor 6 ft dist with red cedar post 3 x 3 ins square projecting 12 ins above center of mound marked T29N R32W on N
T29N S6 on S
S31 on E and
S36 on W faces with 6 notches on each Cor of post.

Drum N89°55' West on the 7th Standard Parallel along the South boundary of Sec 36
Va 13° 52' E

40.00 6 1/4 Sec Cor, which is a mound of earth 3 ft high 4½ ft base over it from pits 24 x 18 x 12 ins E & W of Cor 5½ ft dist and red cedar post 2 x 3 ins square 12 ins above the ground in E pit marked 1/4 S on N face

80.00 6 Cor to Secs 35 & 36, which cor is a mound of earth 2½ ft high 5 ft base over it with pits 24 x 24 x 12

Retracements S. Bdy.

E W & N of Cor 6 ft dist with red cedar post 2 ins square, 12 ins above the ground in E pit marked:-
T29 N R33 W on N
T28 N S C on S
S 36 on E and
S 35 on W faces
with 1 notch on E and 5 notches on W faces.

Thence N89°55' west along the Standard Parallel along the South boundary of Sec 35
Va 13° 52' E

40.00 To 1/4 Sec Cor which is a mound of earth 2 ft high 4½ ft base over it found pits 24 x 18 x 12 ins E & W of Cor 5½ ft dist and red cedar post 2 x 3 ins square, 12 ins above the ground in E pit marked 1/4 S on N face

80.00 To Cor to Secs 34 & 35, which cor is a mound of earth 2½ ft high 5 ft base over it with pits 24 x 24 x 12 ins E W & N of Cor 6 ft dist with red cedar post 2 ins square, 12 ins above the ground in E pit marked.

T29 N R33 W

T29 N R33 W on N
T28 N S 6 on S
S 35 on E and
S 34 on W faces
with 2 notches on E & 4 notches on W faces

Thence N89°55' west along the Std Parallel along the South boundary of Sec 34
Va 13° 52' E

40.00 To 1/4 Sec Cor. which is a mound of earth 2 ft high 4½ ft base over it found pits 24 x 18 x 12 ins E & W of Cor 5½ ft dist and red cedar post 2 x 3 ins square 12 ins above the ground in E pit marked 1/4 S on N face.

80.00 To Cor to Secs 33 & 34 which cor is a mound of earth 2½ ft high 5 ft base over it with pits 24 x 24 x 12 ins E W & N of Cor 6 ft dist with red cedar post 2 ins square 12 ins above the ground in E pit marked:-
T29 N R33 W on N
T28 N S 6 on S

Retracements

S34 on E and
S33 on W faces,
with 3 notches on E and W faces.

Thence N89°55' west along the 7th Standard Parallel along the South boundary of Sec 33

Va 13° 52' E

40.00 To 1/4 Sec Cor, which is a mound of earth 2 ft high 4½ ft base over it from pits 24 18 x 12 ins E and W of cor 5½ ft dist and red cedar post 2 x 3 ins square 12 ins above the ground in E pit marked 1/4 S on N face

50.00 To Cor to Secs 32 x 33 which cor is a mound of earth 2½ ft high 6 ft base over it, with pits 24 x 24 x 12 ins E W x N of cor 6 ft dist with red cedar post 2 ins square 12 ins above ground in E pit marked:-

T29 N R33W on N
T28 N S on S
S33 on E and
S32 on W faces,
with 4 notches on E and 2 notches on W faces.

T29N R33W.

Thence N89°55' west along the 7th Standard Parallel along the South boundary of Sec 32,

Va 13° 52' E

40.00 To 1/4 Sec Cor, which is a mound of earth 2 ft high 4½ ft base over it from pits 24 x 18 x 12 ins E & W of cor 5½ ft dist, and red cedar post 2 x 3 ins square 12 ins above the ground in E pit marked 1/4 S on N face

50.00 To Cor to Secs 31 x 32 which cor is a mound of earth 2½ ft high 6 ft base over it with pits 24 x 24 x 12 ins E & W of cor 6 ft dist, with red cedar post 2 ins square 12 ins above the ground in E pit marked:-

T29 N R33W on N
T28 N S on S
S32 on E and
S31 on W faces,
with 5 notches on E and 1 notch on W faces.

Thence N89°55' west along the 7th Standard Parallel along the South boundary of Sec 31

Retracements F. M. Ba

T29 N R33 W

Va 13° 52' E

40.00 To 1/4 Sec Cor which is a mound of earth 2 ft high 4½ ft base over it with pits 24x18x12 ins E & W of cor 6½ ft dist., and red cedar stake 2 x 3 ins square 12 ins above ground in E pit marked 1/4 S on N face.

50.00 To Cor to Townships 28 and 29 north Ranges 33 and 34 west which cor is a mound of earth 2½ ft high 6 ft base over it, from pits 24x24x12 ins E & W and N of cor 6 ft dist with red cedar post 3 ins square in E pit 12 ins above ground marked
T29N R33W on N
T28N R6 W S
T31 W E and
T36 W W faces
with 6 notches on each Cor of post.

Thence
North along the west boundary of Sec 31
Va 13° 58' E

40.00 to 1/4 Sec Cor, which is a mound of earth 2 ft high 4½ ft base over it with pits 24x18x12 ins N & S of Cor 6½ ft dist, and red cedar stake 2 x 3 ins square 12 ins above ground in E pit marked 1/4 S on N face

50.00 to cor to Secs 30 & 31, which cor is a mound of earth 2½ ft high 6 ft base over it with pits 24x24x12 ins N & W & E of cor 6 ft dist, with red cedar stake 2 ins square 12 ins above the ground in E pit marked:-
T 29 N on N
R 33 W on E and
R 34 W on W faces.
with 6 notches on N and 1 notch on S faces.

Thence north along the west boundary of Sec 30
Va 13° 58' E

40.00 to 1/4 Sec cor, which is a mound of earth 2 ft high 4½ ft base over it, with pits 24x18x12 ins N & S of cor 6½ ft dist, and red cedar stake 2 x 3 ins square 12 ins above ground in E pit marked 1/4 S on N face

50.00 to cor to Secs 19 & 30 which cor is a mound of earth 2½ ft high 6 ft base over it, with pits 24x24x12 ins N & S & W of cor 6 ft dist, with red cedar stake 2 ins square 12 ins above the ground in E pit marked: T29N on N R33 W on E and R 34 W on W faces with 4 notches on N and 2 notches on S edges.

Retracements

Thence north along the west boundary of Sec 19,
Var 13° 58' E

40.00 to 1/4 Sec Cor. found mound two and pits nearly full. Scribed mound of earth 2 ft high 4½ ft base over it from pits 24 x 8 x 12 ins N & S of cor 5½ ft dist

80.00 to cor to Secs 18 & 19, which cor is a mound of earth 2½ ft high 5 ft base over it, with pits 24 x 24 x 12 ins N. S. E & W of cor 6 ft dist, and red cedar stake 2 ins square 12 ins above the ground in E pit marked
T29 N on N
R33 W on E
R34 W on W
and 3 notches on N and 3 faces.

Thence north along the west boundary of Sec 18
Var 13° 58' E

40.00 to 1/4 Sec Cor. which is a mound of earth 2 ft high 4½ ft base over it with pits 24 x 8 x 12 ins N & S of cor 5½ ft dist.

80.00 to cor to Secs 7 & 18, which cor is a mound of earth 2½ ft high 5 ft base over it with pits 24 x 24 x 12 ins N. S. E & W of cor 6 ft dist and red cedar stake 2 ins

T29 N R33 W.

square 12 ins above the ground in E pit marked
T29 N on N
R33 W on E
R34 W on W
and 2 notches on N and 4 notches on S faces

Thence north along the west boundary of Sec 7
Var 13° 58 E

40.00 to 1/4 Sec cor. which is a mound of earth 2 ft high 4½ ft base over it, with pits 24 x 8 x 12 ins N & S of cor 5½ ft dist.

80.00 to cor to Secs 6 & 7 which cor is a mound of earth 2½ ft high 5 ft base over it with pits 24 x 24 x 12 ins N. S. E & W of cor 6 ft dist and red cedar stake 2 ins square 12 ins above the ground in E pit marked:-
T29 N on N
R 33 W on E
R 34 W on W
and 1 notch on N and 5 notches on S faces

Retracement T29N R33W.

Thence north along the west boundary of Sec 6.

Va 13° 08' E

40.00 To 1/4 Sec Cor. which is a mound of earth 2 ft high 4½ ft base over it with pits 24x18x12 ins N & S of cor 5½ ft dist.

80.00 To Cor to Townships 29 and 30 North Ranges 33 and 34 west which cor is a mound of earth 2½ ft high 5 ft base over it with pits 24x24x12 ins NE, SE & SW and NW of Cor 6 ft dist and red cedar stake 2 ins square 12 ins in the ground in SE pit marked

R33W R30 N S31 on NE
R33W T29N S6 on SE
R34W T29N S1 on SW and
R34W T30N S36 on NW faces
with 8 notches on each cor of post.

Nov 16, 1882.

Subdivision T29N R33W

From the cor. to secs 35 & 36 on the south boundary of the township which cor. is a mound of earth 2½ ft high 5 ft base over it with pits, 24x24x12 ins SW & N of cor 6 ft dist., with red cedar stake 2 ins square, 12 ins above the ground in S pit marked:-

T29N R33W on N
T28N S6 on S
S36 on E and
S35 on W faces with 1 notch on E and 5 notches on W faces

Run North dist. Secs 35 and 36

Va 13° 48' E

40.00 Drove a charred stake 12 ins in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins N & S of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In N pit Drove a cedar stake 2 ins square, 2 ft long 12 ins in the ground marked 1/4 S on N face.

80.00 Drove a charred stake 12 ins in the ground for Cor to Secs 25, 26, 35 & 36, dug pits 18x18x12 ins in each sec 5½ ft dist. and raised mound of earth 2 ft high 4½ ft base over it. In N pit Drove a cedar stake 2 ins square 2 ft long 12 ins in the ground marked

T29N S25 on NE

R 33 W S 36 on S E
S 35 on S W and
S 26 on N W faces with notch on S and E edges.
Land rolling
Soil 3rd rate.

East on a random line bet Secs 25 & 36,
Va 16° 48' E

40.00 Set temporary 1/4 sec cor.

80.12 Intersect east boundary of township at 20 lks N of cor to Secs 25 & 36 on the 4th Guide Meridian, which cor is a mound of earth 2½ ft high 6 ft base over it, with pits 24x24x12 ins N.S. & W of cor 6 ft dist, with red cedar post in center of mound marked:-
T 29 N on N
R 33 W on E
R 3333 W on W faces, with one notch in S and E notches on N faces. Thence I run N 89° 51' W on a true line bet secs 25 & 36 with same va

40.06 Drive a charred stake 12 ins in the ground for 1/4 sec cor, dig pits 18x18x12 ins E & W of post 6½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it, In N & pit drive a cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on E face.

80.12 The cor to Secs 25, 26, 35 & 36.
Land rolling
Soil 2nd rate.

North bet Secs ~~24~~ 25 & 26
Va 16° 48' E

40.00 Drive a charred stake 12 ins in the ground for 1/4 sec cor, dig pits 18x18x12 ins N & S of post 6½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In N & pit drive a cedar stake 2 ins square, 2 ft long 12 ins in the ground marked 1/4 S on N face.

80.00 Drive a charred stake 12 ins in the ground for cor to Secs 23, 24, 25 & 26, dig pits 18x18x12 ins in each sec 6½ ft dist and raised mound of earth 2 ft high 4½ ft base over it. In N & pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-
T 29 N S 24 on NE
R 33 W S 25 on SE
S 26 on S W and
S 26 on N W faces with 2 notches on S and notch on E edge

Land rolling
Soil 3rd rate.

East on a random line bet secs 24 & 25
Va 13° 48' E

3.00 Descend.
21.00 Foot of hill, 50 ft high, enter valley trees N&S.
40.00 Set temporary 1/4 sec cor,
80.12 Intersect east boundary of township at 14 lks N of cor to secs 24 & 25, in 4th Guide meridian, which cor is mound of earth 2½ ft high, 6 ft base over it with pits 24x24x2 ins N & S rows of cor 6 ft dist and red cedar post in south of mound marked:-
T29N on N
R88W on E
R88W on W faces,
with 2 notches on S and 4 notches on N faces.
Thence, N 89° 54' W on a true line bet Secs 24 & 25
with varn va,
40.06 Drive a charred stake 12 ins in the ground for 1/4 Sec cor, dug pits 18x18x12 ins E&W of cor 6½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drive a cedar stake 2 ins square, 2 ft long, 12 ins in the ground marked 1/4 5 on E face
80.12 The cor to Secs. 23. 24. 25 & 26
Land, west 21 chs rolling, Soil 3rd rate,
balance level, soil 2 rate.

North bet Secs 23 & 24.
Va 13° 48' E.
40.00 Drive a charred stake 12 ins in the ground for 1/4 Sec cor, dug pits 18x18x12 ins N&S of post 6½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drive a cedar stake 2 ins square, 2 ft long 12 ins in the ground marked 1/4 5 on N face
48.00 Descend
70.00 Foot of hill, 50 ft high, enter valley trees E & W.
80.00 Drive a charred stake 12 ins in the ground for Cor to Secs 13, 14, 23 & 24, dug pits 18x18x12 ins in each sec., 6½ ft dist, and raised mound of earth 2 ft high 4½ ft base over it. In S pit drive a cedar stake 2 ins square 2 ft long, 12 ins in the ground marked:-
T29N 013 on NE
R88W S 24 on SE
023 on SW and
S 14 on NW faces, with 3 notches on S & 1 notch on E faces,
Land; south 70 chs rolling Soil 3rd rate, balance level 2nd rate,

Subdivisions

East on a random line bet Secs 13 & 24
Va 13° 48' E

40.00 Set temporary ¼ sec. cor.

80.26 Intersect east bound any of township at 32.26 lks N of cor to Secs 13 & 24, on 4th Guide Meridian, ~~which cor is a mound of earth 2½ ft high 6 ft base on it with pits 24x24x12 ins N & S. E & W of cor 6 ft dist. and red cedar post in the center of mound marked:-~~

T29N on N
R62W on E
R63W on W face, with 3 notches on N & S faces.

Thence N89°46' W on a true line bet Secs 13 & 24 with same Va

40.13 Drive a charred stake 12 ins in the ground for ¼ Sec cor. dug pits 18x18x12 ins E & W of post 6½ ft dist, and raised mound of earth 1½ ft high 3½ ft base on it, In E pit drive a cedar stake 2 ins square 2 ft long 12 ins in the ground marked "40 on E face.

80.26 The cor to Secs, 13, 14, 23 and 24,
Land level
Soil 2nd rate

T29N R63W.

North bet Secs 13 & 14
Va 13° 48' E

18.00 Leave valley bears N70 E 8 W and ascend.

40.00 Top of ridge, 40 ft high.

Drive a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18x18x12 ins N & S of post 6½ ft dist and raised mound of earth 1½ ft high 3½ ft base on it, In N pit drive a cedar stake 2 ins square 2 ft long 12 ins in the ground marked "40 on N face. Thence in valley ground

80.00 Drive a charred stake 12 ins in the ground for cor to Secs 11, 12, 13 & 14, dug pits 18x18x12 ins in each dist 6½ ft dist, and raised mound of earth 2 ft high 4½ ft base on it. In S to pit drive a cedar stake 2 ins square 2 ft long, 12 ins in the ground marked:-

T29N S12 on NE
R63W S13 on SE
S14 on SW and
S11 on NW face, with 4 notches on S and 1 notch on E face.

Land: South 18 chs level Soil 2nd rate
Ballast running, Soil 3rd rate.

East on a random line left sec 12 & 13
Va 13° 48' E

40.00 Set temporary 1/4 sec cor.

80.46 Intersect east boundary of township at 44 lks N of cor to secs 12 & 13, on 4th guide meridian, which cor is a mound of earth 2½ ft high 5 ft base over it, with pits 24 x 24 x 18 ins N & S & W of cor 6 ft dist, with red cedar post in the center of mound marked:-

T 29 N on N
R 33 W on E

R 33 W on W faces with 4 notches on S & 2 notches on N faces

Thence N 89° 41' W on a true line left secs 12 & 13 with same va

40.23 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18 x 18 x 12 ins E & W of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove a cedar stake 2 ins square 2 ft long 12 ins in the ground marked "40 on E face.

80.46 Set cor to secs 11, 12, 13 & 14

Land rolling

Soil 3rd rate.

North left secs 11 & 12
Va 13° 48' E

Descend.

19.00 Foot of ridge, bears S & W. Enter valley 60 ft deep.

40.00 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18 x 18 x 12 ins N & S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove a cedar stake 2 ins square 2 ft long 12 ins in the ground marked "40 on N face.

47.00 Leave valley, bears N & W and S W and ascend.

72.00 Top of ridge and descend 40 ft

80.00 Drove a charred stake 12 ins in the ground for Cor to secs 1, 2, 11 & 12, dug pits 18 x 18 x 12 ins in each sec, 5½ ft dist, and raised mound of earth 2 ft high 4½ ft base over it. In S & E pit drove a cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-

T 29 N D 1 on N E
R 33 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 & W faces

Land:- South 19 and north 33 chs rolling soil 3rd rate,
Balance level and soil 2nd rate.

East on a random line bet secs 1 & 12
va 13° 48' E

40, 00 Set temporary 1/4 sec cor.

80, 36 Intersect east boundary of township at 42 lks N of cor to secs 1 & 12 on 4th guide meridian, which cor is a mound of earth 2½ ft high 5 ft base over it, with pits 24x24x18 ins N & S & E & W of cor 6 ft dist, and red cedar post in center of mound marked:-

T 29 N on N

R 33 W on E

R 33 W on W faces with 5 notches on S and 1 notch on E face

Thence N 89°42' W on a true line bet secs 1 & 12
with same va.

40, 18 Drive a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins S & W of post 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base over it, In E pit drive a cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 on E face.

80 36 The cor to secs 1, 2, 11 & 12
Land rolling
Soil 2nd rate.

North on a random line bet secs 1 and 2
va 13° 48' E

Descend

26, 00 Foot of Ridge 60 ft high, bears E & W, enter valley.

40, 00 Set temporary 1/4 sec cor.

68, 00 Leave valley, bears E and W and ascend.

80, 25 Intersect north boundary of township at 35 lks W of cor to secs 1 & 2, which cor is a mound of earth 2½ ft high 5 ft base over it with pits 24x24x12 ins N & S & E & W of cor 6 ft dist, and red cedar stake 2 ins square 12 ins above the ground in E pit marked:-

T 30 N on N

R 33 W on W

T 29 N on S faces with 1 notch on E and 5 notches on W faces

Thence S 0° 15' W on a true line bet secs 1 & 2
with same va

40, 25 Drive a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it, In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face.

80, 25 The cor to secs 1, 2, 11 & 12,
Land diversified with 26 and north 12 chs rolling soil 3rd rate
balance level, soil 2nd rate.

Subdivisions

From the cor to secs 34 & 35 on the south boundary of the township, ~~which is a mound of earth 2½ ft high 6 ft base over it, with pits 24 x 24 x 12 ins E & W of N & S of cor 6 ft dist, with red cedar stake 2 ins square 12 ins above the ground in E pit marked:-~~

T29N R33W on N

T28N SC on S

~~S35 on E and~~

~~S34 on W faces with 2 notches in E and 4 notches in W faces.~~

I run north bet secs 34 & 35

Va 13° 48' E

40.00 Drove a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18 x 18 x 12 ins N & S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked ¼ S on N face.

80.00 Drove a charred stake 12 ins in the ground for cor to secs. 26, 27, 34 & 35, dug pits 18 x 18 x 12 ins in each sec, 5½ ft dist and raised mound of earth 2 ft high 4½ ft base over it. In S.E. pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked:- T29N S26 on NE

R33W S35 on SE

S34 on SW and

S27 on NW faces with 1 notch on S and 2 notches on E edges.

Land rolling. Soil 3rd rate.

Each on a random line bet secs 26 and 35

Va 13° 48' E

40.00 Set temporary ¼ sec cor.

79.86 Intersect N & S line at a point 7 lks S of cor to secs 26, 27, 35 & 36. Thence

S 89° 57' W on a true line bet secs 26 and 35

with same va

39.93 Drove a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18 x 18 x 12 ins S & W of post 5½ ft dist, and raised a mound of earth 1½ ft high 3½ ft base over it. In S pit drove a cedar stake 2 ins square, 2 ft long 12 ins in the ground marked ¼ S on S face.

79.86 The cor to secs 26, 27, 34 & 35

Land rolling

Soil 3rd rate.

Subdivisions

North bet secs 26 and 27
va 13° 48' E

40,00 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins N & S of post 6 1/2 ft dist and raised mound of earth 1 1/2 ft high 3 1/2 ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face

80,00 Drove a charred stake 12 ins in the ground for cor to secs 22, 23, 26 x 27, dug pits 18x18x12 ins in each sec 6 1/2 ft dist and raised mound of earth 2 ft high 4 1/2 ft base over it. In S E pit drove cedar stake 2 ins square 2 ft long, 12 ins in the ground marked:-
T 29 N S 23 on NE
R 33 W S 26 on NE
S 27 on S W and
S 22 on N W faces with 2 notches on S and E edges.
Sand rolling
Soil 3rd rate.

T 29 N R 33 W

East on a random line bet Secs 23 & 26,
va 13° 48' E

110,00 Set temporary 1/4 sec cor.

80,06 Intersect N & S line at a point 12 chs S of cor to secs. 23, 24, 25 & 26. Thence S 89° 55' W on a true line bet secs 23 & 26 with same va.

40,03 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins E & W of post 6 1/2 ft dist., and raised mound of earth 1 1/2 ft high 3 1/2 ft base over it. In E pit drove a cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on E face.

80,06 The cor to secs 22, 23, 26 and 27.
Sand rolling
Soil 3rd rate

Nov 17th 1882

Subdivisions

North bet Secs 22 and 23
va 18° 48' E.

40.00 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked "¼ S on N face.

60.00 Foot of hill 40 ft high enter valley bears E & W.

80.00 Drove a charred stake 12 ins in the ground for cor to Secs 14, 15, 22 & 23, dug pits 18x18x12 ins in each N & S 15½ ft dist and raised mound of earth 2 ft high 4½ ft base over it. In S & E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked
T 29 N S 14 W N 6
R 33 W S 23 W S 5
S 22 W S N and
S 15 W N N faces with 3 notches on S and 2 notches on E edges.
Land; South 6 chs rolling. Soil 3rd rate
Balance level, soil 2nd rate.

T 29 N R 33 W

East on a random line bet Secs 14 and 23
va 18° 48' E

40.00 Set temporary 1/4 sec cor.

79.94 Intersect N and S line at a point 21 chs S of cor to Secs 13, 14, 23 and 24. Thence S 89° 51' W on a true line bet secs 14 and 23 with same va

39.97 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins E & W of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked "¼ S on E face.

79.94 The cor to Secs 14, 15, 22 and 23

Land level

Soil 2nd rate

North bet secs 14 and 15
Va 13° 48' E

8.00 Leave valley, bears N & W and ascend.
13.00 Top of hill, about 40 ft. high, thence on rolling land
40.00 Drove a charred stake 12 ins in the ground for 1/4 Sec cor. dug pits 18x18x12 ins N & S of point 3½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it, In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked "4 S on N face.
80.00 Drove a charred stake 12 ins in the ground for cor to Secs 10, 11, 14 & 15, dug pits 18x18x12 ins in each sec, 3½ ft dist, and raised mound of earth 2 ft high 4½ ft base over it. In S & E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-
T 29 N S 11 on N E
R 33 W S 14 on S E
S 15 on S W and
S 10 on N W faces, with 4 notches on S and 3 notches on E edges.
Land: Dark & choc loam, Soil 2nd rate
Gallanar rolling Soil 3rd rate.

East on a random line bet Secs 11 & 14
Va 13° 48' E

40.00 Set temporary 1/4 Sec cor.
79.72 Intersect N & S line at a point 28 chs S of cor to Secs 11, 12, 13 & 14 thence
S 89° 48' W on a true line bet Secs 11 & 14
with same va
139.86 Drove a charred stake 12 ins in the ground for 1/4 Sec cor. dug pits 18x18x12 ins E & W of cor 3½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it, In E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked "4 S on E face
79.72 The cor to Secs 10, 11, 14 and 15,
Land rolling
Soil 3rd rate.

20.00
12

Subdivisions

North bet secs 10 and 11
va 13° 48' E

Descend.

20.00 Foot of hill about 40 ft high, Enter valley bears E & W

34 00 Leave valley, bears E and W and ascend

40.00 Top of hill, about 40 ft high,

Drive a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it, In N pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 on N face,

80.00 Drive a charred stake 12 ins in the ground for cor to secs 2, 3, 10 and 11, dug pits 18x18x12 ins in each sec, 5½ ft dist. and raised mound of earth 2 ft high 4½ ft base over it. In SE pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-

T29N S2 on NE

R33W S11 on S E

S10 on SW and

S 3 on NW faces

with 5 notches on S and 2 notches on E edges,

Land:- north 46 and South 20 chs rolling, Soil 3rd rate

Balance, level – Soil 2nd rate.

T29N R33W

East on a random line bet secs 2 and 11
va 13° 48' E.

40.00 Set temporary 1/4 sec cor,

79.60 Intersect N & S line at a point 28 chs south of cor to secs, 1, 2, 11 & 12 Thence S89°48' W on a true line bet secs 2 & 11 with same va,

39.80 Drive a charred stake 12 ins in the ground for ¼ sec. cor. dug pits 18x18x12 ins E & W of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it, In E pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked ¼ S on E face

79.60 The cor to secs 2, 3, 10 and 11

Land rolling

Soil 3rd rate.

Subdivisions

North on a random line bet secs 2 and 3
Va 16° 48' E

11.00 Descend.
34.00 Foot of hill, about 40 ft high, enter valley bears NW & SE
40.00 Set temporary 1/4 sec cor.
58.00 Leave valley, bears NW and SE.
80.65 Intersect north boundary of township at a point 12 lks E of cor to secs 2 & 3 which cor is a mound of earth 2½ ft high 5 ft base over it with pits 24×24×12 ins N.S. E & W of cor. 6 ft dist, and red cedar stake 2 ins square 12 ins above the ground in E pit marked:-
T30N on N
R33W on W
T29N on S faces with 2 notches on E & 4 notches on N faces.
Thence S 0° 5' E on a true line bet secs 2 & 3 with same va
40.65 Drove a charred stake 12 ins in the ground for 1/4 Sec Cor. dug pits 18×18×12 ins N+S of cor 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square, 2 ft long 12 ins in the ground marked ¼ S on N face.
80.65 The cor. to secs 2, 3, 10 and 11,
Land south and north parts rolling, soil 3rd rate
Balance level, soil 2nd rate.

T29N R33W

From the cor. to secs 33 & 34 on the south boundary of the township, which is a mound of earth 2½ ft high 5 ft base over it, with pits 24×24×12 ins E & W of Cor 6 ft dist, with red cedar stake 2 ins square 12 ins above the ground in E pit marked:-
T29N R33W on N
T28N 0C on S
S34 on E and
S33 on W faces with 3 notches on E and N faces
I run north bet secs 33 and 34
Va 16° 50' E
40.00 Drove a charred stake 12 ins in the ground for ¼ Sec cor dug pits 18×18×12 ins N+S of post 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base over it. In N pit drove a cedar stake 2 ins square 2 ft long 12 ins in the ground marked ¼ S on N faces
80.00 Drove a charred stake 12 ins in the ground for cor to Secs 2, 3, 33 & 34, dug pits 18×18×12 ins in each sec, 5½ ft dist and raised mound of earth 2 ft high 4½ ft base over it. In N & E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-
T29N S27 on NE
R33W S34 on SE
S33 on SW and
S28 on NW faces, with 1 notch on S and 3 notches on E edge

Land rolling
Soil 3rd rate,

East on a random line bet secs 27 & 34
va 13° 50' E

40.00 Set temporary 1/4 Sec cor.

79.80 Intersect N&S line at a point 45 lks N of cor to Secs 26, 27, 34 & 35, thence
N 89° 41' W on a true line bet Secs 27 & 34
with same va

39.90 Drive a charred stake 12 ins in the ground for 1/4 Sec cor, dug pits 18x18x12 ins E&W of post 5½ ft diam and raised mound of earth 1½ ft high 4½ ft base over it. In E pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on E face,

79.80 The cor to Secs 27, 28, 33 & 34
Land rolling
Soil 3rd rate

North bet Secs 27 and 28.
va 13° 50' E

40.00 Drive a charred stake 12 ins in the ground for 1/4 Sec cor, dug pits 18x18x12 ins N&S of post 5½ ft diam and raised mound of earth 1½ ft high 4½ ft base over it, In N pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face,

80.00 Drive a charred stake 12 ins in the ground for cor to Secs 21, 22, 27 & 28, dug pits 18x18x12 ins in each sec, 5½ ft diam, and raised mound of earth 2 ft high 4½ ft base over it, In SE pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked
T29N 22 on NE
R33W 27 on SE
28 on SW and
21 on NW faces
with 2 notches on N and 3 notches on E. edges
Land rolling
Soil 3rd rate,

Subdivisions

East on a random line bet secs 22 & 27.
Va 13° 00' E

40.00 Set temporary 1/4 sec cor.

79.70 Intersect N+S line at a point 30 lks N of the cor to secs 22, 23, 26 & 27. Thence N 89° 47' W on a true line bet secs 22 & 27 with same va.

39.85 Drive a charred stake 12 ins in the ground for 1/4 sec cor. dug pits 18x18x12 ins E+W of post 5 1/2 ft dist and raised mound of earth 1 1/2 ft high 3 1/2 ft base over it. In E pit drive cedar stake 2 ins square 2 ft long. 12 ins in the ground marked 1/4 S on E face.

79.70 The cor to secs 21, 22, 27 & 28

Land rolling

Soil 3rd rate.

North bet secs 21 & 22
Va 13° 00' E

40.00 Drive a charred stake 12 ins in the ground for 1/4 sec cor. dug pits 18x18x12 ins N+S of post 5 1/2 ft dist and raised mound of earth 1 1/2 ft high 3 1/2 ft base over it. In N pit drive a cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face

80.00 Drive a charred stake 12 ins in the ground for cor to secs 15, 16, 21 & 22, dug pits 18x18x12 ins in each sec, 5 1/2 ft dist, and raised mound of earth 2 ft high 4 1/2 ft base over it. In S & E pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-
T29N S 15 on NE
R63W S 22 on SE
S 21 on SW and
S 16 on N W faces
with 3 notches on S and E edges.

Land rolling

Soil 3rd rate.

Subdivisions

East on a random line bet Secs 15 & 22
va 13° 50' E

40.00 Set temporary 1/4 Sec cor,

60.00 Foot of hill, 40 ft high, Enter valley bears NE & SW

79.86 Intersect N and S line at a point 16 lks N of
cor to Secs, 14, 15, 22 and 23 Sheet
N 89° 55' W on a true line bet Secs 15 and 22,
with same va

39.91 Drive a charred stake 12 ins in the ground for 1/4 Sec
cor, dig pits 18x18x12 ins S & W of post 5 1/2 ft aside
and raised mound of earth 1 1/2 ft high 3 1/2 ft base
over it, On S pit Drive a cedar stake 2 ins square 2 ft
long 12 ins in the ground marked 1/4 S on E face

79.86 Chn cor to Secs 15, 16 21 & 22

79 Land rough broken rolling Soil 3rd rate,
timbered lower part 2nd rate,

Nov 18. 1882

T29N R33W

North bet Secs 15 & 16
va 13° 50' E

40.00 Drive a charred stake 12 ins in the ground for 1/16
Sec cor, dig pits 18x18x12 ins N & S of post 5 1/2 ft aside,
and raised mound of earth 1 1/2 ft high 3 1/2 ft base
over it, In N pit Drive cedar stake 2 ins square 2
ft long 12 ins in the ground marked 1/4 S on N face

80.00 Drive a charred stake 12 ins in the ground for cor
to Secs 9, 10, 15 & 16, dig pits 18x18x12 ins in each Sec
5 1/2 ft aside and raised mound of earth 2 ft high 4 1/2 ft
base over it, In S6 pit Drive cedar stake 2 ins
square 2 ft long 12 ins in the ground marked 1/4
T29N S10 on N6
R33W S15 on E6
S16 on W and
S9 on N6 faces
with 4 notches on S and 3 notches on E Edges
Land rolling
Soil 3rd rate

Dimensions

East on a random line set Secs 10 & 15
va 13° 50' E

40.00 Set temporary 1/4 Sec cor.

80.00 Intersect N&S line at the cor to Secs 10, 11, 14 & 15.

Chain

W on a true line set Secs 10 and 15 with same va

40.00 Drove a charred stake 12 ins in the ground for 1/4 Sec cor, dug pits 18x18x12 ins E&W of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. On E pit Drove a cedar stake 3 ins square 2 ft long 12 ins in the ground marked 1/4 S on E face

80.00 The cor to Secs 9, 10, 15 and 16

Land rolling

Soil 3rd rate,

T29N R23W

North set Secs 9 & 10
va 13° 50' E

40.00 Drove a charred stake 12 ins in the ground for 1/4 Sec cor, dug pits 18x18x12 ins N&S of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. On N pit drove cedar stake 3 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face,

80.00 Drove a charred stake 12 ins in the ground for Cor to Secs 3, 4, 9 & 10, dug pits 18x18x12 ins in each 5½ ft dist and raised mound of earth 2 ft high 4½ ft base over it, On SE pit Drove a cedar stake 3 ins square 2 ft long 12 ins in the ground marked:-

T29N S3 on NE
R23W S10 on SE
S9 on SW and
S4 on NW faces
with 3 notches on S and 3 notches on E edges.

Land rolling

Soil 3rd rate

Subdivisions

East on a random line bet Secs 3 & 10
va 13° 50' E

40,00 Set temporary 1/4 sec cor

80,08 Intersect No 5 line at a point 24 lks N of
Cor to Secs 2, 3, 10 & 11 Thence

4 N 89° 50' W on a true line bet Secs 3 & 10
7 with same va.

40,04 Drive a charred stake 12 ins in the ground for 1/4
sec cor, dug pits 18x18x12 ins E & W of post 5 1/2 ft
69 dist, and raised mound of earth 1 1/2 ft high 4 1/2
ft base over it. On E pit drive cedar stake 2 ins
square 2 ft long 12 ins in the ground marked
1/4 S on E face.

80,08 The cor to Secs 3, 4, 9 & 10
79. Land rolling
Soil 3rd rate

T 29 N R 33 W

North on a random line bet Secs 3 & 4
va 13° 50' E

40,00 Set temporary 1/4 sec cor.

80,40 Intersect north boundary of township at a point 7
lks W of cor to Secs 3 & 4, which cor is a mound of earth
2 1/2 ft high 5 ft base over it with pits 24x24x12 ins N. S.
E & W of cor. 6 ft dist, and red cedar stake 2 ins square, 12
ins above the ground in E pit marked:-
T 30 N on N
R 33 W on N
T 29 N on S faces with 3 notches on E & W faces
Thence S 0° 3' W on a true line bet Secs 3 & 4
with same va

40,40 Drove a charred stake 12 ins in the ground for 1/4
sec cor, dug pits 18x18x12 ins N & S of post 5 1/2 ft dist
and raised mound of earth 1 1/2 ft high 3 1/2 ft base
over it. On N pit drove cedar stake 2 ins square
2 ft long 12 ins in the ground marked 1/4 S on N face

80,40 To the cor to Secs 3, 4, 9 & 10
Land rolling
Soil 3rd rate.

Subdivisions

From the cor to secs 32 & 33 on the north boundary of the township which cor is a mound of earth 2½ ft high 5 ft base over it, with pits 24×24×12 E. & W. & N. of cor 6 ft dist, with red cedar stake 2 ins square, 12 ins above the ground in E pit marked:- T 29 N R 33 W on N

T 28 N S C on S

S 33 on E

S 32 on W faces with 4 notches on E and 2 notches on W faces.

I run North bet secs 32 and 33

Va 16° 50' E.

40.00 Drove a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18×18×12 ins N & S of post 0½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked "4 S on N face.

80.00 Drove a charred stake 12 ins in the ground for cor to secs 28, 29, 32 & 33, dug pits 18×18×12 ins in each sec 0½ ft dist and raised mound of earth 2 ft high 4½ ft base over it. In S pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-

T 29 N R 28 on NE

R 33 W T 33 on SE

S 32 on SW and

S 29 on NW faces.

T 29 N R 33 W

with 1 notch on S and 4 notches on E edges

Land rolling

Soil 3rd rate.

East on a random line bet Secs 28 & 33

Va 13° 50' E

40.00 Set temporary ¼ sec cor.

80.12 Intersect N & S line at a point 12 lks N of cor to Secs. 27, 28, 33 & 34. Thence

N 89° 55' W on a true line bet Secs 28 & 33 with same va.

40.06 Drove a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18×18×12 ins E & W of post 0½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it, In E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked "4 S on E face

80.12 To cor to Secs, 28, 29, 32 & 33.

Land rolling

Soil 3rd rate.

Subdivisions

North bet secs 28 and 29
va 13° 50' E

40.00 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face.

80.00 Drove a charred stake 12 ins in the ground for cor to secs 20, 21, 28 & 29, dug pits 18x18x12 ins in each sec, 5½ ft dist, and raised mound of earth 2 ft high 4½ ft base over it, In S E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-
T 29 N S 21 on N E
R 33 W T 28 on S E
S 29 on S W and
S 20 on N W faces
with 2 notches on S and 4 notches on E edges.
Land rolling
Soil 3rd rate

T 29 N R 33 W

East on a random line bet secs 21 & 28
va 13° 50' E

40.00 Set temporary 1/4 sec cor.
80.00 Intersect N & S line at a point 18 lks S of cor to secs 21, 22, 27 & 28, chained S 89° 52' W on a true line bet secs 21 & 28 with same va.
40.00 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins E & W of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove cedar stake 2 ins square, 2 ft long 12 ins in the ground marked 1/4 S on E face.
80.00 The cor to secs 20, 21, 28 and 29.
Land rolling
Soil 3rd rate.

Subdivisions

North bet secs 20 & 21
va 13° 50' E

40.00 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins N & S of bout 5½ ft dist, and raised mound of ~~[illegible]~~ earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 on N face.

80.00 Drove a charred stake 12 ins in the ground for cor to secs 16, 17, 20 & 21, dug pits 18x18x12 ins in each sec 5½ ft dist, and raised mound of earth 2 ft high 4½ ft base over it. In S E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-

T29N S16 on NE
R33W S21 on SE
S20 on SW and
S17 on NW faces
with 3 notches on S and 4 notches on E edges
Land rolling
Soil 3rd rate.

T29N R33W

East on a random line bet secs 16 & 21
va 13° 50' E

40.00 Set temporary 1/4 sec cor.

79.80 Intersect N & S line at a point 15 lks S. of cor to secs 16, 16, 21 & 22 Thence S 89° 54' W, on a true line bet secs 16 & 21, with same va

39.90 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins E & W of post, 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on E face

79.80 The cor to secs 16, 17, 20 & 21
Land rolling
Soil 3rd rate.

Subdivisions

North bet secs 16 & 17
Va 13° 50' E

4 40.00 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face.

8 80.00 Drove a charred stake 12 ins in the ground for cor to secs 8, 9, 16 & 17, dug pits 18x18x12 ins in each sec, 5½ ft dist, and raised mound of earth 2 ft high 4½ ft base over it. In S.E. pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-
T29N 09 on NE
R33W 016 on SE
S17 on SW and
S8 on NW faces.
with 4 notches on SW & E edges
Land rolling
Soil 3rd rate.

T29N R33W

East on a random line bet Secs 9 & 16
Va 13° 50' E

40.00 Set temporary 1/4 Sec cor
79.68 intersect N & S line at a point 9 links S of cor to secs 9, 10, 15 & 16 thence
S 89° 56' W on a true line bet Secs 9 & 16
with same va.
39.84 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins S & W of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on E face.
79.68 The cor to secs 8, 9, 16 & 17
Land rolling
Soil 3rd rate.
Nov 19th 1882

Subdivisions

		North bet secs 8 & 9
		va 13° 50' E
4	6.00	Descend.
	26.00	Foot of hill about 35 ft high, enter valley
		bears NE and SW
	40.00	Drove a charred stake 12 ins in the ground
		for 1/4 sec cor. dug pits 18x18x12 ins N & S of
		first 5½ ft dist, and raised mound of earth
8		1½ ft high 5½ ft base over it. In N pit drove
		cedar stake 2 ins square 2 ft long 12 ins in the
		ground marked 1/4 S on N face.
	80.00	Drove a charred stake 12 ins in the ground for cor
		to secs. 4, 5, 8 & 9. dug pits 18x18x12 ins in each sec,
		5½ ft dist, and raised mound of earth 2 ft high
		4½ ft base over it. In SE pit drove cedar
		stake 2 ins square 2 ft long 12 ins in the
		ground marked:-
		T29N 04 on NE
		R33W 09 on SE
		08 on SW and
		05 on NW faces
		with 5 notches on S and 4 notches on E edges.
		Land:- South 26 chs rolling, soil 3rd rate,
		balance level, soil 2nd rate.

T29N R33W

	East on a random line bet secs 4 & 9
	va 13° 50' E
40.00	set temporary 1/4 sec. cor.
46.00	Leave valley, bears NE & SW and ascend.
80.00	Top of hill 40 ft high.
	Intersect N & S line at a point 18 lks N of
	cor to secs. 3, 4, 9 & 10 thence
	N89°52'W on a true line bet secs 4 & 9
	with same va.
40.00	Drove a charred stake 12 ins in the ground
	for 1/4 sec cor. dug pits 18x18x12 ins E & W of post
	5½ ft dist., and raised mound of earth 1½ ft
	high 5½ ft base over it. In E pit drove
	cedar stake 2 ins square 2 ft long 12 ins
	in the ground marked 1/4 S on E face.
80.00	The cor to secs 4, 5, 8 & 9.
	Land:- west 46 chs level soil 3rd rate
	balance rolling, soil 2nd rate.

Subdivisions

North on a random line bet Secs 4 & 5
va 13° 50' E

40. 40.00 Set temporary 1/4 Sec cor.

80.15 Intersect north boundary of township at cor to Secs 4 & 5, which cor is a mound of earth 2½ ft high 6 ft base over it, with pits 24×24×12 ins N & S. & on W of cor 6 ft dist., and red cedar stake 2 ins square 12 ins above ground in E pit marked:-

T30N on N

R33W on W

T29N on S faces

with 4 notches on E and 2 notches on N faces

Thence South on a true line bet Secs 4 & 5 with same va.

40.15 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18×18×12 ins N & S of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked ¼ S on N face.

80.15 The cor to Secs 4, 5, 8 & 9

Land level dry 2nd rate.

T29N R33W

From the cor to Secs 31 & 32 on the south boundary of the township which cor is a mound of earth 2½ ft high 6 ft base over it, with pits 24×24×12 ins E & W and N of cor 6 ft dist, with red cedar stake 2 ins square 12 ins above the ground in E pit marked:-

T29N R33W on N

T28N ØC on S

S32 on E and

Ø31 on W faces with 6 notches on E and 1 notch on N faces.

I run north ~~on this line~~ bet Secs 31 & 32
va 13° 51' E

40.00 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18×18×12 ins N & S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked ¼ S on N face.

80.00 Drove a charred stake 12 ins in the ground for cor to Secs 29, 30, 31 & 32, dug pits 18×18×12 ins in each sec 5½ ft dist, and raised mound of earth 2 ft high 4½ ft base over it. In E pit drove a cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-

T29N S29 on NE

R33W S32 on SE

S31 on SW and

40.0 Set 30 on N W faces
with 1 notch on S and 6 notches on E edges.
Land rolling
Soil 3rd rate

East on a random line bet Secs 29 & 32
va 13° 5' E

40.00 Set temporary 1/4 sec. cor.
80.0 80.08 Intersect N & S line at a point 31 lks N
of cor to secs 28, 29, 32 & 33 thence
N89°47' W on a true line bet Secs 29 & 32.
with same va.
40.04 Drive a charred stake 12 ins in the ground for 1/4
sec cor. dig pits 18x18x12 ins E & W of post 6 1/2 ft dist
and raised mound of earth 1 1/2 ft high 3 1/2 ft base
over it. In E pit drive cedar stake 2 ins square
2 ft long 12 ins in the ground marked 1/4 S on E face.
80.08 The cor to secs 29, 30, 31 and 32.
Land rolling
Soil 3rd rate.

West on a random line bet Secs 30 & 31
va 13° 5' E

40.00 Set temporary 1/4 sec cor.
79.72 Intersect west boundary of township at a point
35 lks S of cor to secs 31 & 32 which cor is mound
of earth 2 1/2 ft high 6 ft base over it, with pits 24 x 24
x 2 ins N & E & W of cor 6 ft dist, and red cedar stake
2 ins square 12 ins above ground in E pit marked
T29 N on N
R33W on E
R34W on W faces
with 6 notches on N and 1 notch on S faces. Thence
S89°45' E on a true line bet secs 30 & 31
with same va.
39.72 Drive a charred stake 12 ins in the ground for 1/4
sec cor. dig pits 18x18x12 ins E & W of post 6 1/2 ft
dist and raised mound of earth 1 1/2 ft high 3 1/2 ft base
over it. In E pit drive cedar stake 2 ins square
2 ft long 12 ins in the ground marked 1/4 S on E face.
79.72 The cor to secs 29, 30, 31 & 32
Land rolling
Soil 3rd rate.

Subdivisions

North bet secs 29 & 30
va 13° 51' E

40.00 — 40.00 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18×18×12 ins N & S of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked ¼ D on N face

80.00 — 80.00 Drove a charred stake 12 ins in the ground for cor to secs 19, 20, 29 & 30, dug pits 18×18×12 ins in each sec 5½ ft dist, and raised mound of earth 2 ft high 4½ ft base over it. In SE pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-
T29N S20 on NE
R33W S29 on SE
S30 on SW and
S19 on NW faces
with 2 notches on S and 3 notches on E edges
Land rolling
Soil 3rd rate,

T29N R33W

East on a random line bet secs 20 & 29
va 13° 51' E

40.00 — Set temporary ¼ sec cor.

79.80 — Intersect N & S line at a point 50 lks N of cor to secs 20, 21, 28 & 29. Thence N89°39'W on a true line secs 20 & 29 with same va,

39.90 — Drove a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18×18×12 ins E & W of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it, In E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked ¼ D on E face,

79.80 — The cor to secs 19, 20, 29 & 30
Land rolling
Soil 3rd rate,

West on a random line bet secs 19 & 30
via 13° 51' E.

40.00 Set temporary 1/4 sec cor.

78.00 Intersect west boundary of township at a point 7 lks N of cor to secs 19 & 30. which cor. is a mound of earth 2½ ft high 5 ft base over it, with pits 24x24x12 ins N. S. E & W of cor. 6 ft dist, and red cedar stake 2 ins square 12 ins above the ground in E pit marked:-

T29N on N

R33W on E

R34W on W faces

with 4 notches on N and 2 notches on S faces, Thence

N89°57'E on a true line bet secs 19 & 30.

with same va.

38.00 Drove a charred stake 12 ins in the ground for 1/4 sec. cor. dug pits 18x18x12 ins E & W of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove a cedar stake 2 ins square

78.00 2 ft long 12 ins in the ground marked 1/4 S on E face.

The cor. to secs 19, 20, 29 & 30

Land rolling

Soil 3rd rate

Nov 20 1882

North bet secs 19 and 20
va 13° 51' E

40.00 Drove a charred stake 12 ins in the ground for 1/4 sec. cor. dug pits 18x18x12 ins N & S of cor. 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face

80.00 Drove a charred stake 12 ins in the ground for cor. to secs. 17, 18, 19 & 20, dug pits 18x18x12 ins in each sec 5½ ft dist, and raised mound of earth 2 ft high 4½ ft base over it. In N.E. pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-

T29N 17 on NE

R33W 20 on SE

S19 on SW and

S18 on NW faces

with 3 notches on N and 5 notches on E faces

Land rolling

Soil 3rd rate.

Subdivisions

East on a random line bet secs 17 & 20
va 13° 51' E

40.00 Set temporary 1/4 sec cor.

79.76 Intersect N & S line at a point 28 lks N of cor to secs 16, 17, 20 & 21. Thence N89°48'W on a true line bet secs 17 & 20 with same va.

39.88 Drive a charred stake 12 ins in the ground for 1/4 sec cor. dug pits 18x18x12 ins E & W of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on E face

79.76 The cor. to secs 17, 18, 19 & 20
Land rolling
Soil 3rd rate.

T29N R33W

West on a random line bet secs 18 & 19
va 13° 51' E

40.00 Set temporary 1/4 sec cor.

77.12 Intersect west boundary of township at a point 14 lks S of cor to secs 18 & 19, which cor. is a mound of earth 2½ ft high 5 ft base over it, with pits 24x24x12 ins N & S. E & W of cor 6 ft dist, and red cedar stake 2 ins square, 2 ft long 12 ins above the ground in E pit marked:
T29N on N
R33W on E
R34W on W faces
with 3 notches on N and S faces. Thence S89°54'E on a true line bet secs 18 & 19. with same va.

37.12 Drive a charred stake 12 ins in the ground for 1/4 sec cor. dug pits 18x18x12 ins E & W of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on E face.

77.12 The cor. to secs 17, 18, 19 & 20
Land rolling
Soil 3rd rate.

Subdivisions

North bet secs 17 & 18.
va 13° 51' E

40.00 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist. and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face.

80.00 Drove a charred stake 12 ins in the ground for cor to secs. 7, 8, 17 & 18, dug pits 18x18x12 ins in each sec. 5½ ft dist. and raised mound of earth 2 ft high 4½ base over it. In SE pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked:-
T29N S8 on NE
R33W S17 on SE
S18 on SW and
S7 on NW faces
with 4 notches on S and 5 notches on E edges
Land rolling
Soil 3rd rate.

T29N R33W

East on a random line bet secs 8 & 17
va 13° 51' E

40.00 Set temporary 1/4 sec cor.

79.90 Intersect N & S line at a point 33 lks N of cor. to secs 8, 9, 16 & 17. thence N89°46'W on a true line bet secs 8 and 17. with same va.

39.95 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins E & W of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on E face.

79.90 The cor to secs 7, 8, 17 & 18.
Land rolling
Soil 3rd rate.

Subdivisions

	West on a random line bet secs 7 & 18. va 13° 51′ E
	Descend.
38.00	Foot of hill, 40 ft high; enter valley bears NE & SW
40.00	Set temporary 1/4 sec cor.
57.00	Leave valley, bears NW and S.E, and ascend hill 40 ft high.
76.52	Intersect west boundary at a point 20 lks S of cor to secs 7 & 18, which cor is a mound of earth 2½ ft high 5 ft base over it with pits 24×24×12 ins N & S. & W of cor 6 ft dist, with red cedar post 2 ins square 12 ins above the ground in S pit marked:- T29N on N R33W on E R34W on W faces with 2 notches on N and 4 notches on S edges. Thence S89°51′E on a true line bet secs 7 & 18 with same va
36.52	Drive a charred stake 12 ins in the ground for 1/4 sec cor. dug pits 18×18×12 ins E & W of post 5½ ft dist. and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drive cedar stake 2 ins square, 2 ft long 12 ins in the ground marked 1/4 S on E face.

T29N R33W

76.52	The cor to secs 7, 8, 17 & 18 Land rolling Soil 3rd rate.
	North bet secs 7 and 8. va 13° 51′ E
	Descend
23.00	Foot of hill, 40 ft high, enter Boardman valley bears NE and SW.
40.00	Drive a charred stake 12 ins in the ground for 1/4 sec. cor. dug pits 18×18×12 ins N & S of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face.
80.00	Drive a charred stake 12 ins in the ground for cor to secs 5, 6, 7 & 8, dug pits 18×18×12 ins in each sec, 5½ ft dist and raised mound of earth 2 ft high 4½ ft base over it. In SE pit drive cedar stake 2 ins square 2 ft long 12 ins in the ground marked:- T29N S5 on NE R33W S8 on SE S7 on SW

Subdivisions

56 on N W faces
with 5 notches on S and E edges
Land:- South 23 chs rolling Soil 2nd rate,
balance level south 1st rate

East on a random line bet secs 5 & 8,
va 13° 51' E

40.00 Set temporary 1/4 sec cor.

80.10 Intersect N&S line at a point 7 lks N of cor to secs 4, 5, 8 & 9.

change

N89°57'W on a true line bet secs 5 & 8
with same va.

40.05 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins E & W of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it, In E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face,

80.10 The cor to secs 5, 6, 7 & 8
Land level
Soil 1st rate,

T29N R33E

West on a random line bet secs 6 & 7
va 13° 51' E

40.00 Set temporary 1/4 sec cor.

75.90 Intersect west boundary of township at a point 15 lks South of cor to secs 6 & 7, which cor is a mound of earth 2½ ft high 5 ft base over it with pits 24x24x12 ins N & S of cor 6 ft dist and red cedar post 2 ins square, 12 ins above the ground in S pit marked

T29N on N
R33W on E
R34W on W faces
with 1 notch on N and 5 notches on S faces

Thence

S89°54'E on a true line bet secs 6 & 7.
with same va.

35.90 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins E & W of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it, In E pit drove cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on E face

75.90 The cor to secs 5, 6, 7 & 8
Land level, Soil 1st rate,

Subdivisions

T29N R33W

North on a random line bet secs 5 & 6
va 13° 51' E

4.00 Dry bed of Boardman creek, descends east. Creek sinks west of this point.

31.00 Lone valley bears E & W and ascend.

40.00 Set temporary 1/4 sec cor.

80.32 Intersect north boundary of township at a point 20 lks W of cor to secs 5 & 6 which cor is a mound of earth 2 1/2 ft high 5 ft base over it with pits 24 x 24 x 12 ins N S E & W of cor. 6 ft dist., and red cedar stake 2 ins square 2 ft long 12 ins above the ground in E pit marked:-
T30N on N
R33W on W
T29N on S faces
with 5 notches on E and 1 notch on W faces
thence

S0°9' W on a true line bet secs 5 and 6
with same va.

40.32 Down a chiseled stake 12 ins in the ground for 1/4 sec cor. dug pits 18 x 18 x 12 ins N & S of post 5 1/2 ft dist., and raised mound of earth 1 1/2 ft high 3 1/2 ft base over it

In N pit down a cedar stake 2 ins square 2 ft long 12 ins in the ground marked 1/4 S on N face

80.32 The cor. to secs 5. 6. 7 & 8.

Land:- South 31 chs level, Soil 1st rate
balance rolling Soil 3rd rate.

November 21. 1882

T 29 N R 33 W

General Description

The most of the land in this township is rolling. The soil is sandy and nearly all 3rd rate. The township is better adapted for grazing than any other purpose.

There is no good land in the township except in the north west corner.

The Boardman creek comes in on the west side of section six and sinks leaving a dry bed, and for several miles it is very difficult to trace the creek.

There is no timber in the township.

T 29 N R 33 W

Final Oaths for Surveys.

List of Names.

A list of the names of the individuals employed by J. L. McElroy, U S Deputy Surveyor, to assist in running, measuring and marking the lines and corners described in the foregoing field notes of the survey of the retracements of the exterior and subdivisions of township No 29 north of the base line, Range No 33 west of the sixth principal meridian in Nebraska showing the respective capacities in which they acted.

J L McElroy	Compassman
Frank George	Chainman
L Vardaman	Chainman

Oct 1/78
1878

T29N R33W

J W Neals	Monumenman
Wm E Fish	Flagsman

—

40.00
80.00

400

T29N R33W

Final Oaths of Assistants.

We hereby certify that we assisted S C McElroy U.S. deputy surveyor, in surveying all those parts or portions of the retracement of the exteriors and subdivision lines of township No 29 north of the base line, Range No 33 west of the sixth principal meridian in Nebraska as are represented in the foregoing field notes as having been surveyed by him and under his direction: and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed and the corner

Nov 5/78
1878

T29N R33W

monuments established according to the instructions furnished by the U. S. Surveyor General for Nebraska

40.00
80.16

L. Vardaman
Frank Gloyd
Wm. Neal
Wm. E. Fish

40.00

L. McElroy
Sworn and Subscribed to Before me this 30th day of Nov 1882

80.1

Charles V. Gnell
U.S. Commissioner
District of Neb.

T29N R33W

Final Oath of U.S. Deputy Surveyor.

I L. McElroy, U.S. deputy surveyor, do solemnly swear that in pursuance of instructions received from George A. Smith, U.S. Surveyor General for Nebraska bearing date of the 29th day of August, 1882, I have well faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the U.S. Surveyor General for Nebraska, the surveying manual, and the laws of the United States, surveyed all those parts or portions of the retracement of the exterior and subdivisions lines of township No 29 north of the base line, Range 33 west of the sixth principal meridian in Nebraska, as are represented in the foregoing field notes as having been surveyed by me and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U.S. Surveyor general for Nebraska, and in the specific manner described in the field notes, and that the foregoing are the true field

40.00
80.10

40.05

80.1

T29N R33E

notes of such survey, and should any fraud be detected I will suffer the penalty of perjury under the provisions of an act of Congress approved August 8th 1846

S. O. McElroy Deputy Surveyor

Subscribed in my presence and sworn to before me this 30th day of March 1883

M. F. Mahin
Notary Public

M.E.

MAHIN NOTARIAL SEAL JOHNSON COUNTY, NEBRASKA

U. S. Surveyor General's Office
Plattsmouth Neb May 5th 1883

The foregoing Field Notes of the retracing of Exterior lines and the Survey of the subdivision lines of Township No 29 North, of Range 33 West of the Principal Base and Meridian in the State of Nebraska, Executed by S. O. McElroy U. S. Deputy Surveyor under his Contract No 12 dated Aug. 29th 1882, in the month of November 1882, having been critically Examined the necessary corrections and Explanations made the said Field Notes and the Surveys they describe are hereby approved.

D J Stephenson
Surveyor General

05/78
1878

Field notes of Survey and
Subdivision of Township
No. 30 North of the base line
of
Range No. 33 West of 6th
P. M.

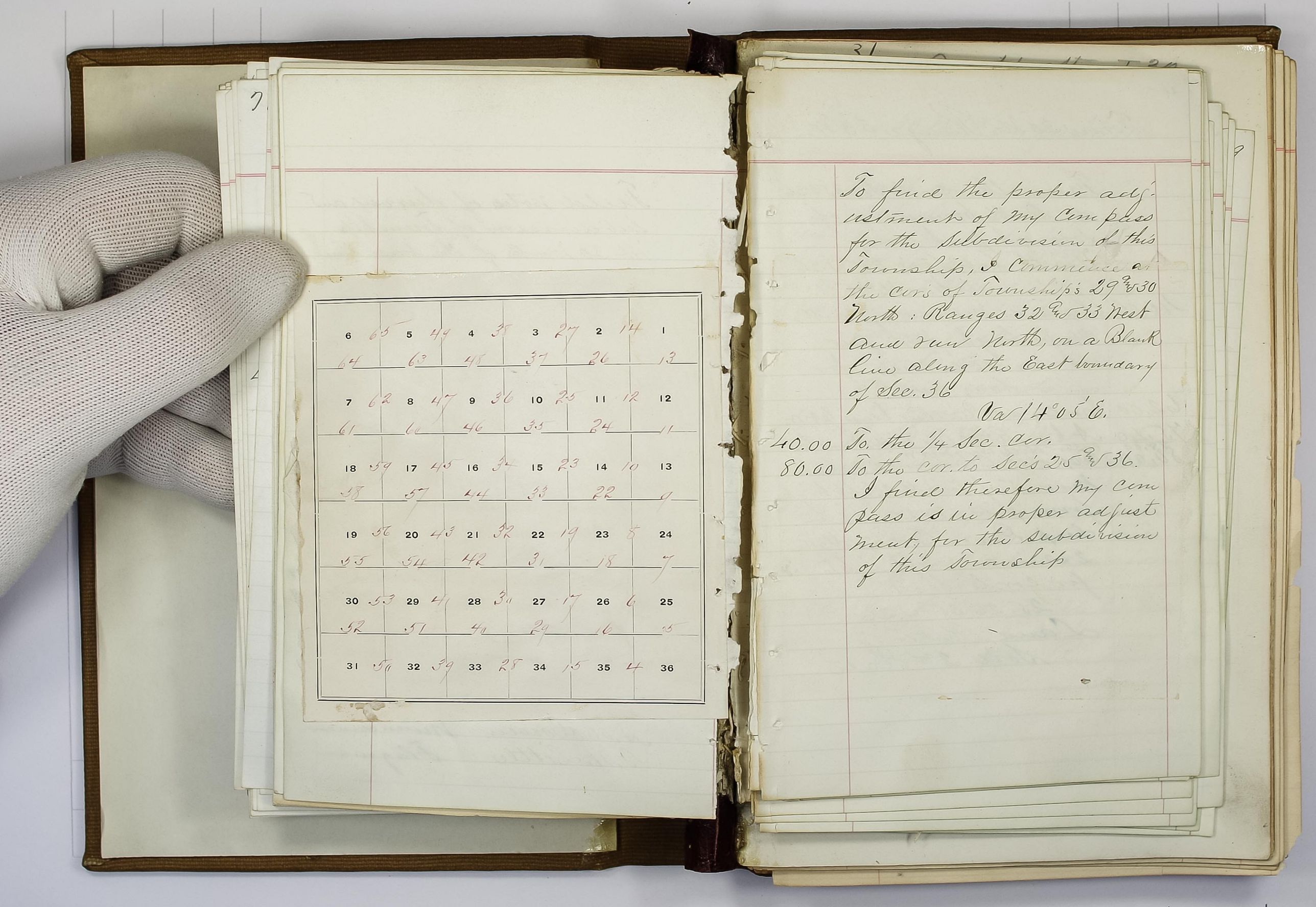
In the State of
Nebraska.

Executed by W. S. Scott
Deputy Surveyor
under —
Joint contract No 108
Dated July 25th 1878

Survey
Commenced September 22nd/78
Completed September 27th 1878

List of Names

Wm Barr	Chainman
F. A. Thurman	do
H. R. Bowen	Rodman
G. W. Little	Flagman



6	65	5	49	4	35	3	27	2	14	1
64		63		45		37		26		13
7	62	8	47	9	36	10	25	11	12	12
61		60		46		35		24		11
18	59	17	45	16	34	15	23	14	10	13
58		57		44		33		22		9
19	56	20	43	21	32	22	19	23	8	24
55		54		42		31		18		7
30	53	29	41	28	30	27	17	26	6	25
52		51		40		29		16		5
31	50	32	39	33	28	34	15	35	4	36

To find the proper adjustment of my Compass for the subdivision of this Township, I Commence at the Cor's of Township's 29 & 30 North: Ranges 32 & 33 West and run North, on a Blank line along the East boundary of Sec. 36

Var 14°05' E.

40.00 To the 1/4 Sec. Cor.

80.00 To the Cor. to Sec's 25 & 36.

I find therefore my Compass is in proper adjustment, for the subdivision of this Township

Town 30 N. Range 33 W.

	From the cor to Sec 35 & 36 on South boundary of Township I run North bet. Sec's 35 & 36 Va. 14°05 E
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. cor.
62.00	Entered Valley bears E & W.
75.40	A Creek 10 lks wide Runs E.
78.00	Enter Hills bearg N.E. & W.
80.00	Deposit Charcoal raised mound of Earth 2½ ft high from pits 18×24×12 in deep Drove Cedar Stake 2×2 in and 2 ft in S.E. pit for cor. to Sec's 25. 26. 35 & 36
	Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet. Sec's 25 & 36 Va. 14°05 E.
4.00	Enter Valley bears N.E. & S.W.
40.00	Set temporary ¼ Sec. Cor.
66.00	Entered Hills bears S.E. & N.W.
80.00	Intersect 4th Guide Meridian. 30 lks North of Cor to Sec's 25 & 36. From which cor I run North 89°47' West on true line bet. Sec's 25 & 36 Va 14°05 E
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. cor.
80.00	Cor. to Sec's 25. 26. 35 & 36 Land Rolling Soil 2nd Rate.

Town 30 N. Range 33 W.

	North bet Sec's 25 & 26. Va 14°05' E
40.00	Raised Mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec. cor.
80.00	Deposit Charcoal raised Mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep, drove Cedar Stake 2 x 2 in and 3 ft in S E pit for Cor to Sec's 23, 24, 25 & 26
	Land Rolling. Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet. Sec's 24 & 25 Va 14°05 E.
40.00	Set temporary ¼ Sec. cor.
80.00	Intersected 4th Guide-Meredian 10 lks North of cor to Sec's 24 & 25 from which cor I run North 89°56' West on a true line bet. Sec 24 & 25 Va. 14°05 E
40.00	Raised mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec. cor.
80.00	Cor to Sec's 23, 24, 25 & 26
	Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet Sec's 23 and 24 Va 14°05 E.
40.00	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. cor.
80.00	Deposit Charcoal raised Mound of Earth 2½ ft high from pits 18×24×12 in deep, drove Cedar Stake 2×2 in and 2 ft in S.E. pit for cor. to sec's 13, 14, 23 and 24
	Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet sec's 13 and 24 Va. 14°05' E
40.00	Set temporary ¼ sec. cor.
80.25	Intersected 4th Guide Meredian 20 chs North of cor. to sec's 13 and 24 from which cor I run North 89°50' West on a true line bet sec's 13 and 24 Va 14°05' E.
40.12	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ sec. cor
80.25	Cor. to sec's 13, 14, 23 and 24
	Land Rolling Soil 2nd Rate

Town 30 N Range 33 W.

	North bet Sec's 13 and 14 Va 14°05' E
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. Cor.
80.00	Deposit charcoal raised mound of Earth 2½ ft high from pits 18×24×12 in deep Drove Cedar Stake 2×2 in and 2 ft in S.E. pit for Cor to Sec's 11, 12, 13 and 14 Land Rolling Soil 2nd Rate

Town 30 N Range 33 W.

	East on a random line bet Sec's 12 and 13 Va 14°05' E
40.00	Set temporary ¼ Sec. cor.
80.30	Intersected 4th Guide Meredian 7 Chs north of Cor. to Sec's 12 and 13 from which Cor. I run North 89°57' West on a true line bet Sec's 12 and 13 Va 14°05' E
40.15	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. Cor.
80.30	Cor to Sec's 11, 12, 13 and 14 Land Rolling Soil 2nd Rate

Town 30 N Range 33 W.

	North bet. Sec's 11. and 12 Va 14°05' E
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. Cor.
46.00	Enter Valley bears E & W.
76.00	Enter Hills bear E & W.
80.00	Deposit charcoal based mound of Earth 2½ ft high from pits 18×24×12 in deep, drove Cedar Stake 2×2 in and 3 ft in S.E. pit for Cor to sec's 1. 2. 11. and 12 Land Rolling & Valley Soil 2nd Rate

Town 30 N Range 33 W.

	East on a random line bet Sec's 1 and 12 Va 14°05' E.
40.00	Set temporary ¼ Sec. cor.
80.50	Intersected 4th Guide Meridian 15 lks North of Cor. to sec's 1 and 12 from which cor I run North 89°54' West on a true line bet Sec's 1 and 12 Va 14°05' E
40.25	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. cor.
80.50	Cor to Sec's 1. 2. 11. and 12 Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W

North on a random line
bet Sec's 1 and 2
Va 14°05' E.

40.00 Set temporary 1/4 Sec. Cor
57.00 Foot of Hills bear E & W.
68.00 Snake River 80 lks wide
Runs N.E.
79.90 Intersect North boundary
of Township 30 lks East
of cor to Sec's 1 and 2
from which cor I run
South 13 Chains on a true
line bet. Sec's 1 and 2.
Va 14°05' E.
39.90 Raised mound of Earth
2½ ft high from pits
18 x 24 x 12 in deep for
1/4 Sec. cor.
79.90 Cor to Sec's 1.2.11 and 12
Land Rolling & Bottom
Some Ash & Cedar
Timber on Stream
Soil 2nd Rate
September 23rd 1878

Town 30 N. Range 33 W.

North bet Sec's 34 and 35
Va 14°05' E.
20.00 Enter Valley bears E & W.
40.00 Raised mound of Earth
2½ ft high from pits
18 x 24 x 12 in deep for
1/4 Sec. cor.
55.00 . + marsh 5 chs wide
80.00 Deposit charcoal, raised
mound of Earth 2½ ft
high from pits 18 x 24 x 12 in
deep, drove Cedar Stake
2 x 2 in and 2 ft in S.E. pit
for cor to Sec's
26, 27, 34 and 35
Land Rolling & Bottom
Soil 2nd Rate

Town 30 N. Range 33 W.

East on a random line
bet. Sec's 26 and 35
Var 14°05' E

40.00 Set temporary 1/4 Sec. cor.
47.00 Crys 15 lks wide runs S.E.
70.00 Foot of Hills bears N. W. and S.E.
80.00 Intersected North & South
line 30 lks North of cor.
to sec's 25. 26. 35 and 36
from which cor. I run
North 89°47' West on a true
line bet. Sec's 26. and 35
Var 14°05 E
40.00 Raised Mound of Earth
2½ ft high from pits
18x24x12 in deep for
1/4 Sec. cor.
80.00 Cor to Sec's 26. 27. 34 and 35
Land Rolling & Valley
Soil 2nd Rate

Town 30 N. Range 33 W.

North bet. Sec's 26 and 27
Var 14°05' E
18.00 A Creek 12 lks wide runs S.E.
20.00 Enter Hills bears N. W. and S.E.
40.00 Raised Mound of Earth
2½ ft high from pits
18x24x12 in deep for
1/4 Sec. cor.
80.00 Deposit Charcoal raised
Mound of Earth 2½ ft
high from pits 18x24x12
in. deep. Drove Cedar
Stake 2x2 in and 2 ft
in S.E. pit for cor to
Sec's 22. 23. 26 and 27
Land Rolling
Soil 2nd Rate

Town 30 N Range 33 W.

		East on a random line bet. Sec's 23 and 26 Va 14°05' E.
40.00	40.00	Set temporary 1/4 Sec. cor.
80.00	80.00	Intersect north and south line 20 lks north of cor to Sec's 23. 24. 25 and 26 from which cor. I run North 89°57' West on a true line bet. Sec's 23 and 26 Va 14°05' E
40.00	40.00	Raised mound of Earth 2½ ft. high from pits 18×24×12 in deep for 1/4 Sec. cor.
80.00	80.00	Cor to Sec's 22, 23, 26 and 27 Land Rolling & valley Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet. Sec's 22. and 23 Va 14°05' E.
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
80.00	Deposit charcoal raised mound of Earth 2½ ft high from pits 18×24×12 in deep. drive Cedar stake 2×2 in and 2 ft in S.E. pit for cor to Sec's 14. 15. 22 and 23 Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet. Sec's 14 and 23 Va 14°05' E.
40.00	Set temporary 1/4 Sec. cor.
80.00	Intersected N. and S. line at cor to Sec's 13, 14, 23 & 24 from which cor I run West on a true line bet. Sec's 14 and 23 Va 14°05' E.
40.00	Raised mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec. cor.
80.00	Cor to Sec's 14, 15, 22 and 23 Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet Sec's 14 and 15 Va 14°05' E.
40.00	Raised mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec. Cor.
80.00	Deposit Charcoal raised mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep. drove Cedar Stake 2 x 2 in and 2 ft in S.E. pit for cor to Sec's 10, 11, 14 and 15 Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

		East on a random line bet Sec's 11. and 14 Va 14°05' E
4	40.00	Set temporary 1/4 Sec cor.
8	80.00	Intersected North and South line 15 lks north of cor. to Sec's 11.12.13 and 14 from which cor. I run North 89°54' West on a true line bet Secs 11 and 14 Va 14°05' E
	40.00	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
	80.00	Cor to Sec's 10.11.14 and 15 Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet Sec's 10 and 11
17.00	Enter Valley Va 14°05' E.
40.00	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for
69.00	Enter Hills bear E. & W.
80.00	Deposit Charcoal raised Mound of Earth 2½ ft high from pits 18×24×12 in deep. Drove Cedar Stake 2×2 in and 2 ft. in S.E. pit for cor to Sec's 2.3.10. and 11 Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

East on a random line
bet Sec's 2 and 11.
Va 14°05' E

40.00 Set temporary 1/4 Sec. cor.
80.00 Intersected North & South
line 10 lks North of cor.
to Sec's 1.2.11 and 12
from which cor. I run
North 89°55' West on a true
line bet. Sec's 2 and 11
Va 14°05' E

40.00 Raised Mound of Earth
2½ ft high from pits
18×24×12 in deep for
1/4 Sec. cor.

80.00 Cor. to Sec's 2.3.10 and 11
Land Rolling
Soil 2nd Rate

Town 30 N. Range 33 W.

North on a random line
bet Sec's 2 and 3
Va 14°05' E.

40.00 Set temporary 1/4 Sec. cor.
45.00 Enter Bottom bears East and West
55.50 Snake River 130 lks wide
72.00 Runs South East.
Exit 4 lks from E. & W.
80.00 Intersect North boundary
of Township 20 lks East
of cor. to Sec's 2 and 3
from which cor. I run
South 89° East on a true
line bet Sec's 2 and 3
Va 14°05' E

40.00 Raised Mound of Earth
2½ ft high from pits
18×24×12 in deep for
1/4 Sec. cor.

80.00 Cor. to Sec's 2.3.10 and 11
Land Rolling & Bottom
Soil 2nd Rate

September 23rd 1878

Town 30. N Range 33 W.

	North bet Sec's 33 & 34 Va 14°05' E
23.00	Enter Valley bears E & W.
32.00	Foot of Hills bears E and W
40.00	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec cor
80.00	Deposit charcoal raised Mound of Earth 2½ ft high from pits 18×24×12 in deep. drove Cedar Stake 2×2 in and 2 ft in S. E. pit for cor. to Sec's 27. 28. 33. & 34 Land Rolling & Valley Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet Sec's 27 & 34 Va 14°05' E.
7.00	Enter valley bears N, W & S E.
40.00	Set temporary ¼ Sec. cor.
80.00	Intersected North and South line 15 lks North of cor. to Sec's 26. 27. 34 & 35 from which cor. I run North 89°54' West on a true line bet Sec's 27 & 34 Va 14°05' E
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep, for ¼ Sec. cor.
80.00	Cor to Sec's 27. 28. 33 & 34 Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet Sec's 27 and 28
6.00	Enter valley bears Va 14°05' E.
21.70	A creek 10 lks wide runs S.E.
31.00	Enter Hills bear E. & W.
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. cor.
80.00	Deposit charcoal & raised mound of Earth 2½ ft high from pits 18×24×12 in deep, drove Cedar stake 2×2 in and 2 ft in S.E. pit for cor to Sec's 21. 22. 27 and 28
	Land Rolling
	Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet. Sec's 22 and 27 Va 14°05' E.
40.00	Set temporary ¼ Sec. cor.
80.00	Intersected North and South line, at cor. to Sec's 22. 23. 26 and 27 from which cor. I run West on a true line bet. Sec's 22 and 27 Va 14°05' E.
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep. for ¼ Sec. cor.
80.00	Cor to Sec's 21. 22. 27 and 28
	Land Rolling
	Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet Sec's 21 and 22 Va 14°05' E
40.00	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. cor.
80.00	Deposit Charcoal, raised Mound of Earth 2½ ft. high from pits 18×24×12 in deep. drove Cedar Stake 2×2 in and 2 ft. in S.E. pit for cor to Sec's 15, 16, 21 and 22
	Land Rolling
	Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet Sec's 15 and 22 Va 14°05' E.
40.00	Set temporary ¼ Sec. cor.
80.00	Intersected North and South line 21 lks North of cor. to Sec's 14, 15, 22 and 23 from which cor. I run North 89°57' West on a True line bet Sec's 15 and 22 Va 14°05' E.
40.00	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. cor.
80.00	Cor to Sec's 15, 16, 21 and 22
	Land Rolling
	Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet Sec's 15 and 16 Va 14°05' E
20.00	Enter Valley bears E & W.
37.00	Foot of Hills bears E & W.
40.00	Raised Mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec. cor.
80.00	Deposit Charcoal raised Mound of Earth 2½ ft. high from pits 18x24x12 in deep. drove Cedar Stake 2x2x10 and 2 ft in S.E. pit for cor to Sec's 9.10.15 and 16 Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet Sec's 10 and 15 Va 14°05' E.
40.00	Set temporary ¼ Sec. cor.
60.00	Enter Valley bears N & S W
67.00	Foot of Hills bears N & S W
80.00	Intersected North and South line 35 lks North of cor to Sec's 10.11.14 and 15 from which cor. I run North 89°45' West on a true line bet Sec's 10 and 15 Va 14°05' E
40.00	Raised Mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec. cor.
80.00	Cor to Sec's 9.10.15 and 16 Land Rolling & Valley Soil 2nd Rate

Town 30 N Range 33 W.

	North bet Sec's 9 and 10 Va 14°05' E
40.00	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. cor.
53.00	Enter Valley bears E & W.
70.00	Foot of Hills bear E and W
80.00	Deposit Charcoal raised Mound of Earth 2½ ft high from pits 18×24×12 in deep. drove Cedar Stake 2×2 in and 2 ft in S.E. pit for cor to Sec's 3. 4. 9. and 10 Land Rolling & Valley Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet Sec's 3 and 10 Va 14°05' E.
33.50	Enter Valley bears N E & S W.
40.00	Set temporary ¼ Sec. cor.
57.50	Foot of Hills bear N E and S W
80.00	Intersected North & South line 7 lks North of cor to Sec's 2. 3. 10 and 11 from which cor S. 0 chs North 89°57' West on a true line bet. Sec's 3 and 10 Va 14°05' E
40.00	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for ¼ Sec. cor.
80.00	Cor to Sec's 3. 4. 9 and 10 Land Rolling & Valley Soil 2nd Rate

September 24th 1878

Town 30 N. Range 33 W.

North on a random line
bet Sec's 3 and 4
Va 14°05' E.

40.00 Set temporary 1/4 Sec. cor.
54.00 Foot of Hills bear East and West
60.20 Snake River 116 lks wide
77.00 Runs North of East
80.00 Intersected North boundary
of Township 35 lks East
of cor. to Sec's 3 and 4
from which cor I run
South 15' East on a true
line bet Sec's 3 and 4
Va 14°05' E.
40.00 Raised mound of Earth
2½ ft high from pits
18×24×12 in deep for
1/4 Sec. cor.
80.00 Cor to Sec's 3.4.9 and 10

Land Rolling
Soil 2nd Rate

Town 30 N. Range 33 W.

North bet Sec's 32 and 33
20.00 Enter Hills Va 14°05' E.
30.00 Valley bears E. & W. bear E. & W.
40.00 Raised Mound of Earth
2½ ft high from pits
18×24×12 in deep for
1/4 Sec. cor.
43.00 Foot of Hills bear East and West
80.00 Deposited Charcoal raised
mound of Earth 2½ ft
high from pits 18×24×12
in deep, drove Cedar
Stake 2×2 in and 2 ft
in S.E. pit for cor to
Sec's 28.29.32 and 33
Land Rolling & Valley
Soil 2nd Rate

Town 30 N Range 33 W.

	East on a random line bet Sec's 28 and 33 Va 14°05' E.
40.00	Set temporary 1/4 Sec. cor.
80.00	Intersected North & South line 20 lks North of cor to Sec's 27. 28. 33 and 34 from which cor. I run North 89°57' West on a true line bet Sec's 28 and 33 Va 14°05' E.
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
80.00	Cor. to Sec's 28. 29. 32 and 33

Land Rolling
Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet Sec's 28 and 29 Va 14°05' E.
8.00	Enter marshy valley bears E & W.
35.00	Enter Hills, bear E & W.
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
80.00	Deposit Charcoal raised mound of Earth 2½ ft. high from pits 18×24×12 in deep. Arow Cedar Stake 2×2 in and 2 ft in S.E. pit for cor to Sec's 20. 21. 28 and 29

Land Rolling
Soil 2nd Rate

	East on a random line bet Sec's 21 and 28 Va 14°05' E
40.00	Set temporary 1/4 Sec. cor.
79.70	Intersected North & South line 23 lks North of Cor. to Sec's 21.22.27 & 28 from which Cor. I now North 87°50' West on a true line bet. Sec's 21 and 28 Va 14°05' E
39.85	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
79.70	Cor. to Sec's 20.21.28 and 29
	Land Rolling Soil 2nd Rate

	North bet Sec's 20 and 21 Va 14°05' E.
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
80.00	Deposited Charcoal raised mound of Earth 2½ ft high from pits 18×24×12 in deep. Above Copper Stake 2×2 in and 2 ft in S.E. Pit for cor to Sec's 16.17.20 and 21
	Land Rolling Soil 2nd Rate

Town 30 N Range 33 W.

	East on a random line bet. Sec's 16 and 21 Va 14°05' E.
40.00	Set temporary 1/4 Sec. cor.
80.12	Intersected North & South line at cor to Sec's 15.16.21 & 22 from which cor. I run West on a true line bet. Sec's 16 and 21 Va 14°05' E
40.06	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
80.12	Cor to Sec's 16.17.20 & 21

Land Rolling
Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet Sec's 16 and 17
24.00	Enter valley bears E & W. Va 14°05' E.
40.00	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
54.00	Enter hills bear E & W.
80.00	Deposited Charcoal, raised mound of Earth 2½ ft. high from pits 18×24×12 in deep. drove Cedar Stake 2×2 in and 2 ft in S.E. pit for cor to Sec's 8.9.16 and 17

Land Rolling
Soil 2nd Rate

Town 30 N. Range 33 W.

East on a random line
bet Sec's 9 and 16
Va 14°05' E

40.00 Set temporary 1/4 Sec. cor.

80.00 Intersect North & South line
at cor to Sec's 9.10.15 and 16
from which cor I run
West on a true line bet.
Sec's 9 and 16
Va 14°05' E

40.00 Raised mound of Earth
2½ ft high from pits
18×24×12 in deep for
1/4 Sec. cor.

80.00 Cor. to Sec's 8.9.16 and 17

Land Rolling
Soil 2nd Rate

R. 1 this otter T 30

Town 30 N. Range 33 W.

North bet Sec's 8 and 9.
Va 14°05' E.

38.00 Egler Valley bears E. & W.

40.00 Raised mound of Earth
2½ ft high from pits
18×24×12 in deep for
1/4 Sec. cor.

42.00 Enter, Yellowpine bears N.E. & S.W.

80.00 Deposit Charcoal raised
mound of Earth 2½ ft.
high from pits 18×24×12 in
deep. drove Cedar Stake
2×2 in and 2 ft in S.E. pit
for cor to Sec's 4.5.8 & 9

Land Rolling
Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet. Sec's 4 and 9 Va 14°05' E.
5.00	Enter Valley bears N.E. & S.W.
39.50	Foot of Hills bears NE and SW
40.00	Set temporary 1/4 Sec. cor.
80.00	Intersected North & South line 9 lks North of cor. to Sec's 3. 4. 9 and 10 from which cor. I run North 89°56' West on a true line bet. Sec's 4 & 9 Va 14°05' E
40.00	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
80.00	Cor. to Sec's 4. 5. 8 and 9

Land Rolling & Valley
Soil 2nd Rate
September 25th 1878

Town 30 N. Range 33 W.

	North on a random line bet. Sec's 4 and 5 Va 14°05' E
40.00	Set temporary 1/4 Sec. cor.
50.00	Enter Bottom bears E and W
65.00	Snake River 160 lks wide Runs East
80.00	Intersect North boundary of Township 30 lks E. of Cor to Sec's 4 and 5 from which cor. I run South 13' East on a true line bet Sec's 4 and 5 Va 14°05' E
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
80.00	Cor. to Sec's 4. 5. 8 and 9

Land Rolling & Bottom
Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet. Sec's 31 and 32
20.00	Enter valley bears E & W. Va 14°05' E.
40.00	Raised Mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for
49.00	Enter valley bears E & W. 1/4 Sec. cor.
80.00	Deposit Charcoal raised Mound of Earth 2½ ft. high from pits 18 x 24 x 12 in deep, above Cedar Stake 2 x 2 in and 2 ft. in S.E. pit for Cor to Sec's 29, 30, 31 and 32

Land Rolling
Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet. Sec's 29 and 32 Va 14°05' E.
40.00	Set temporary 1/4 Sec. cor.
80.00	Intersected North and South line 30 lks South of cor to Sec's 28, 29, 32 and 33 from which cor. I run South 89°47' West on a true line bet. Sec's 29 & 32 Va. 14°05' E.
40.00	Raised mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec. cor.
80.00	Cor to Sec's 29, 30, 31 and 32

Land Rolling
Soil 2nd Rate

Town 30 N. Range 33 E.

	West on a random line bet. Sec's 30 and 31 Va 14°05' E.
40.00	Set temporary 1/4 Sec. cor.
77.30	Intersect West boundary of Township at cor. to Sec's 30, and 31 from which cor. I run East on a true line bet Sec's 30 and 31 Va 14°05' E
37.30	Raised Mound of Earth 2½ ft high from pits 18x24x12 in deep for 1/4 Sec. cor.
77.30 ~~80.40~~	Cor. to Sec's 29, 30, 31 & 32

Land Rolling
Soil 2nd Rate

Town 30 N. Range 33 E.

	North bet. Sec's 29 and 30 Va 14°05' E.
12.00	Marshy Valley bear E&W.
39.90	Foot of Hills bear E and W
40.00	Raised Mound of Earth 2½ ft high from pits 18x24x12 in deep for 1/4 Sec Cor.
80.00	Deposit Charcoal raised Mound of Earth 2½ ft. high from pits 18x24x12 in deep, Drove Stake 2x2 in and 2 ft in S.E. pit for cor to Sec's 19, 20, 29 and 30

Land Rolling
Soil 2nd Rate

Town 30 N. Range 33 W.

	East on a random line bet Sec's 20 and 29 Va 14°05' E
40.00	Set temporary 1/4 Sec. cor
80.00	Intersected North & South line at cor. to Sec's 20, 21, 28 and 29 from which cor. I run West on a true line bet Sec's 20 and 29 Va 14°05' E
40.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep. for 1/4 Sec. cor.
80.00	Cor to Sec's 19, 20, 29 & 30
	Land Gently Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

	West on a random line bet Sec's 19 and 30 Va 14°05' E.
40.00	Set temporary 1/4 Sec. cor.
78.00	Intersected West boundary of Township 30 lks North of cor. to Sec's 19 and 30 from which cor. I run North 89°47' East on a true line bet Secs 19 and 30 Va 14°05' E.
38.00	Raised mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
78.00 ~~80.40~~	Cor. to Sec's 19, 20, 29 and 30
	Land Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet. Sec's 19 and 20 Va 14°05' E.
40.00	Raised Mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec. cor.
80.00	Deposit charcoal raised Mound of Earth 2½ ft. high from pits 18x24x12 in Deep. above Cedar Stake 2x2 in and 2 ft in S.E. pit for cor to Sec's 17.18.19 and 20
	Land Rolling Soil 2nd Rate.

Town 30 N. Range 33 W.

	East on a random line bet Sec's 17 and 20 Va 14°05' E.
40.00	Set temporary ¼ sec. cor.
80.00	Intersected North & South line 20 lks North of cor to Sec's 16.17.20 and 21 from which cor. I run North 89°57' West on a true line bet. Sec's 17 and 20 Va 14°05' E.
40.00	Raised mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec cor
80.00	Cor to Sec's 17.18.19 & 20
	Land Rolling Soil 2nd Rate

31
Put this after T 30

Town 30 N. Range 33 W.

	West on a random line bet Sec's 18 and 19 Va 14°05' E.
40.00	Set temporary 1/4 Sec. cor.
77.68	Intersected West boundary of Township 7 lks North of cor. to Sec's 18 and 19 from which cor. I run North 89°57' East on a true line bet Sec's 18 and 19 Va 14°05 E.
37.68	Raised Mound of Earth 2 1/2 ft high from pits 18 x 24 x 12 in deep for 1/4 Sec. cor.
77.68	
~~80.35~~	Cor to Sec's 17, 18, 19 & 20
	Land Gently Rolling Soil 2nd Rate

Town 30 N. Range 33 W.

	North bet Sec's 17 and 18 Va 14°05' E.
30.00	Enter Valley bears N.E. & S.W.
40.00	Raised Mound of Earth 2 1/2 ft high from pits 18 x 24 x 12 in deep for 1/4 Sec. cor.
50.00	Foot of Hills
80.00	Deposited Charcoal raised Mound of Earth 2 1/2 ft high from pits 18 x 24 x 12 in deep. drove Cedar Stake 2 x 2 in and 2 ft in S.E. pit for cor. to Sec's 7, 8, 17 and 18
	Land Rolling & Valley Soil 2nd Rate
	September 26th 1878

31
t c u Put this after T 30

Town 30 N Range 33 W.

	East on a random line bet Sec's 8 and 17 Va 14°05' E.
40.00	Set temporary 1/4 Sec cor
80.00	Intersect North and South line 10 lks North of cor. to Sec's 8.9.16 and 17 from which cor. I run North 89°56' West on a true line bet Sec's 8 and 17 Va 14°05' E.
40.00	Raised mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec. cor.
80.00	Cor to Sec's 7.8.17 and 18

Lane Rolling
Soie 2nd Rate

Town 30 N. Range 33 W.

	West on a random line bet. Sec's 7 and 18 Va 14°05' E.
40.00	Set temporary 1/4 Sec. cor.
78.16	Intersected West boundary of Township at cor. to Sec's 7. and 18 from which cor. I run East on a true line bet Sec's 7 and 18 Va 14°05' E.
38.16	Raised mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep. for 1/4 sec cor
78.16 ~~80.30~~	Cor to Sec's 7.8.17 and 18

Lane Rolling
Soie 2nd Rate

31
Put this after T 30

Town 30 N Range 33 W.

	North bet Sec's 7 and 8
23.00	Enter valley Va 14°05' E.
40.00	bears E & W. Raised Mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for
66.00	Enter ¼ Sec. cor.
80.00	hills, bears E & W. Deposit Charcoal raised Mound of Earth 2½ ft. high from pits 18 x 24 x 12 in deep. Drive Cedar Stake 2 x 2 in and 2 ft in S.E. pit, for cor to Sec's 5. 6. 7 and 8

Land Rolling
Soil 2nd Rate

Town 30 N Range 33 W.

	East on a random line bet Sec's 5 and 8 Va 14°05' E.
40.00	Set temporary ¼ Sec. cor.
80.00	Intersected North & South line 14 lks North of cor. to Sec's 4. 5. 8 and 9 from which cor. I run North 89°54' West on a true line bet Secs 5 & 8 Va 14°05' E.
40.00	Raised Mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec. cor.
80.00	Cor to Sec's 5. 6. 7. and 8

Land Rolling
Soil 2nd Rate

Town 30 N. Range 33 W

		West on a random line bet. Sec's 6 and 7 Va 14°05' E.
40	40.00	Set temporary 1/4 Sec. cor.
	55.00	Foot of Bluff bears N. and
80.	77.96	Intersect West boundary of Township 28 lks North of cor. to Sec's 6 and 7 from which cor. I run North 89°48' East on a true line bet. Sec's 6 & 7 Va 14°05' E.
	37.96	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
	~~80.20~~ 77.96	Cor to Sec's 5.6.7 and 8
		Land Rolling Soil 2nd Rate

31 Put this after T 30

Town 30 N. Range 33 W.

	North on a random line bet Sec's 5 and 6 Va 14°05' E.
40.00	Set temporary 1/4 Sec. cor.
47.00	Enter Bottom bears N.E. & S.W.
70.00	Snake River 1 Chain wide
75.00	Enter Trees bears N.E. & S.W.
	Runs East
80.20	Intersected North boundary of Township at cor to Sec's 5 and 6 from which cor. I run South on a true line bet Sec's 5 and 6 Va 14°05' E.
40.20	Raised Mound of Earth 2½ ft high from pits 18×24×12 in deep for 1/4 Sec. cor.
80.20	Cor to Sec's 5.6.7 and 8
	Land Rolling Soil 2nd Rate
	September 27th 1878

31
Put this after T 30

56

Town 30 N. Range 33 E.

General. Description
This Township has on
North the Snake River
a beautiful Clear Stream
with Timber in Pockets
Mostly Cedar and Ash
on the South Eureka
Creek. There is consid
erable Valley Land, but
not enough to make it
an agricultural
Township, it being much
better addapted to graz-
ing, grass good.

31
T C U Put this after T 30

56

We hereby certify that we assisted N. S. Scott Deputy Surveyor in Surveying and Subdividing Township No 30 North of the Base line of Range No 33 West of the 6th Principal Meridian in Nebraska and that said Township has been in all respects to the best of our knowledge & belief well and faithfully surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General of Dimension Character Construction and marking and in the manner as specifically described in the foregoing field Notes

Wm Barr Chainman
F. D. Johnson Chainman
A R Brown Mounduman
G. W. Little Flagman

Subscribed and sworn to, by the above named persons before me, a Notary Public in and for Valley County State of Nebraska this 15th day of October 1878

J. L. Stephens
Notary Public

I, N. S. Scott Deputy
Surveyor, do Solemnly
Swear, that in pursuan
40. of a joint contract
wherein, D. V. Stephenson
S. C. McElroy, and N. S.
Scott are joint con
80. c tractors with John R
Clark United States
Surveyor General for
the Dist. of Nebraska
and Iowa bearing
date July 25th 1878
I have well faithfully
and truly in my own
proper person and in
strict conformity with
the instructions furni
shed by the Surveyor Gen
-eral the surveying Man
ual and the laws of the
United States. Surveyed all
those parts or portions of
Township No. 30 North of the
Base line of Range No. 33 West
of the 6th Principal Meridian
in Nebraska as are represented
in the foregoing field Notes
as having been surveyed
under my direction and I
do further solemnly swear
that all the corners of said
surveys, have been established
and perpetuated in strict
accordance with the Survey
ing Manual, printed instruc
tions and Special instructions
of the Surveyor General, of di
mensions, character construction
and marking &c in the manner
as specifically described in the
foregoing field Notes &c that the foregoing
are the true &c original field
Notes of such Survey
Nahum S. Scott
Subscribed and Sworn
to by the above named
Nahum S. Scott before

56

me a Notary Public
in and for Lancaster
County State of Nebraska
this 21st day of November
1878

J. A. Marshall
Notary Public

40.

80.0

31
564 Put this after T30

Surveyor. Genl. Office
Plattsmouth Jany. 18th 1879

The foregoing field notes of the Survey and Subdivision of Township No 30 North of Base Line of Range No 33 West of the 6th Principal Meridian in the State of Nebraska, Executed by N. S. Scott Deputy Surveyor under Joint Contract No 108 dated July 25th 1878 in the month of September 1878, having been critically Examined, the necessary Corrections and Explanations made, the said field notes and the Surveys they describe are hereby approved

Jno. Reese
Surveyor. General.

31
564 Put this after T 30

E. A. Carter, Deputy Surveyor.

T. 31 **North R.** 33 **West.**

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 31 North Range 33 West

6th Principal Meridian.

BY

E. A. Carter, Deputy Surveyor.

Under his Contract of July 19th 1882

Survey Commenced August 29th 1882.

Survey Completed September 4th 1882.

Platted,
Copied for Washington,
Copied for Register,

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

Township 31 North, Range 33 West,

6th Principal Meridian.

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

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

Copyright Secured,

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

Township 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* 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, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.*

Township 31 North Range 33 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 14° 35' East.
	Ascend.
18.00	*Top of Spur, bears* N. W. and S. E. *and descend.*
39.00	*Cross Wash,* 75 *lks. wide, Course* S. E. *and ascend.*
40.00	*Set a* Sand *stone* 15 *x* 11 *x* 3 *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.*
76.00	*Top of Spur, bears* N. W. and S. E. *and descend.*
80.00	*Set a* Sand *stone* 12 *x* 9 *x* 9 *ins.* 8 *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 mountainous.
	Soil Poor *rate*
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 25 and 36.
	Variation 14° 45' East.
	Descend.
16.00	*Enter Valley, bears,* N. and S.
40.00	*Set temporary* ¼ *sec. cor.*
52.00	*Leave Valley, bears* N. and S. *and ascend.*
79.91	***Intersect*** *E. B. of Tp.* 14 *lks.* North *of cor. to secs.* 25, 30, 31 & 36 *from which corner, I run* N. 89° 54' W. *on a true line, between sections* 25 *and* 36.
	Variation 14° ~~35~~ 45' *East.*
39.95	*Set a* Sand *stone* 15 *x* 14 *x* 9 *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.*
79.91	*The corner to sections* 25, 26, 35 and 36.
	Land level. and *rolling.*
	Soil Poor *rate*
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian

Chains	North, between Sections 25 and 26. Variation 14° 45' East.
	Descend.
18.00	*Enter Flat bears* N. W. and S. E.
36.00	*Leave Flat bears* N. W. and S. E. *and ascend.*
40.00	*Set a* Sand *stone* 15 x 15 x 8 *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.*
56.00	*Top of Spur, bears* N. 60° W. and S. 60° E. *and descend.*
80.00	*Set a* Sand *stone* 18 x 13 x 11 *ins.* 12 *ins. in the ground for Cor. to Secs.* 23, 24, 25 and 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 62.00 chs. mountainous. and 18.00 chs. flat.

Soil 3rd rate

Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 24 and 25. Variation 14° 40' East.
	Ascend.
31.00	*Top of Spur, bears* N. W. and S. E. *and descend.*
40.00	*Set temporary* ¼ *sec. cor.*
63.00	*Cross Wash,* 400 *lks. wide, Course* S. *and ascend.*
71.00	*Top of Spur, bears* N. and S. *and descend.*
80.06	*Intersect* E. *B. of Tp.* 16 *lks.* South *of cor. to secs.* 19, 24, 25 & 30, *from which corner, I run* N. 89° 58' W. *on a true line, between sections* 24 *and* 25. *Variation* 14° ~~45~~ 40' *East.*
40.08	*Set a* Sand *stone* 14 x 14 x 8 *ins.,* 9 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N. *face, dug pits,* 18 x 18 x 12 *ins.,* N. *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
80.06	*The corner to sections* 23, 24, 25 *and* 26.

Land 76.06 chs. mountainous. and 4.00 chains level

Soil 3rd rate

Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 23 and 24.
	Variation 14° 40' East.
	Descend.
15.00	*Enter Flat bears* N. W. and N. E.
26.00	*Leave Flat bears* N. W. and N. E. *and ascend.*
40.00	*Set a* Sand *stone* 17 x 13 x 8 *ins.,* 11 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W. *face, dug pits,* 18 x 18 x 12 *ins.,* E. *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
46.00	*Top of Spur, bears* N. 30° W. and S. 30° E. *and descend.*
68.78	*Cross Wash,* 200 *lks. wide, Course* N. 60° W. *and ascend.*
80.00	*Set a* Sand *stone* 19 x 13 x 7 *ins.* 14 *ins. in the ground for Cor. to Secs.* 13, 14, 23 *and* 24, *marked with* 3 *notches on S. and* 1 *notch on E. edges, dug pits* 18 x 18 x 12 *ins. in each Sec.,* 5½ *ft. dist., and raised a mound of earth* 2 *ft. high* 4½ *ft. base.*
	Land 67.00 chs. *mountainous.* and 13.00 chains level
	Soil 3rd *rate*
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 13 and 24.
	Variation 14° 45' East.
	Ascend.
14.00	*Top of Spur, bears* N. W. and N. E. *and descend.*
40.00	*Set temporary* ¼ *sec. cor.*
50.00	*Enter Flat bears* N. and S.
61.00	*Leave Flat bears* N. and S. *and ascend.*
80.10	*Intersect* E. *B. of Tp.* 442 *lks. North of cor. to secs.* 13, 18, 19 & 24, *from which corner, I run* N. 89° 42' W. *on a true line, between sections* 13 *and* 24.
	Variation 14° 45' *East.*
40.05	*Set a* Sand *stone* 12 x 12 x 6 *ins.,* 8 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N. *face, dug pits,* 18 x 18 x 12 *ins.,* N. *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
80.10	*The corner to sections* 13, 14, 23 *and* 24.
	Land 69.10 chs. *mountainous.* and 11.00 chs. *level.*
	Soil 3rd *rate*
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 13 and 14.
	Variation 14° 45' East.
	Ascend.
13.50	*Top of Spur, bears* N. W. and S. E. *and descend.*
24.00	*Enter Flat bears* N. 30° W. and S. 30° E.
40.00	*Set a* Sand stone 10 x 10 x 6 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.
46.50	*Leave Flat bears* E. and W. *and ascend.*
66.50	*Top of Spur, bears* N. W. and S. E. *and descend.*
80.00	*Set a* Sand stone 15 x 9 x 7 ins. 10 ins. in the ground for Cor. to Secs. 11, 12, 13 and 14, marked with 4 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

57.50 chs. 22.50 chs.

Land mountainous. *and* level.

Soil Good *rate*

Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 12 and 13.
	Variation 15° 00' East.
	Descend.
9.00	*Enter Flat bears* N. 50° W. and S. 50° E.
26.00	*Leave Flat bears* N. W. and S. E. *and ascend.*
40.00	*Set temporary ¼ sec. cor.*
49.00	*Top of Spur, bears* N. 20° W. and S. 20° E. *and descend.*
79.96	*Intersect* E. B. *of Tp.* 10 lks. North *of cor. to secs.* 7, 12, 13 & 18, *from which corner, I run* N. 89° 56' W. *on a true line, between sections* 12 *and* 13.
	Variation 15° 00' East.
39.98	*Set a* Sand stone 14 x 10 x 10 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.
79.96	*The corner to sections* 11, 12, 13 *and* 14.

62.96 chs. 17.00 chs.

Land mountainous. *and* level.

Soil Good *rate*

Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 11 and 12.
	Variation 15° 00′ East.
	Descend.
15.50	*Cross Wash,* 350 lks. wide, Course N. 60° E. and ascend.
35.00	*Top of Spur,* bears N. 30° W. and S. 30° E. and descend.
40.00	*Set a* Sand stone 13 x 7 x 9 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.
51.00	*Enter Flat* bears N. 30° W. and S. 30° E.
80.00	*Set a* Sand stone 14 x 14 x 12 ins. 9 ins. in the ground for Cor. to Secs. 1, 2, 11 and 12 marked with 5 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 mountainous. 47.50 chs. and 32.50 chs. level.

Soil 3rd rate

Vegetation of Bunchgrass and Sagebrush.

August 29th 1882.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 1 and 12.
	Variation 14° 50′ East.
	Over level land
9.50	*Leave Flat* bears N. W. and S. E. and ascend.
23.00	*Top of Spur,* bears N. W. and S. E. and descend.
40.00	*Set temporary ¼ sec. cor.*
65.00	*Cross Wash,* 120 lks. wide, Course N. and ascend.
79.69	*Intersect* E. B. of Tp. 15 lks. South of cor. to secs. 1, 6, 7 and 12, from which corner, I run S. 89° 54′ W. on a true line, between sections 1 and 12.
	Variation ~~15° 00′~~ 14° 50′ East.
39.84	*Set a* Sand stone 15 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.
79.69	The corner to sections 1, 2, 11 and 12.

Land mountainous. 68.99 chs. and 10.70 chs. level

Soil 3rd rate

Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, on a random line between Sections 1 and 2.
	Variation 14° 50' East.
	Over level land
14.50	*Leave Flat bears* N.W. and S.E. *and ascend.*
24.50	*Cross Road, bears,* N.E. and S.W.
40.00	*Set temporary ¼ sec. cor.*
61.00	*Top of Spur, bears* E. and W. *and descend.*
80.05	***Intersect** N. B. of Tp.* 27 *lks.* West *of cor. to secs.* 1, 2, 35 and 36, *from which corner, I run* S. 12' W. *on a true line, between sections* 1 and 2,
	Variation 14° ~~40'~~ 50' *East.*
140.05	*Set a* Sand *stone* 10 x 9 x 6 *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.*
80.05	The corner to sections 1, 2, 11 and 12.
	Land 65.55 chs. mountainous. and 14.50 chs. level.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 34 and 35.
	Variation 14° 25' East.
	Ascend.
16.00	***Top of Spur, bears*** N. 20° W. and S. 20° E. ***and descend.***
40.00	*Set a* Sand *stone* 14 x 9 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.*
52.00	*Cross Wash,* 150 *lks. wide, Course* S.E. *and ascend.*
80.00	*Set a* Sand *stone* 12 x 9 x 9 *ins.* 8 *ins. in the ground for Cor. to Secs.* 26, 27, 34 and 35 *marked with* 1 *notch on S. and* 2 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.*
	Land 78.50 mountainous. and 1.50 chs.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 14° 35′ East.
	Ascend.
16.00	*Top of Spur, bears* N. 20° W. and S. 20° E. *and descend.*
28.00	*Cross Wash,* 100 *lks. wide, Course* N. 30° W. *and ascend.*
40.00	*Set temporary* ½ *sec. cor.*
46.00	*Top of Spur, bears* N. 30° W. and S. 30° E. *and descend.*
68.00	*Cross Wash,* 200 *lks. wide, Course* N. *and ascend.*
80.26	*Intersect N. & S. line,* 5 *lks.* North *of cor. to secs.* 25, 26, 35 & 36, *from which corner, I run* N. 89° 58′ *W. on a true line between sections* 26 and 35. *Variation* 14° ~~40′~~ 35′ *East.*
40.13	*Set a* Sand *stone* 15 *x* 9 *x* 9 *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.*
80.26	*The corner to sections* 26, 27, 34 *and* 35.

Land 77.26 chs. *mountainous.* and 3.00 chs. level.

Soil 3rd *rate*

Vegetation of Bunchgrass and Sagebrush.

6th Principal Meridian.

Chains	North, between Sections 26 and 27. Variation 14° 35′ East.
	Ascend.
6.00	*Top of Spur, bears* N. 60° W. and S. 60° E. *and descend.*
24.00	*Cross Wash,* 100 *lks. wide, Course* N. 70° W. *and ascend.*
40.00	*Set a* Sand *stone* 14 *x* 9 *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.*
48.00	*Top of Spur, bears* N. 40° W. and S. 40° E. *and descend.*
80.00	*Set a* Sand *stone* 12 *x* 9 *x* 5 *ins.,* 8 *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 79.00 *mountainous.* and 1.00 chs. level.

Soil 3rd *rate*

Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 14° 50' East.
	Ascend.
16.00	*Top of Spur, bears* N. and S. *and descend.*
21.00	*Enter Flat bears* N. and S.
40.00	*Set temporary ¼ sec. cor.*
64.00	*Leave Flat bears* N. and S. *and ascend.*
79.99	*Intersect N. & S. line,* 55 *lks.* North *of cor. to secs.* 23, 24, 25 and 26, *from which corner, I run* N. 89° 35' *W. on a true line between sections* 23 and 26, *Variation* 14° ~~40~~ 50' *East.*
39.99	*Set a* Sand *stone* 13 x 10 x 8 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.99	*The corner to sections* 22, 23, 26 and 27.

Land 36.99 chs. *mountainous.* 43.00 chs. *and level.*

Soil 3rd *rate*

Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 22 and 23. Variation 14° 50' East.
	Descend.
24.00	*Enter Flat bears* N. W. and S. E.
40.00	*Set a* Sand *stone* 14 x 10 x 8 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
65.50	*Leave Flat bears* E. and W. *and ascend.*
80.00	*Set a* Sand *stone* 16 x 14 x 6 *ins.* 11 *ins. in the ground for Cor. to Secs.* 14, 15, 22 and 23, *marked with* 3 *notches on S. and* 2 *notches on E. edges, dug pits 18 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 38.50 chs. and 141.50 Chains level.

Soil 3rd *rate*

Vegetation of Bunchgrass and Sagebrush.

Chains	East, on a random line between Sections 14 and 23. Variation 14° 40′ East.
	Ascend.
17.00	*Top of Spur, bears N. and S. and descend.*
29.50	*Cross Wash, 250 lks. wide, Course S.E. and ascend.*
40.00	*Set temporary ¼ sec. cor.*
55.50	*Top of Spur, bears N. and S. and descend.*
68.00	*Cross Wash, 100 lks. wide, Course N.65°W. and ascend.*
79.90	*Intersect N. & S. line, at cor. to secs. 13, 14, 23 and 24, from which corner, I run West on a true line between sections 14 and 23. Variation 14° 40′ East.*
39.95	*Set a Sand stone 16 x 12 x 5 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.*
79.90	The corner to sections 14, 15, 22 and 23.
	Land mountainous. 75.90 lks. and 4.00 lks. level.
	Soil 3rd rate
	Vegetation of Bunch grass and Sagebrush.

Chains	North, between Sections 14 and 15. Variation 14° 40′ East.
	Ascend.
12.00	*Top of Spur, bears N. 70° W. and S. 70° E. and descend.*
25.50	*Cross Wash, 100 lks. wide, Course N.65°W. and ascend.*
40.00	*Set a Sand stone 17 x 14 x 6 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
42.00	*Top of Spur, bears E. and W. and descend.*
68.00	*Cross Road, bears, N.E. and S.W.*
80.00	*Set a Sand stone 13 x 11 x 6 ins. 8 ins. in the ground for Cor. to Secs. 10, 11, 14 and 15, marked with 4 notches on S. and 2 notches on E. edges, 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. 79.00 lks. and 1.00 lks. level.
	Soil 3rd rate
	Vegetation of Bunch grass and Sagebrush.

Chains	East, on a random line between Sections 11 and 14. Variation 14° 45' East.
	Descend.
9.00	*Enter Flat bears* N. and S.
12.00	*Cross Road, bears,* N.E. and S.W.
40.00	*Set temporary ¼ sec. cor.*
51.00	*Leave Flat bears* N. and S. *and ascend.*
62.00	*Top of Spur, bears* N. and S. *and descend.*
79.82	*Intersect N. & S. line,* 43 *lks.* South *of cor. to secs.* 11, 12, 13 & 14, *from which corner, I run* S. 89° 42' *W. on a true line between sections* 11 *and* 14, *Variation* 14°45' ~~15°00'~~ *East.*
39.91	*Set a* Sand *stone* 15 x 15 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* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.82	*The corner to sections* 10, 11, 14 *and* 15. *Land* 37.82 Chs. *mountainous.* *and* 42.00 Chs. *level.* *Soil* 3rd *rate* *Vegetation of* Bunchgrass *and* Sagebrush. *August* 30th 1882.

Chains	North, between Sections 10 and 11. Variation 14° 45' East.
	Descend.
19.00	*Enter Flat bears* E. and W.
30.50	*Leave Flat bears* E. and W. *and ascend.*
40.00	*Set a* Sand *stone* 12 x 12 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.*
44.00	*Top of Spur, bears* E. and W. *and descend.*
69.00	*Cross Wash,* 150 *lks. wide, Course* S.W. *and ascend.*
80.00	*Set a* Sand *stone* 12 x 12 x 10 *ins.* 8 *ins. in the ground for Cor. to Secs.* 2, 3, 10 *and* 11 *marked with* 5 *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 67.00 Chs. *mountainous.* *and* 13.00 Chs. *level* *Soil* 3rd *rate* *Vegetation of* Bunchgrass *and* Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 2 and 11. Variation 14° 40' East.
	Ascend.
23.00	Top of Spur, bears N. 60° W. and S. 60° E. and descend.
40.00	Set temporary ¼ sec. cor.
58.00	Enter Sag, bears N. and S.
65.00	Leave Sag, bears N. and S. and
	Enter Flat bears N. and S.
71.00	Cross Road, bears, N. 20° E. and S. 20° W.
80.15	Intersect N. & S. line, 11 lks. South of cor. to secs. 1, 2, 11 and 12, from which corner, I run S. 89° 55' W. on a true line between sections 2 and 11, Variation 14° 40' East.
40.07	Set a Sand stone 15 x 8 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.
80.15	The corner to sections 2, 3, 10 and 11, Land mountainous. 58.00 chs. and 22.15 chs. level. Soil 3rd rate Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian

Chains	North, on a random line between Sections 2 and 3. Variation 14° 40' East.
	Ascend.
11.00	Top of Spur, bears E. and W. and descend.
23.00	Cross Wash, 150 lks. wide, Course S. W. and ascend.
40.00	Set temporary ¼ sec. cor.
80.19	Intersect N. B. of Tp. 67 lks. West of cor. to secs. 2, 3, 34 & 35, from which corner, I run S. 29' W. on a true line, between sections 2 and 3. Variation 14° 40' East.
40.19	Set a Sand stone 15 x 9 x 6 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.
80.19	The corner to sections 2, 3, 10 and 11, Land mountainous. 78.69 and 1.50 chs. level. Soil 3rd rate Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 33 and 34. Variation 14° 15' East.
	Ascend.
26.00	Top of Spur, bears N.W. and S.E. and descend.
40.00	Set a Sand stone 14 x 14 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
53.00	Enter Flat bears E. and W.
80.00	Set a Sand stone 10 x 10 x 6 ins. 7 ins. in the ground for Cor. to Secs. 27, 28, 33 and 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 1½ ft. high 4½ ft. base.
	Land 53.00 chs. mountainous. and 27.00 chs. level.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 27 and 34 Variation 14° 25' East.
	Over level land.
14.00	Cross Road, bears, N. 20° E. and S. 20° W.
40.00	Set temporary ¼ sec. cor.
43.00	Leave Flat bears N. and S. and ascend.
56.00	Top of Hill bears N. and S. and descend.
79.77	Intersect N. & S. line, 46 lks. South of cor. to secs. 26, 27, 34 and 35, from which corner, I run S. 89° 40' W. on a true line between sections 27 and 34, Variation 14° 25' East.
39.88	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.
79.77	The corner to sections 27, 28, 33 and 34,
	Land 43.00 chs. level. and 36.77 chs. mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Chains	North, between Sections 27 and 28. Variation 14° 25' East.
	Over level land
15.00	Leave Flat bears E. and W. and ascend.
40.00	Set a Sand stone 15 x 9 x 6 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.
63.00	Top of Hill bears E. and W. and descend.
80.00	Set a Sand stone 16 x 16 x 10 ins. 11 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 level. and hilly
	Soil 3rd rate
	Vegetation of Bunchgrass & Sagebrush.

Chains	East on a random line between Sections 22 and 27. Variation 14° 30' East.
	Ascend.
14.50	Top of Spur, bears N. and S. and descend.
26.50	Cross Wash, 300 lks. wide, Course S. and ascend.
33.46	Cross Road, bears, N. 25° E. and S. 25° W.
40.00	Set temporary ¼ sec. cor.
54.00	Top of Spur, bears N. and S. and descend.
79.93	Intersect N. & S. line, 10 lks. South of cor. to secs. 22, 23, 26 & 27, from which corner, I run S. 89° 56' W. on a true line between sections 22 & 27, Variation 14° ~~30~~ 30' East.
39.96	Set a Sand stone 19 x 13 x 8 ins., 14 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.
79.93	The corner to sections 21, 22, 27 and 28, 76.93 chs. and 3.00 chs. level.
	Land mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass & Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 21 and 22. Variation 14° 30′ East.
	Descend.
24.00	*Enter Flat bears* E. and W.
40.00	*Set a* Sand *stone* 12 x 12 x 10 *ins.,* 8 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W. *face, dug pits,* 18 x 18 x 12 *ins.,* E. *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
48.00	*Leave Flat bears* E. and W. *and ascend.*
67.00	*Top of Hill bears* N. 60° W. and S. 60° E. *and descend.*
80.00	*Set a* Sand *stone* 15 x 15 x 11 *ins.* 10 *ins. in the ground for Cor. to Secs.* 15, 16, 21 and 22, *marked with* 3 *notches on S. and* 3 *notches on E. edges, dug pits* 18 x 18 x 12 *ins. in each Sec.,* 5½ *ft. dist., and raised a mound of earth* 2 *ft. high* 4½ *ft. base.*
	Land level. and *hilly*
	Soil 3rd *rate*
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 15 and 22. Variation 14° 45′ East.
	Descend.
12.50	*Cross Wash,* 200 *lks. wide, Course* N. *and ascend.*
19.50	*Top of Spur, bears* N. 30° W. and S. 30° E. *and descend.*
40.00	*Set temporary* ¼ *sec. cor.*
48.00	*Cross Wash,* 350 *lks. wide, Course* N. *and ascend.*
51.00	*Cross Road, bears,* N. 25° E. and S. 25° W.
79.81	*Intersect N. & S. line,* 32 *lks. North of cor. to secs.* 14, 15, 22 & 23, *from which corner, I run* N. 89° 46′ W. *on a true line between sections* 15 and 22. *Variation* 14° 45′ *East.*
39.90	*Set a* Sand *stone* 14 x 13 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. *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
79.81	*The corner to sections* 15, 16, 21 and 22.
	Land, 74.31 *chs. mountainous.* and 5.50 *chs. level*
	Soil 3rd *rate*
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 15 and 16.
	Variation 14° 45′ East.
	Descend.
16.50	Enter Flat bears E. and W.
40.00	Set a Sand stone 11 x 9 x 7 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.
53.00	Leave Flat bears E. and 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 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.
	36.50 lks. 43.50 lks.
	Land level. and mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 10 and 15.
	Variation 14° 50′ East.
	Ascend.
21.00	Top of Spur, bears N. and S. and descend.
35.50	Cross Wash, 100 lks. wide, Course S. and ascend.
40.00	Set temporary ¼ sec. cor.
62.00	Top of Spur, bears N. and S. and descend.
80.02	Intersect N. & S. line, 5 lks. North of cor. to secs. 10, 11, 14 and 15, from which corner, I run N. 89° 58′ W. on a true line between sections 10 and 15.
	Variation 14° ~~45′~~ 50′ East.
40.01	Set a Sand stone 18 x 10 x 8 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.
80.02	The corner to sections 9, 10, 15 and 16.
	Land mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	August 31st 1882.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 14° 58' East.
	Ascend.
15.00	Top of Hill bears E. and W. and descend.
31.00	Enter Flat bears E. and W.
40.00	Set a Sand stone 16 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.
43.00	Leave Flat bears E. and W. and ascend.
71.00	Top of Spur, bears N. W. and S. E. and descend.
80.00	Set a Sand stone 10 x 8 x 8 ins. 7 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.

68.00 lks. 12.00 lks.

Land mountainous. and level.

Soil 3rd rate

Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East on a random line between Sections 3 and 10. Variation 14° 46' East.
	Descend.
13.00	Cross Wash, 400 lks. wide, Course S. E. and ascend.
32.00	Top of Spur, bears N. W. and S. E. and descend.
40.00	Set temporary ¼ sec. cor.
54.00	Cross Wash, 150 lks. wide, Course S. 20° E. and ascend.
79.86	Intersect N. & S. line, 36 lks. North of cor. to secs. 2, 3, 10 and 11, from which corner, I run N. 89° 45' W. on a true line between sections 3 and 10. Variation 14° 46' East.
89.93	Set a Sand stone 15 x 10 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 S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.86	The corner to sections 3, 4, 9 and 10,

74.36 lks. and 5.50 lks. level.

Land mountainous.

Soil 3rd rate

Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West
6th Principal Meridian.

Chains	North, on a random line between Sections 3 and 4. Variation 14° 40' East.
	Descend.
16.00	*Enter Flat bears E. and W.*
40.00	*Set temporary ¼ sec. cor.*
52.00	*Leave Flat bears E. and W. and ascend.*
79.94	*Intersect N. B. of Tp. 6 lks. East of cor. to secs. 3, 4, 33 & 34, from which corner, I run S. 8' E. on a true line, between sections 3 and 4; Variation 14° 40' East.*
39.94	*Set a Sand stone 15 x 4 x 12 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.*
79.94	*The corner to sections 3, 4, 9 and 10,*

Land 36.00 chs. level. and 43.94 chs. mountainous.
Soil 3rd rate
Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West
6th Principal Meridian.

Chains	North, between Sections 32 and 33. Variation 14° 15' East.
	Ascend.
16.50	*Top of Hill bears E. and W. and descend.*
31.00	*Cross Wash, 300 lks. wide, Course S.E. and ascend.*
40.00	*Set a Sand stone 18 x 14 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. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
49.50	*Top of Spur, bears N.W. and S.E. and descend.*
80.00	*Set a Sand stone 16 x 14 x 12 ins. 11 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 77.00 chs. mountainous. and 3.00 chs. level.
Soil 3rd rate
Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 28 and 33.
	Variation 14° 20' East.
	Ascend.
24.00	*Top of Spur, bears* N. and S. *and descend.*
40.00	*Set temporary ½ sec. cor.*
58.00	*Cross Wash,* 400 *lks. wide, Course* S. *and ascend.*
68.00	*Top of Spur, bears* N. and S. *and descend.*
69.50	*Enter Flat bears* S. W. and N. E.
79.97	*Intersect N. & S. line,* 13 *lks.* North *of cor. to secs.* 27, 28, 33 & 34, *from which corner, I run* N. 89° 54' *W. on a true line between sections* 28 and 33.
	Variation 14° 20' *East.*
37.98	*Set a* Sand *stone* 11 x 9 x 8 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
77.97	*The corner to sections* 28, 27, 32 and 33.
	Land 65.50 Chs. *mountainous.* 14.47 Chs. *and level.*
	Soil 3rd *rate*
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian

Chains	
	North, between Sections 28 and 29.
	Variation 14° 20' East.
	Descend.
8.00	*Cross Wash,* 120 *lks. wide, Course* S. E. *and ascend.*
18.00	*Top of Hill bears* E. and W. *and descend.*
40.00	*Set a* Sand *stone* 12 x 9 x 8 *ins.,* 5 *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.*
44.50	*Enter Flat bears* E. and W.
80.00	*Set a* Sand *stone* 15 x 16 x 9 *ins.,* 12 *ins. in the ground for Cor. to Secs.* 20, 21, 28 and 29, *marked with* 2 *notches on S. and* 4 *notches on E. edges, dug pits 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 and level.
	Soil 3rd *rate*
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 21 and 28. Variation 14° 38' East.
	Over level land
23.00	Leave Flat bears N.E. and S.W. and ascend.
40.00	Set temporary ¼ sec. cor.
54.00	Cross Wash, 120 lks. wide, Course S. and ascend.
65.00	Top of Hill bears N.W. and S.E. and descend.
79.78	Intersect N. & S. line, 15 lks. South of cor. to secs. 21, 22, 27 & 28, from which corner, I run S. 89° 54' W. on a true line between sections 21 & 28, Variation 14° 38' East.
39.89	Set a Sand stone 16 x 10 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.
79.78	The corner to sections 20, 21, 28 and 29. Land 24.20 chs level. and 55.58 chs mountainous. Soil 3rd rate Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian

Chains	North, between Sections 20 and 21. Variation 14° 38' East.
	Over level land
26.00	Leave Flat bears E. and W. and ascend.
40.00	Set a Sand stone 16 x 9 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. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
42.00	Top of Spur, bears E. and W. and descend.
68.50	Cross Wash, 200 lks. wide, Course W. and ascend.
80.00	Set a Sand stone 20 x 10 x 10 ins. 15 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 52.00 chs. mountainous. and 28.00 chains level
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 16 and 21.
	Variation 14° 40' East.
	Ascend.
19.00	*Top of Spur, bears N. W. and S. E. and descend.*
37.50	*Cross Wash, 150 lks. wide, Course N. W. and ascend.*
40.00	*Set temporary ¼ sec. cor.*
79.88	*Intersect N. & S. line, 40 lks. North of cor. to secs. 15, 16, 21 and 22, from which corner, I run N. 89° 48' W. on a true line between sections 16 and 21.*
	Variation 14° 40' East.
39.94	*Set a Sand stone 18 x 18 x 9 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.88	*The corner to sections 16, 17, 20 and 21.*
	Land 78.38 Chs. *mountainous. and 1.50 Chs. level.*
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 16 and 17.
	Variation 14° 40' East.
	Ascend.
25.00	*Top of Spur, bears N. W. and S. E. and descend.*
40.00	*Set a Sand stone 12 x 9 x 9 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.*
64.00	*Cross Wash, 150 lks. wide, Course W. and ascend.*
80.00	*Set a Sand stone 14 x 9 x 6 ins. 9 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 78.50 Chs. *mountainous. and 1.50 Chs. level.*
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16. Variation 14° 50' East.
	Ascend.
10.50	*Top of Spur, bears* N. and S. *and descend.*
23.00	*Cross Wash,* 400 *lks. wide, Course* S.E. *and ascend.*
40.00	*Set temporary* ¼ *sec. cor.*
79.63	***Intersect N. & S. line,*** 8 *lks.* North *of cor. to secs.* 9, 10, 15 and 16, *from which corner, I run* N. 89° 57' W. *on a true line between sections* 9 and 16, *Variation* 14° 50' *East.*
39.81	*Set a* Sand stone 10 x 10 x 8 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
79.63	*The corner to sections* 8, 9, 16 and 17.
	Land 75.63 chs. *mountainous.* and 4.00 chs. level.
	Soil 2nd rate
	Vegetation of Bunchgrass and Sagebrush.
	September 1st 1882.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 8 and 9. Variation 14° 50' East.
	Ascend.
6.00	***Top of Spur, bears*** E. and W. *and descend.*
14.00	*Cross Wash,* 200 *lks. wide, Course* W. *and ascend.*
29.50	*Top of Spur, bears* E. and W. *and descend.*
40.00	*Set a* Sand stone 9 x 9 x 7 *ins.,* 6 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W. *face, dug pits, 18 x 18 x 12 ins.,* E. *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
56.00	*Cross Wash,* 400 *lks. wide, Course* N.W. *and ascend.*
80.00	*Set a* Sand stone 15 x 15 x 8 *ins.* 10 *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 73.50 chs. *mountainous.* and 6.50 chs. level.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation 15° 00' East.
	Ascend.
28.00	Top of Hill bears N. and S. and descend.
40.00	Set temporary ¼ sec. cor.
46.00	Cross Wash, 200 lks. wide, Course N. and ascend.
79.85	Intersect N. & S. line, 21 lks. North of cor. to secs. 3, 4, 9 and 10, from which corner, I run N. 89° 51' W. on a true line between sections 4 and 9. Variation ~~[illegible]~~ 15° 00' East.
39.92	Set a Sand stone 15 x 10 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 S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.85	The corner to sections 4, 5, 8 and 9. Land hilly Soil 3rd rate Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, on a random line between Sections 4 and 5. Variation 15° 00' East.
	Ascend.
12.00	Top of Spur, bears E. and W. and descend.
19.00	Cross Wash, 100 lks. wide, Course W. and ascend.
40.00	Set temporary ¼ sec. cor.
79.83	Intersect N. B. of Tp. 30 lks. East of cor. to secs. 4, 5, 32 & 33, from which corner, I run S. 13' E. on a true line, between sections 4 and 5. Variation 15° 00' East.
39.83	Set a Sand stone 15 x 13 x 6 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.
79.83	The corner to sections 4, 5, 8 and 9. Land mountainous. Soil 3rd rate Vegetation of Bunchgrass and Sagebrush.

Chains	North, between Sections 31 and 32. Variation 14° 15' East.
	Ascend.
28.00	*Top of Spur, bears N. E. and S. W. and descend.*
40.00	*Set a Sand stone 12 x 12 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.*
46.50	*Enter Flat bears E. and W.*
80.00	*Set a Sand stone 16 x 14 x 14 ins. 11 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 46.50 chs. mountainous. and 33.50 chs. level.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Chains	East, on a random line between Sections 29 and 32. Variation 14° 31' East.
	Over level land
24.00	*Leave Flat bears N. W. and S. E. and ascend.*
40.00	*Set temporary ¼ sec. cor.*
54.00	*Top of Ridge, bears N. and S. and descend.*
79.98	*Intersect N. & S. line, 38 lks. North of cor. to secs. 28, 29, 32 & 33, from which corner, I run N 89° 44' W. on a true line between sections 29 and 32.*
	Variation 14° 38' East.
39.99	*Set a Sand stone 10 x 10 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.98	*The corner to sections 29, 30, 31 and 32.*
	Land 55.98 chs. mountainous. and 24.00 chains level
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian

Chains	West, on a random line between Sections 30 and 31. Variation 14° 30' East.
	Over level land
10.00	Leave Flat bears N. and O. and ascend.
14.00	Top of Spur, bears N. and O. and descend.
29.50	Cross Wash, 250 lks. wide, Course S.W. and ascend.
40.00	Set temporary ¼ sec. cor.
68.00	Top of Hill bears N.E. and S.W. and descend.
77.28	Intersect W. B. of Tp. 59 lks. North of cor. to secs. 25, 30, 31 & 36, from which corner, I run N. 89° 35' E. on a true line, between sections 30 and 31. Variation ~~14° 00'~~ 14° 30' East.
37.28	Set a Sand stone 15 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.
77.28	The corner to sections 29, 30, 31 and 32.
	Land hilly
	Soil poor rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian

Chains	North, between Sections 29 and 30. Variation 14° 30' East.
	Over level land
40.00	Set a Sand stone 13 x 13 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
45.00	Leave Flat bears N.W. and S.E. and ascend.
64.00	Top of Hill bears E. and W. and descend.
80.00	Set a Sand stone 14 x 14 x 10 ins. 9 ins. in the ground for Cor. to Secs. 17, 20, 29 & 30, marked with 2 notches on S. and 6 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 45.00 lks. level. and 35.00 lks. mountainous.
	Soil poor rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 20 and 29.
	Variation 14° 45' East.
	Descend.
4.00	*Cross Wash,* 100 lks. wide, Course S. E. and ascend.
19.00	*Top of Spur, bears* N. W. and S. E. and descend.
40.00	*Set temporary ¼ sec. cor.*
59.50	*Cross Wash,* 100 lks. wide, Course S. and ascend.
80.31	*Intersect N. & S. line,* 82 lks. North of cor. to secs. 20, 21, 28 and 29, from which corner, I run N. 89° 25' W. on a true line between sections 20 and 29,
	Variation 14° ~~30'~~ 45' East.
40.15	*Set a* Sand stone 11 x 8 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.31	*The corner to sections* 19, 20, 29 and 30.
	Land 78.31 chs. mountainous. and 2.00 chs. level.
	Soil good rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	
	West, on a random line between Sections 19 and 30.
	Variation 14° 45' East.
	Ascend.
16.00	*Top of Spur, bears* N. and S. and descend.
25.00	*Cross Wash,* 200 lks. wide, Course S. W. and ascend.
40.00	*Set temporary ¼ sec. cor.*
71.00	*Top of Ridge, bears* N. and S. and descend.
77.34	*Intersect W. B. of Tp.* 72 lks. North of cor. to secs. 19, 24, 25 & 30, from which corner, I run N. 89° 24' E. on a true line, between sections 19 and 30.
	Variation 14° ~~30'~~ 45' East.
37.34	*Set a* Sand stone 12 x 12 x 9 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
77.34	*The corner to sections* 19, 20, 29 and 30.
	Land 75.34 chs. mountainous. and 2.00 chs. level.
	Soil good rate
	Vegetation of Bunchgrass and Sagebrush.

Chains	North, between Sections 19 and 20. Variation 14° 45' East.
	Descend.
4.50	Cross Wash, 100 lks. wide, Course S.E. and ascend.
16.50	Top of Spur, bears N.W. and S.E. and descend.
37.00	Cross Wash, 200 lks. wide, Course W. and ascend.
40.00	Set a Sand stone 15 x 9 x 7 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.
53.00	Top of Ridge, bears N. 60° W. and S. 60° E. and descend.
71.00	Enter Flat bears E. and W.
80.00	Set a Sand stone 17 x 13 x 9 ins. 11 ins. in the ground for Cor. to Secs. 17, 18, 19 and 20, marked with 3 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous. 68.00 lks. and 12.00 lks. level.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	September 2nd 1882.

Chains	East, on a random line between Sections 17 and 20. Variation 14° 45' East.
	Over level land
32.50	Leave Flat bears N. and S. and ascend.
40.00	Set temporary ¼ sec. cor.
61.00	Top of Hill bears N. 31° W. and S. 30° E. and descend.
70.50	Cross Wash, 100 lks. wide, Course S.E. and ascend.
80.07	Intersect N. & S. line, 321 lks. North of cor. to secs. 16, 17, 20 and 21, from which corner, I run N. 89° 46' W. on a true line between sections 17 and 20, Variation 14° 45' East.
40.03	Set a Sand stone 12 x 12 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.07	The corner to sections 17, 18, 19 and 20.
	Land hilly
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	West, on a random line between Sections 18 and 19.
	Variation 14° 45′ East.
	Over level land
19.00	Leave Flat bears N. and S. and ascend.
38.00	Top of Hill bears N. and S. and descend.
40.00	Set temporary ¼ sec. cor.
58.00	Cross Wash, 350 lks. wide, Course S. and ascend.
76.81	Intersect W. B. of Tp. 14 lks. North of cor. to secs. 13, 18, 19 & 24, from which corner, I run N. 89° 54′ E. on a true line, between sections 18 and 19,
	Variation 14° 45′ East.
36.81	Set a Sand stone 12 x 10 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
76.81	The corner to sections 17, 18, 19 and 20.
	Land hilly
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 17 and 18.
	Variation 14° 45′ East.
	Over level land
17.00	Leave Flat bears N. W. and S. E. and ascend.
40.00	Set a Sand stone 11 x 9 x 6 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.
45.00	Top of Hill bears E. and W. and descend.
68.00	Cross Wash, 400 lks. wide, Course S. W., and ascend.
80.00	Set a Sand stone 18 x 13 x 9 ins. 12 ins. in the ground for Cor. to Secs. 7, 8, 17 and 18, marked with 4 notches on S. and 5 notches on E. edges, 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 59.00 lks. mountainous. and 21.00 lks. level.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 8 and 17.
	Variation 14° 50' East.
	Descend.
15.00	Cross Wash, 300 lks. wide, Course S.W. and ascend.
34.00	Top of Hill bears N. and S. and descend.
40.00	Set temporary ¼ sec. cor.
63.00	Cross Wash, 150 lks. wide, Course N.W. and ascend.
79.85	Intersect N. & S. line, 16 lks. South of cor. to secs. 8, 9, 16 & 17, from which corner, I run S. 89° 58' W. on a true line between sections 8 & 17.
	Variation 14° 50' East.
39.92	Set a Sand stone 10 x 10 x 10 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.85	The corner to sections 7, 8, 17 and 18.
	Land hilly
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18.
	Variation 14° 50' East.
	Ascend.
7.00	Top of Spur, bears N. and S. and descend.
16.00	Cross Wash, 100 lks. wide, Course S. and ascend.
40.00	Set temporary ¼ sec. cor.
53.00	Top of Spur, bears N. and S. and descend.
76.73	Intersect W.B. of Tp. 5 lks. North of cor. to secs. 7, 12, 13 & 18, from which corner, I run N. 89° 58' E. on a true line, between sections 7 and 18.
	Variation 14° 50' East.
36.73	Set a Sand stone 10 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 S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
76.73	The corner to sections 7, 8, 17 and 18.
	Land mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	
	North, between Sections 7 and 8.
	Variation 14° 50′ East.
	Ascend.
12.00	Top of Hill bears E. and W. and descend.
25.00	Cross Wash, 200 lks. wide, Course S. 60° E. and ascend.
40.00	Set a Sand stone 12 x 12 x 9 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.
56.00	Top of Hill bears E. and W. and descend.
80.00	Set a Sand stone 10 x 10 x 8 ins. 7 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 hilly
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 5 and 8.
	Variation 15° 00′ East.
	Descend.
15.00	Cross Wash, 100 lks. wide, Course N. and ascend.
23.50	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ sec. cor.
42.00	Cross Wash, 100 lks. wide, Course N. and ascend.
57.00	Top of Hill bears N. 40° W. and S. 40° E. and descend.
68.00	Cross Wash, 100 lks. wide, Course N.W. and ascend.
80.09	Intersect N. & S. line, 8 lks. North of cor. to secs. 4, 5, 8 and 9, from which corner, I run N. 89° 57′ W. on a true line between sections 5 and 8.
	Variation 15° 00′ East.
40.04	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.
80.09	The corner to sections 5, 6, 7 and 8.
	Land mountainous. 76.59 chs. and 3.50 chs. level
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian

Chains	West, on a random line between Sections 6 and 7. Variation 15° 00' East.
	Ascend.
15.00	Top of Spur, bears N. and S. and descend.
21.00	Cross Wash, 250 lks. wide, Course N. and ascend.
35.50	Top of Spur, bears N. 20° W. and S. 20° E. and descend.
40.00	Set temporary ¼ sec. cor.
58.50	Cross Wash, 400 lks. wide, Course N. and ascend.
76.54	Intersect W. B. of Tp. 21 lks. South of cor. to secs. 1, 6, 7 & 12, from which corner, I run S. 89° 51' E. on a true line, between sections 6 and 7. Variation 14° 58' East.
36.54	Set a Sand stone 16 x 10 x 5 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.
76.54	The corner to sections 5, 6, 7 and 8. Land mountainous. 70.04 chs. and 6.50 chs. level. Soil 3rd rate Vegetation of Bunchgrass and Sagebrush.

Township 31 North Range 33 West

6th Principal Meridian.

Chains	North, on a random line between Sections 5 and 6. Variation 15° 00' East.
	Descend.
5.00	Cross Wash, 150 lks. wide, Course W. and ascend.
23.00	Top of Hill bears E. and W. and descend.
39.00	Cross Wash, 150 lks. wide, Course S. 60° W. and ascend.
40.00	Set temporary ¼ sec. cor.
52.50	Top of Spur, bears E. and W. and descend.
79.95	Intersect N. B. of Tp. 10 lks. West of cor. to secs. 5, 6, 31 & 32, from which corner, I run S. 4' W. on a true line, between sections 5 and 6. Variation 15° 05' East.
39.95	Set a Sand stone 10 x 10 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.95	The corner to sections 5, 6, 7 and 8. Land mountainous. 77.95 chs. and 2.00 chs. level. Soil 3rd rate Vegetation of Bunchgrass and Sagebrush. September 4th 1882.

GENERAL DESCRIPTION.

The land in this Township is mountainous and level.
The soil is 3rd rate, producing good Bunchgrass and Buffalo grass.
There is no timber in the Township.
Water is very scarce, there being no creeks or streams in the Township.
It is traversed by numerous washes.
Sandstone is abundant. It is used to mark nearly all the corners.
There are no settlements in the Township.

U. S. Surveyor General's Office.

Plattsmouth Neb 1883.

The foregoing Field Notes of the surveys of

the Subdivision lines of Township No 31 North of Range No 13 West of the Principal Base and *Meridian*

in the State of Neb *executed by*

E. A. Carter

U. S. Deputy Surveyor, under his contract No 11 *dated*

July 19th 1882 in the Month Aug. 1882

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

D W Stephenson

U. S. Surveyor-General for

This follows T. 31

E. A. Carter, Deputy Surveyor.

T. 32 North R. 33 West.

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 32 North Range 33 West

6th Principal Meridian.

BY

E. A. Carter, Deputy Surveyor.

Under his Contract of July 19, 1882

Survey Commenced Aug. 22, 1882,

Survey Completed Aug. 28, 1882,

Platted,

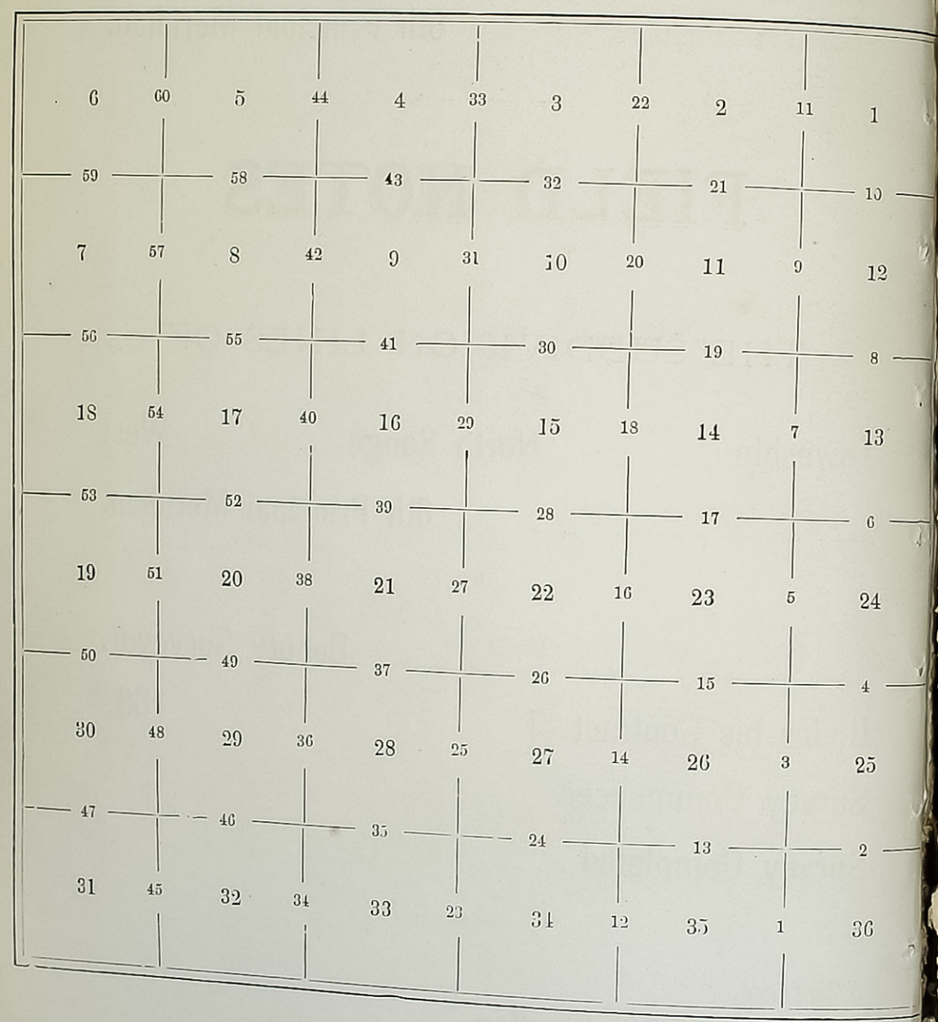
Copied for Washington,

Copied for Register,

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

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

..... 6th Principal Meridian



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ownship..... 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 New York **in** 1881.

Township 32 North Range 33 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 14° 40′ East.
	Along East Slope.
13.50	Cross Wash, 250 lks. wide, Course N. 20° E. and ascend.
31.50	Top of Spur, bears N. 20° E. & S. 20° W. and descend.
37.00	Enter Flat bears N. 20° E. and S. 20° W.
40.00	Set a Sand stone 11 x 9 x 7 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.
53.50	Leave Flat bears E. and W. and ascend.
63.00	Top of Hill bears E. and W. and descend.
80.00	Set a Sand stone 17 x 15 x 2 ins. 11 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.
	61.00 lks. 19.00 lks.
	Land mountainous. and level.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 25 and 36.
	Variation 14° 45′ East.
	Over rolling land.
13.50	Cross Wash, 50 lks. wide, Course N. 20° E. and ascend.
21.00	Top of Spur, bears N. 20° E. & S. 20° W. and descend.
40.00	Set temporary ¼ Sec. Cor.
47.00	Cross Wash, 50 lks. wide, Course S. 25° E. and ascend.
59.00	Top of Spur, bears N.W. and S.E. and descend.
79.82	Intersect E., B. of Tp. 60 lks. North of cor. to secs. 25, 30, 31-36, from which corner, I run N. 89° 34′ W. on a true line, between sections 25-36,
	Variation ~~15~~ 14° 45′ East.
39.91	Set a Sand stone 11 x 9 x 5 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.82	The corner to sections 25-26-35-36.
	Land rolling.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West
6th Principal Meridian.

Chains — North, between Sections 25 and 26.

Variation 14°45′ East.

Over rolling land.

14.00 *Enter Flat bears* E. and W.

40.00 *Set a* Sand *stone* 13 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 *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*

55.50 *Leave Flat bears* E. and W., *and ascend.*

73.00 *Top of Ridge, bears* E. and W., *and descend.*

80.00 *Set a* Sand *stone* 13 x 10 x 7 *ins.* 9 *ins. in the ground for Cor. to Secs.* 23-24-25-26 *marked with* 2 *notches on S. and* 1 *notch on E. edges, dug pits* 18 x 18 x 12 *ins. in each Sec.,* 5½ *ft. dist. and raised a mound of earth* 2 *ft. high,* 4½ *ft. base.*

Land 41.50 chs. *level and* 38.50 chs. *mountainous.*

Soil 2nd & 3rd *rate*

Vegetation, Bunchgrass.

Township 32 North Range 33 West
6th Principal Meridian.

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

Variation 14°30′ East.

Ascend.

7.50 *Top of Spur, bears* N. and S., *and descend.*

21.00 *Cross Wash,* 50 *lks. wide, Course* N., *and ascend.*

34.50 *Top of Spur, bears* N. and S., *and descend.*

40.00 *Set temporary* ¼ *Sec. Cor.*

45.50 *Cross Wash,* 75 *lks. wide, Course* N. 20° E., *and ascend.*

54.50 *Top of Spur, bears* N. E. and S. W., *and descend.*

80.03 *Intersect* E. *B. of Tp.* 23 *lks.* North *of cor. to secs.* 19-24-25-30 *from which corner, I run* N. 89° 50′ W., *on a true line, between sections* 24-25.

Variation 14° 25′ *East.*

40.02 *Set a* Sand *stone* 11 x 9 x 4 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits* 18 x 18 x 12 *ins.,* N *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*

80.03 *The corner to sections* 23-24-25-26.

Land mountainous.

Soil 2nd & 3rd *rate*

Vegetation, Bunchgrass.

Chains	North, between Sections 23 and 24. Variation 14° 30′ East.
	Over rolling land.
9.50	*Cross Wash, 250 lks. wide, Course N.80° E. and ascend.*
21.00	*Top of Spur, bears N.85° E. & S.85° W. and descend.*
31.50	*Cross Wash, 50 lks. wide, Course E. and ascend.*
40.00	*Set a Sand stone 13 x 12 x 10 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.*
46.50	*Top of Spur, bears N.65° E. & S.65° W. and descend.*
59.50	*Cross Wash, 150 lks. wide, Course N.60° E. and ascend.*
80.00	*Set a Sand stone 15 x 11 x 9 ins. 10 ins. in the ground for Cor. to Secs 13-14-23-24 marked with 3 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.*

Land, rolling 13.50 lks. and mountainous 66.50 lks.
Soil 2nd & 3rd rate
Vegetation, Bluegrass.

Chains	East, on a random line between Sections 13 and 24. Variation 14° 35′ East.
	Descend.
21.00	*Cross Wash, 300 lks. wide, Course N.65° E. and ascend.*
40.00	*Set temporary ¼ Sec. Cor.*
51.00	*Top of Spur, bears N.E. and S.W. and descend.*
62.50	*Cross Wash, 250 lks. wide, Course N.75° E. and ascend.*
79.90	*Intersect E., B. of Tp. 10 lks. South of cor. to secs. 13-18-19-24 from which corner, I run S.89° 56′ W. on a true line, between sections 13-24, Variation 14° 20′ East.*
39.95	*Set a Sand stone 15 x 9 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.*
79.90	*The corner to sections 13-14-23-24,*

Land, 74.40 lks. mountainous. and 5.50 lks. level.
Soil 2nd rate
Vegetation, Bluegrass.

Chains	North, between Sections 13 and 14. Variation 14°35' East.
	Ascend.
12.50	*Top of Spur, bears* N.E. and S.W. *and descend.*
27.00	*Cross Wash,* 50 *lks. wide, Course* N.E., *and ascend.*
40.00	*Set a* Sand *stone* 12x10x8 *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.*
42.50	*Top of Spur, bears* N.E. and S.W. *and descend.*
53.50	*Cross Wash,* 200 *lks. wide, Course* N.40°E., *and ascend.*
80.00	*Set a* Sand *stone* 14x12x9 *ins.* 9 *ins. in the ground for Cor. to Secs.* 11-12-13-14 *marked with* 4 *notches on S. and* 1 *notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec.,* 5½ *ft. dist. and raised a mound of earth 2 ft. high,* 4½ *ft. base.*
	on N.W. Slope.
	Land 77.50 chs. *mountainous.* and 2.50 chs. level
	Soil 3rd *rate*
	Vegetation, Bunchgrass.

Chains	East, on a random line between Sections 12 and 13. Variation 14°25' East.
	Ascend.
18.00	*Top of Spur, bears* N.E. and S.W. *and descend.*
30.00	*Cross Wash,* 400 *lks. wide, Course* N.E., *and ascend.*
40.00	*Set temporary* ¼ *Sec. Cor.*
43.00	*Top of Spur, bears* N.E. and S.W. *and descend.*
49.50	*Cross Wash,* 150 *lks. wide, Course* S.60°E., *and ascend.*
58.50	*Top of Spur, bears* N.60°W. S.60°E., *and descend.*
79.95	*Intersect E., B. of Tp.* 21 *lks.* South *of cor. to secs.* 7-12-13-18 *from which corner, I run* S.89°57'W., *on a true line, between sections* 12-13
	Variation 14°25' *East.*
39.98	*Set a* Sand *stone* 13x10x9 *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.*
79.95	*The corner to sections* 11-12-13-14,
	Land 74.45 chs. *mountainous.* and 5.50 level.
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.
	Aug. 22, 1882.

Chains	North, between Sections 11 and 12. Variation 14° 25′ East.
	Descend.
14.50	*Cross Wash,* 30 *lks. wide, Course* N.E. *and ascend.*
24.00	*Top of Spur, bears* N.40° E. & S.40° W. *and descend.*
36.50	*Cross Wash,* 150 *lks. wide, Course* N.40° E. *and ascend.*
40.00	*Set a* Sana *stone* 13 x 11 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.*
49.00	*Top of Spur, bears* N.35° E. & S.35° W. *and descend.*
59.50	*Cross Wash,* 200 *lks. wide, Course* N.40° E. *and ascend.*
80.00	*Set a* Sana *stone* 13 x 10 x 9 *ins.* 9 *ins. in the ground for Cor. to Secs.* 1-2-11-12 *marked with* 5 *notch* EO *on S. and* / *notch on E. adjacent 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.*

on S.E. slope,
Land 76.20 chs. mountainous. and 3.80 chs. level,
Soil 2nd & 3rd rate
Vegetation, Bunchgrass.

Chains	East, on a random line between Sections 1 and 12. Variation 14° 30′ East.
	Descend.
24.00	*Cross Wash,* 400 *lks. wide, Course* N.E. *and ascend.*
40.00	*Set temporary* ¼ *Sec. Cor.*
44.50	*Top of Spur, bears* N.E. and S.W. *and descend.*
59.00	*Cross Wash,* 50 *lks. wide, Course* N.E. *and ascend.*
67.00	*Top of Spur, bears* N.E. and S.W. *and descend.*
79.73	***Intersect*** *E. B. of Tp.* 12 *lks.* North *of cor. to secs.* 1-6-7-12 *from which corner, I run* N.89° 55′ W. *on a true line, between sections* 1-12,
	Variation 14° 30′ *East.*
39.87	*Set a* Sana *stone* 14 x 10 x 8 *ins.,* 9 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits 18 x 18 x 12 ins.,* 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* 1-2-11-12,

Land 75.23 chs. mountainous. and 4.50 chs. level
Soil 2nd & 3rd rate
Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	
	North, on a ~~random~~ true line between Sections 1 and 2.
	Variation 14°30′ East.
	Ascend.
7.50	*Top of Spur, bears* N.E. and S.W. *and descend.*
31.50	Enter Tableland, bears N.E. and S.W.
40.00	*Set a* Sand *stone* 15 x 12 x 9 *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.*
79.30	*Intersect the* 9th *" Standard Parallel* North *at a point* ~~36.21~~ 39.79 *chs.* ~~West~~ East *of the Standard* ¼ *Cor. to* Sec. 36 *Tp.* 33 N., *Rs.* ~~32~~ 32–33 W., *at which point I*
	Set a Sand *stone* 16 x 9 x 7 *ins.* 11 *ins. in the ground for Closing Cor. to Secs.* 1 *and* 2 *marked C. C. with* 1 *notch on E. and* 5 *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 31.50 chs. *mountainous.* and 47.80 chs. level.
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.

6th Principal Meridian.

Chains	
	North, between Sections 34 and 35.
	Variation 14°35′ East.
	Enter Flat bears E. and W.,
37.00	*Leave Flat bears* E. and W. *and ascend.*
40.00	*Set a* Sand *stone* 15 x 12 x 9 *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.*
53.50	*Top of Ridge, bears* E. and W. *and descend.*
79.00	*Cross Wash,* 2.00 *lks. wide, Course* East,
80.00	*Set a* Sand *stone* 20 x 18 x 13 *ins.* 15 *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 39.00 chs. level & 41.00 chs. mountainous.
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.

Chains	East, on a random line between Sections 26 and 35.
	Variation 14°30' East.
	Descend.
13.50	Cross Wash, 200 lks. wide, Course N.89° E. and ascend.
31.50	Top of Spur, bears N.70° E. & S.70° W. and descend.
40.00	Set temporary ¼ Sec. Cor.
49.50	Cross Wash, 50 lks. wide, Course N.75° E. and ascend.
80.33	Intersect N. & S. line, 28 lks South of cor. to secs. 25-26-35-36 from which corner, I run S.89°48' W. on a true line between sections 26-35,
	Variation 14° ~~45'~~ 30' East
40.17	Set a Sand stone 13 x 11 x 9 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.33	The corner to sections 26-27-34-35,
	Land 77.83 lks. mountainous. and 2.50 lks. level.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Chains	North, between Sections 26 and 27.
	Variation 14°30' East.
	Ascend.
14.00	Top of Spur, bears E. and N. and descend.
27.50	Cross Wash, 125 lks. wide, Course East and ascend.
40.00	Set a Sand stone 13 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 and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
48.00	Top of Spur, bears E. and N. and descend.
49.50	Cross Wash, 300 lks. wide, Course N.75° E. and ascend.
68.00	Top of Spur, bears E. and N. and descend.
80.00	Set a Sand stone 17 x 9 x 8 ins. 11 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 75.75 lks. mountainous. and 4.25 lks. level
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian

Chains	East, on a random line between Sections 23 and 26.
	Variation 14°40' East.
	Descend.
23.00	Cross Wash, 125 lks. wide, Course N85°E, and ascend.
40.00	Set temporary ¼ Sec. Cor.
43.00	Top of Spur, bears N.75°E. & S.75°W. and descend.
59.00	Cross Wash, 300 lks. wide, Course N.70°E. and ascend.
80.10	Intersect N. & S. line, 5 lks. North of cor. to secs. 23-24-25-26 from which corner, I run N89°58' W. on a true line between sections 23-26,
	Variation 14°50' East
40.05	Set a Sand stone 17 x 12 x 9 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.10	The corner to sections 22-23-26-27.
	Land 7.85 chs. mountainous. and 4.25 chs. level
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 22 and 23.
	Variation 14°40' East.
	Descend.
7.50	Cross Wash, 50 lks. wide, Course N80°E, and ascend.
20.50	Top of Spur, bears E. and W., and descend.
34.50	Cross Wash, 125 lks. wide, Course East and ascend.
40.00	Set a Sand stone 11 x 9 x 6 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.
51.00	Top of Spur, bears N.70°E. & S.70°W. and descend.
69.00	Cross Wash, 300 lks. wide, Course N70°E. and ascend.
80.00	Set a Sand stone 17 x 15 x 10 ins. 11 ins. in the ground for Cor. to Secs. 14-15-22-23 marked with 3 notch es on S. and 2 notch es 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 7.25 chs. mountainous. and 4.75 chs. level.
	Soil 2nd & 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.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 14 and 23.
	Variation 14°40' East.
	Descend.
24.00	Cross Wash, 350 lks. wide, Course N.65°E, and ascend.
40.00	Set temporary ¼ Sec. Cor.
63.50	Top of Spur, bears N.55°E. & S.55°W. and descend.
79.82	Intersect N. & S. line, 26 lks. North of cor. to secs. 13-14-23-24 from which corner, I run N.89°49' W. on a true line between sections 14-23,
	Variation 14°~~35'~~ 40' East
39.91	Set a Sand stone 17 x 15 x 10 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.
79.82	The corner to sections 14-15-22-23,
	Land 76.32 lks. mountainous. and 3.50 lks. level.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 14 and 15.
	Variation 14°40' East.
	Descend.
6.50	Cross Wash, 250 lks. wide, Course N.65°E, and ascend.
19.00	Top of Spur, bears N.60°E. & S.60°W. and descend.
31.00	Cross Wash, 300 lks. wide, Course N.50°E, and ascend.
40.00	Set a Sand stone 17 x 13 x 10 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
50.50	Top of Spur, bears N.E. and S.W. and descend.
69.50	Cross Wash, 200 lks. wide, Course N.E., and ascend.
80.00	Set a Sand stone 20 x 17 x 10 ins. 15 ins. in the ground for Cor. to Secs. 10-11-14-15 marked with 4 notch es on S. and 2 notch es 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 74.50 lks. mountainous. and 5.50 lks. level.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.
	Aug. 23, 1882.

Township 32 North Range 33 West

6th Principal Meridian

Chains	East, on a random line between Sections 11 and 14.
	Variation 14°30′ East.
	Descend.
12.00	*Cross Wash, 300 lks. wide, Course N.40° E. and ascend.*
37.50	*Top of Spur, bears N.E. and S.W. and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
63.00	*Cross Wash, 50 lks. wide, Course N.E. and ascend.*
79.74	*Intersect N. & S. line, 40 lks. North 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 14° ~~25′~~ 30′ East
39.87	*Set a Sand stone 14 x 10 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., 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 10-11-14-15,*
	Land 76.24 lks. mountainous. and 3.50 lks. level.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian

Chains	North, between Sections 10 and 11.
	Variation 14°30′ East.
	Ascend.
11.00	*Top of Spur, bears N.E. and S.W. and descend.*
20.50	*Cross Wash, 200 lks. wide, Course N.35° E. and ascend.*
36.50	*Top of Spur, bears N.E. and S.W. and descend.*
40.00	*Set a Sand stone 13 x 12 x 10 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 Wash, 50 lks. wide, Course N.40° E. and ascend.*
59.50	*Top of Spur, bears N.40° E. & S.40° W. and descend.*
73.00	*Cross Wash, 125 lks. wide, Course N.E. and ascend.*
80.00	*Set a Sand stone 14 x 10 x 9 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 75.25 lks. mountainous. and 4.75 lks. level.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Chains	East, on a random line between Sections 2 and 11. Variation 14°30′ East.
	Descend.
8.00	Cross Wash, 150 lks. wide, Course N.E., and ascend.
21.50	Top of Spur, bears N.E. and S.W. and descend.
40.00	Set temporary ¼ Sec. Cor.
53.00	Cross Wash, 250 lks. wide, Course N.E., and ascend.
70.00	Top of Spur, bears N.E. and S.W. and descend.
79.86	Intersect N. & S. line, 22 lks. North of cor. to secs. 1-2-11-12 from which corner, I run N 89°51′ W. on a true line between sections 2-11.
	Variation 14°30′ East
39.93	Set a Sand stone 11 x 9 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.86	The corner to sections 2-3-10-11, Land 75.86 lks. mountainous. and 4.00 lks. level. Soil 2nd & 3rd rate Vegetation, Bunchgrass.

Chains	North, on a ~~random~~ true line between Sections 2 and 3. Variation 14°30′ East.
	Ascend.
11.50	Top of Spur, bears N.E. and S.W. and descend.
20.50	Cross Wash, 300 lks. wide, Course N.E., and ascend.
40.00	Set a Sand stone 11 x 9 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.
78.66	Intersect the 8th Standard Parallel North at a point ~~29.77~~ 10.23 chs. ~~West~~ East of the Standard Cor. to Secs. 35 ~~and 36~~ T. 33N., R. 33W., at which point I
	Set a Sand stone 18 x 16 x 9 ins. 12 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, 4½ ft. base.
	Land 75.66 lks. mountainous. and 3.00 lks. level Soil 2nd & 3rd rate Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian

Chains	North, between Sections 33 and 34.
	Variation 14°50′ East.
	Over rolling land.
7.00	*Cross Wash,* 25 *lks. wide, Course* N.80°W. *and ascend.*
21.00	*Top of Spur, bears* N.70°W. & S.70°E. *and descend.*
36.50	*Cross Wash,* 50 *lks. wide, Course* N.65°W. *and ascend.*
40.00	*Set a* Sana *stone* 13 x 12 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 *and* W *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
46.50	*Top of Spur, bears* N.W. *and* S.E. *and descend.*
57.50	*Cross Wash,* 100 *lks. wide, Course* N.W. *and ascend.*
80.00	*Set a* Sana *stone* 13 x 10 x 8 *ins.* 9 *ins. in the ground for Cor. to Secs.* 27-28-33-34 *marked with* 1 *notch on S. and* 3 *notch es 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 & 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 27 and 34.
	Variation 14°45′ East.
	Ascend.
13.00	*Top of Spur, bears* N.W. *and* S.E. *and descend.*
27.50	*Cross Wash,* 350 *lks. wide, Course* N.40°W. *and ascend.*
40.00	*Set temporary* ¼ *Sec. Cor.*
49.00	*Top of Spur, bears* N.60°W. & S.60°E. *and descend.*
52.00	*Cross Wash,* 500 *lks. wide, Course* N.70°W. *and ascend.*
79.88	*Intersect N. & S. line,* 32 *lks.* North *of cor. to secs.* 26-27-34-35 *from which corner, I run* N.89°46′ *W. on a true line between sections* 27-34.
	Variation 14°30′ 45′ *East*
39.94	*Set a* Sana *stone* 11 x 9 x 8 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits* 18 x 18 x 12 *ins.,* N *and* S *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
79.88	*The corner to sections* 27-28-33-34.
	Land, 71.38 chs. *mountainous.* and 8.50 chs. level
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Chains	North, between Sections 27 and 28. Variation 14°45' East.
	Ascend.
11.00	*Top of Spur, bears* N.W. and S.E., *and descend.*
31.50	*Cross Wash,* 400 *lks. wide, Course* N.40°W. *and ascend.*
40.00	*Set a* Sand *stone* 12 x 10 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.*
44.50	*Top of Spur, bears* N.W. and S.E., *and descend.*
59.00	*Cross Wash,* 50 *lks. wide, Course* N.40°W. *and ascend.*
67.00	*Top of Spur, bears* N.35°W. & S.35°E., *and descend.*
80.00	*Set a* Sand *stone* 20 x 10 x 8 *ins.* 15 *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 mountainous.
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.

Chains	East on a random line between Sections 22 and 27. Variation 14°45' East.
	Descend.
6.50	*Cross Wash,* 50 *lks. wide, Course* N.35°W. *and ascend.*
17.00	*Top of Spur, bears* N.30°W. & S.30°E. *and descend.*
23.00	*Enter Flat bears* N.30°W. and S.30°E.
40.00	*Set temporary* ¼ *Sec. Cor.*
63.00	*Leave Flat bears* N.E. and S.W. *and ascend.*
79.96	*Intersect N. & S. line,* 4 *lks.* North *of cor. to secs.* 22-23-26-27 *from which corner, I run* N.89°58' W. *on a true line between sections* 22-27. *Variation* 14°45' *East*
39.98	*Set a* Sand *stone* 14 x 12 x 10 *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.*
79.96	*The corner to sections* 21-22-27-28. 39.46 *chs. and* 40.50 *chs. level*
	Land mountainous.
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 21 and 22.
	Variation 14°45' East.
	Descend.
8.50	*Cross Wash,* 75 lks. wide, Course N.40°W. and ascend.
23.00	*Top of Spur, bears* N.35°W. & S.35°E. *and descend.*
31.50	*Enter Flat bears* N.35°W. and S.35°E.
40.00	*Set a* Sand *stone* 14 x 10 x 7 *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.*
71.00	*Leave Flat bears* E. and W. *and ascend.*
80.00	*Set a* Sand *stone* 17 x 13 x 10 *ins.* 11 *ins. in the ground for Cor. to Secs.* 15-16-21-22 *marked with* 3 *notch* es *on S. and* 3 *notch* es *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. 39.75 chs. and 40.25 chains level.
Soil 2nd & 3rd *rate*
Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 15 and 22.
	Variation 14°50' East.
	Descend.
37.50	*Enter Flat bears* N.70°E. and S.70°W.
40.00	*Set temporary* ¼ *Sec. Cor.*
51.00	*Leave Flat bears* N. and S. *and ascend.*
63.50	*Top of Spur, bears* N. and S. *and descend.*
79.99	*Intersect N. & S. line,* 26 *lks.* South *of cor. to secs.* 14-15-22-23 *from which corner, I run* S.89°49' W. *on a true line between sections* 15-22, *Variation* 14°~~20'~~ *East*
40.00	*Set a* Sand *stone* 13 x 9 x 8 *ins.,* 9 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits* 18 x 18 x 12 *ins.,* N *and* S *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
79.99	*The corner to sections* 15-16-21-22,

Land level. & rolling.
Soil 2nd & 3rd *rate*
Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 15 and 16.
	Variation 14°50' East.
	Ascend.
17.50	*Top of Ridge, bears* E and W. *and descend.*
29.00	*Cross Wash,* 125 *lks. wide, Course* N.70°E, *and ascend.*
40.00	*Set a* Sand *stone* 17 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 *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
48.50	*Top of Spur, bears* E. and W. *and descend.*
67.50	*Cross Wash,* 50 *lks. wide, Course* East *and ascend.*
76.00	*Top of Spur, bears* N.70°E. & S.70°W *and descend.*
80.00	*Set a* Sand *stone* 19 x 13 x 7 *ins.* 14 *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.
	Aug. 24, 1882.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 10 and 15.
	Variation 14°40' East.
	Ascend.
13.00	*Top of Spur, bears* N.65°E. & S.65°W. *and descend.*
24.50	*Cross Wash,* 50 *lks. wide, Course* N.65°E. *and ascend.*
40.00	*Set temporary* ¼ *Sec. Cor.*
45.00	*Top of Spur, bears* N.60°E. & S.60°W. *and descend.*
52.00	*Cross Wash,* 300 *lks. wide, Course* N.E., *and ascend.*
69.00	*Top of Spur, bears* N.E. and S.W. *and descend.*
80.21	*Intersect N. & S. line,* 6 *lks.* North *of cor. to secs.* 10-11-14-15 *from which corner, I run* N.89°57' W. *on a true line between sections* 10-15,
	Variation 14° ~~30'~~ 40' *East*
40.11	*Set a* Sand *stone* 13 x 12 x 9 *ins.,* 9 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
80.21	*The corner to sections* 9-10-15-16,
	Land 76.71 *lks. mountainous.* and 350 *lks. level.*
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 9 and 10.
	Variation 14°40' East.
	Descend.
17.50	Cross Wash, 75 lks. wide, Course N.75°E. and ascend.
26.50	Top of Spur, bears N.70°E., & S.70°W. and descend.
40.00	Set a Sand stone 11 x 9 x 6 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.
50.50	Cross Wash, 50 lks. wide, Course N.65°E. and ascend.
68.00	Top of Spur, bears N.65°E. & S.65°W. and descend.
80.00	Set a Sand stone 13 x 10 x 8 ins. 9 ins. in the ground for Cor. to Secs. 3-4-9-10 marked with 5 notch es 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 32 North Range 33 West

6th Principal Meridian.

Chains	East on a random line between Sections 3 and 10.
	Variation 14°35' East.
	Ascend.
17.00	Top of Spur, bears N.60°E. & S.60°W. and descend.
35.00	Cross Wash, 150 lks. wide, Course N.65°E. and ascend.
40.00	Set temporary ¼ Sec. Cor.
43.00	Top of Spur, bears N.65°E. & S.65°W. and descend.
60.00	Cross Wash, 200 lks. wide, Course N.60°E. and ascend.
68.00	Top of Spur, bears N.E. and S.W. and descend.
80.15	Intersect N. & S. line, 58 lks North of cor. to secs. 2-3-10-11 from which corner, I run N.89°35' W. on a true line between sections 3-10
	Variation 14°30' East
40.08	Set a Sand stone 15 x 12 x 9 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.
80.15	The corner to sections 3-4-9-10,
	Land 76.65 mountainous. and 3.50 chs. level
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 3 and 4. Variation 14° 35′ East.
	Descend.
23.00	Cross Wash, 75 lks. wide, Course N. 40° E. and ascend.
32.50	Top of Spur, bears N. E. and S. W. and descend.
40.00	Set a Sand stone 13 x 9 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.
78.10	Intersect the 8th Standard Parallel North at a point 29.54 chs. West of the Standard Cor. to Secs. 34 and 35 T. 33 N., R. 33 W., at which point I
	Set a Sand stone 17 x 9 x 6 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 mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 32 and 33. Variation 15° 05′ East.
	Enter Flat bears N. 80° E. and S. 80° W.
32.00	Leave Flat bears same and ascend.
40.00	Set a Sand stone 16 x 10 x 4 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
45.00	Top of Spur, bears E. and W. and descend.
53.00	Cross Wash, 100 lks. wide, Course East and ascend.
80.00	Set a Sand stone 14 x 4 x 10 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., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land 47.00 chs. mountainous. & 33.00 chs. level.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33.
	Variation 14°50' East.
	Descend.
25.10	Cross Wash, 50 lks. wide, Course N, and ascend.
40.00	Set temporary ¼ Sec. Cor.
79.77	Intersect N. & S. line, 11 lks. North of cor. to secs. 28-27-33-34 from which corner, I run N.89°55' W. on a true line between sections 28-33.
	Variation ~~14°45'~~ 14°50' East
39.89	Set a Sand stone 12 x 12 x 10 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.77	The corner to sections 28-29-32-33
	Land rolling.
	Soil 2nd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian

Chains	North, between Sections 28 and 29.
	Variation 14°50' East.
	Ascend.
20.00	Top of Spur, bears E. and W., and descend.
39.00	Cross Wash, 20 lks. wide, Course East and ascend.
40.00	Set a Sand stone 13 x 11 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.
63.00	Top of Ridge, bears E. and W., and descend.
80.00	Set a Sand stone 16 x 12 x 11 ins. 11 ins. in the ground for Cor. to Secs. 20-21-28-29 marked with 2 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd rate
	Vegetation, Bunchgrass.

Chains	East, on a random line between Sections 21 and 28.
	Variation 14° 30′ East.
	Descend.
30.00	*Cross Wash,* 75 lks. wide, Course N, and ascend.
40.00	*Set temporary ¼ Sec. Cor.*
49.00	*Top of Spur, bears* N. and S. *and descend.*
61.00	*Cross Wash,* 75 lks. wide, Course N.W. *and ascend.*
72.00	*Top of Spur, bears* N.W. and S.E., *and descend.*
79.63	*Intersect N. & S. line,* 50 lks. North *of cor. to secs.* 21-22-27-28 *from which corner, I run* N. 89° 39′ W. *on a true line between sections* 21-28,
	Variation 14° ~~45′~~ 30′ *East*
39.82	*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.*
79.63	*The corner to sections* 20-21-28-29.
	Land mountainous.
	Soil 2nd rate
	Vegetation, Bunchgrass.

Chains	North, between Sections 20 and 21.
	Variation 14° 30′ East.
	Descend.
15.00	*Enter Flat bears* N.W. and S.E.,
40.00	*Set a* Sand *stone* 15 x 6 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.*
70.00	*Leave Flat bears* E. and W. *and ascend.*
80.00	*Set a* Sand *stone* 15 x 8 x 6 *ins.* 10 *ins. in the ground for Cor. to Secs.* 16-17-20-21 *marked with* 3 *notches on S. and* 4 *notches on E. edges, dug pits 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 level. and rolling.
	Soil 2nd rate
	Vegetation, Bunchgrass.

Chains	East, on a random line between Sections 16 and 21.
	Variation 14°30′ East.
	Along South Slope,
15.00	Enter Flat bears N.80°E. and S.80°W.
40.00	Set temporary ¼ Sec. Cor.
55.00	Leave Flat bears N.W. and S.E. and ascend.
79.94	Intersect N. & S. line, 41 lks. North of cor. to secs. 15-16-21-22 from which corner, I run N.89°42′W. on a true line between sections 16-21′
	Variation 14°30′ East
39.97	Set a Sand stone 12 x 10 x 9 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.94	The corner to sections 16-17-20-21,
	Land level and rolling.
	Soil 2nd rate
	Vegetation, Bunchgrass.

Chains	North, between Sections 16 and 17.
	Variation 14°30′ East.
	Ascend.
26.00	Top of Spur, bears E. and W., and descend.
40.00	Set a Sand stone 14 x 11 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.
43.00	Cross Wash, 75 lks. wide, Course N.W. and ascend.
80.00	Set a Sand stone 15 x 11 x 6 ins. 16 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 mountainous.
	Soil 2nd & 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. 25, 1882.

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

Variation 14°50′ East.

Ascend.

19.00 *Top of Ridge, bears* N.30°W. & S.30°E. *and descend.*

33.00 *Cross Wash,* 50 *lks. wide, Course* N.E. *and ascend.*

40.00 *Set temporary ¼ Sec. Cor.*

62.00 *Top of Spur, bears* N. and S. *and descend.*

80.11 *Intersect N. & S. line,* 31 *lks* North *of cor. to secs.* 9-10-15-16 *from which corner, I run* N89°47′ W. *on a true line between sections* 9-16,

Variation 14° ~~40~~ 50′ *East*

40.06 *Set a* Sand *stone* 12 x 8 x 8 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* 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* 8-9-16-17,

Land mountainous.

Soil 2nd & 3rd *rate*

Vegetation, Bunchgrass.

Chains — North, between Sections 8 and 9.

Variation 14°50′ East.

Ascend.

15.00 *Top of Ridge, bears* N.W. and S.E. *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.*

49.00 *Cross Wash,* 75 *lks. wide, Course* N.E. *and ascend.*

80.00 *Set a* Sand *stone* 16 x 12 x 10 *ins.* 11 *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., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*

Land mountainous.

Soil 2nd & 3rd *rate*

Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

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

Variation 14° 30′ East.

Descend.

12.00 Enter Flat bears N. and S.

39.00 Leave Flat bears N. and S. and ascend.

40.00 Set temporary ¼ Sec. Cor.

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

80.05 Intersect N. & S. line, 20 lks. North of cor. to secs. 3-4-9-10 from which corner, I run N. 89° 51′ W. on a true line between sections 4-9.

Variation 14° 30′ East

40.03 Set a Sand stone 15 x 8 x 6 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N 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 4-5-8-9.
27.00 lks. 53.05 lks.
Land, level and mountainous.
Soil 2nd & 3rd rate
Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

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

Variation 14° 30′ East.

Along East Slope.

15.00 Cross low Sag and ascend.

35.00 Top of Spur, bears E. and W. and descend.

40.00 Set a Sand stone 13 x 8 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

77.79 Intersect the 8th Standard Parallel North at a point ~~29.26~~ 10.74 chs. ~~West~~ East of the Standard ¼ Cor. to Secs. 33 and ~~34~~ 4 T. 33 N., R. 33 W., at which point I

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for closing Cor. to Secs. 4 and 5 marked C. C. T. 32 N. R. 33 W., on S., S. 4 on E and S. 5 on W faces, with 4 notches on E and 2 notches on W faces, dug pits 18 x 18 x 12 ins S. E. & W of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous.
Soil 2nd & 3rd rate
Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 31 and 32.
	Variation 15°05′ East.
	Over level land
9.00	*Leave Flat bears* N.E. and W., *and ascend.*
40.00	*Set a* Sand *stone* 14 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 *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
47.00	*Top of Spur, bears* E. and W., *and descend.*
80.00	*Set a* Sand *stone* 14 x 10 x 5 *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 *and level.*
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 29 and 32.
	Variation 14°40′ East.
	Ascend.
15.00	*Top of Spur, bears* N.W. and S.E., *and descend.*
40.00	*Set temporary* ¼ *Sec. Cor.*
46.00	*Cross Wash,* 70 *lks. wide, Course* N.W. *and ascend.*
80.30	*Intersect N. & S. line,* 40 *lks.* South *of cor. to secs.* 28-29-32-33 *from which corner, I run* S. 89°43′ W. *on a true line between sections* 29-32,
	Variation 14°~~50~~ 40′ *East*
40.15	*Set a* Sand *stone* 12 x 10 x 6 *ins.* 8 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits* 18 x 18 x 12 *ins.,* N *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
80.30	*The corner to sections* 29-30-31-32,
	Land Rolling.
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.

Chains	West, on a random line between Sections 30 and 31. Variation 14°40′ East.
	Descend.
12.00	Enter rolling land.
40.00	Set temporary ¼ Sec. Cor.
43.00	Cross Wash, 50 lks. wide, Course N.W. and ascend.
76.23	Intersect N. B. of Tp. 23 lks. South of cor. to secs. 25-30-31-36 from which corner, I run S.89°50′E., on a true line, between sections 30-31, Variation 14° ~~35′~~ 40′ East.
36.23	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.
76.23	The corner to sections 29-30-31-32. Land ~~level and~~ rolling. Soil 2nd & 3rd rate Vegetation, Bunchgrass.

Chains	North, between Sections 29 and 30. Variation 14°40′ East.
	Descend.
29.00	Enter rolling land.
36.00	Cross Wash, 75 lks. wide, Course N.W., and ascend.
40.00	Set a Sand stone 10 x 10 x 6 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.
72.00	Top of Spur, bears E. and W. and descend.
80.00	Set a Sand stone 16 x 14 x 10 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 & 3rd rate Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29.
	Variation 14°30' East.
	Descend.
23.00	Enter rolling land,
40.00	*Set temporary ¼ Sec. Cor.*
55.00	*Top of Ridge, bears* N.5°E. & S.5°W. *and descend.*
80.05	*Intersect N. & S. line,* 65 *lks.* South *of cor. to secs.* 20-21-28-29, *from which corner, I run* S.89°32' W. *on a true line between sections* 20-29.
	Variation 14°30' *East*
40.03	*Set a* Sand *stone* 15 x 8 x 6 *ins.,* 10 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *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* 19-20-29-30,
	Land ~~mountainous.~~ Rolling.
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30.
	Variation 14°30' East.
	Descend.
5.00	*Cross Wash,* 75 *lks. wide, Course* N.E. *and ascend.*
26.50	*Top of Spur, bears* N.E. *and* S.W. *and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
49.00	*Cross Wash,* 60 *lks. wide, Course* N.E. *and ascend.*
76.58	*Intersect* N. B. *of Tp.* 84 *lks.* South *of cor. to secs.* 19-24-25-30 *from which corner, I run* S.89°22'E., *on a true line, between sections* 19-30.
	Variation 14°30' *East.*
36.58	*Set a* Sand *stone* 10 x 6 x 5 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
76.58	*The corner to sections* 19-20-29-30,
	Land mountainous.
	Soil 2nd & 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. 26, 1882.

Township 32 North Range 33 West

6th Principal Meridian.

Chains

North, between Sections 19 and 20.

Variation 14°30′ East.

Descend.

7.50 *Cross Wash,* 100 *lks. wide, Course* N30E *and ascend.*

36.00 *Top of Spur, bears* E. and W. *and descend.*

40.00 *Set a* Sand *stone* 14 x 11 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.*

52.00 *Cross Wash,* 300 *lks. wide, Course* N.E. *and ascend.*

80.00 *Set a* Sand *stone* 15 x 11 x 10 *ins.* 10 *ins. in the ground for Cor. to Secs.* 17-18-19-20 *marked with* 3 *notch* Es *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 76.00 *mountainous.* Add 4.00 Chs. level.

Soil 2nd & 3rd *rate*

Vegetation, Timothy grass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains

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

Variation 14°40′ East.

Descend.

19.00 *Top of Spur, bears* N. and S. *and descend.*

22.00 *Cross Wash,* 75 *lks. wide, Course* N. *and ascend.*

40.00 *Set temporary* ¼ *Sec. Cor.*

49.00 *Top of Spur, bears* N. and S. *and descend.*

79.92 *Intersect N. & S. line,* 12 *lks.* South *of cor. to secs.* 16-17-20-21 *from which corner, I run* S.89°55′ W. *on a true line between sections* 17-20,

Variation 14°~~30′~~ 40′ *East*

39.96 *Set a* Sand *stone* 10 x 9 x 5 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits* 18 x 18 x 12 *ins.,* N *and* S *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*

79.92 *The corner to sections* 17-18-19-20,

Land mountainous.

Soil 2nd & 3rd *rate*

Vegetation, Timothy grass.

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

Variation 14°40' East.

Ascend.

15.30 *Top of Spur, bears* N.30°E. & S.30°W. *and descend.*

29.00 *Cross Wash,* 50 *lks. wide, Course* N.E. *and ascend.*

40.00 *Set temporary ¼ Sec. Cor.*

76.31 *Intersect* W. *B. of Tp.* 30 *lks.* South *of cor. to secs.* 13-18-19-24 *from which corner, I run* S.89°47'E., *on a true line, between sections* 18-19,

Variation 14°~~35'~~ 40' *East.*

36.31 *Set a* Sand *stone* 10 x 10 x 5 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*

76.31 *The corner to sections* 17-18-19-20,

Land mountainous.

Soil 2nd & 3rd rate

Vegetation, Bunchgrass.

Chains — North, between Sections 17 and 18.

Variation 14°40' East.

Ascend.

11.00 *Top of Spur, bears* E. *and* W. *and descend.*

40.00 *Set a* Sand *stone* 15 x 10 x 6 *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.*

41.00 *Cross Wash,* 100 *lks. wide, Course* N.75°E. *and ascend.*

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

72.00 *Enter Flat bears* E. *and* W.,

80.00 *Set a* Sand *stone* 13 x 10 x 8 *ins.* 9 *ins. in the ground for Cor. to Secs.* 7-8-17-18, *marked with* 4 *notch Es on S. and* 5 *notch Es 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. 71.00 chs. and 9.00 chains level.

Soil 2nd & 3rd rate

Vegetation, Bunchgrass.

Chains	East, on a random line between Sections 8 and 17.
	Variation 14°30' East.
	Enter Flat bears N.E. and S.W.
5.00	Cross Wash N. and S.
9.00	Leave Flat bears N.E. and S.W. and ascend.
40.00	Set temporary ¼ Sec. Cor.
55.00	Top of Spur, bears N.E. and S.W. and descend.
80.17	Intersect N. & S. line, 22 lks. South of cor. to secs. 8-9-16-17 from which corner, I run S.89°51' W. on a true line between sections 8-17.
	Variation 14°30' East
40.09	Set a Sand stone 15 x 8 x 3 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.
80.17	The corner to sections 7-8-17-18.
	Land 9.00 lks level. and 71.17 lks mountainous.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Chains	West, on a random line between Sections 7 and 18.
	Variation 14°30' East.
	Enter Flat bears N.E. and S.E.
13.00	Leave Flat bears Same and ascend.
32.00	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ Sec. Cor.
46.00	Cross Wash, 20 lks. wide, Course N.E. and ascend.
76.64	Intersect W. B. of Tp. 4 lks. North of cor. to secs. 7-12-13-18 from which corner, I run N.89°58' E. on a true line, between sections 7-18
	Variation 14°30' East.
36.64	Set a Sand stone 10 x 9 x 5 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
76.64	The corner to sections 7-8-17-18
	Land 13.20 lks level. and 63.44 lks mountainous.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	North, between Sections 7 and 8.
	Variation 14°30′ East.
	Over level land
10.00	*Leave Flat bears* N.70°E. & S.70°W. *and ascend.*
19.00	*Top of Spur, bears* E. and W. *and descend.*
40.00	*Set a* Sand *stone* 10 x 9 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* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
	Willow Sag and ascend.
63.00	*Top of Spur, bears* E. and W. *and descend.*
80.00	*Set a* Sand *stone* 15 x 11 x 9 *ins.* 10 *ins. in the ground for Cor. to Secs.* 5-6-7-8 *marked with* 5 *notch es 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.*
	10.00 lbs. 70.00 lbs.
	Land level. and mountainous.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	East, on a random line between Sections 5 and 8.
	Variation 14°30′ East.
	Ascend.
13.00	*Top of Spur, bears* N.E. and S.W. *and descend.*
29.00	*Cross Wash,* 20 *lks. wide, Course* N.E. *and ascend.*
40.00	*Set temporary* ¼ *Sec. Cor.*
70.00	*Top of Spur, bears* N. and S. *and descend.*
80.14	*Intersect N. & S. line,* 30 *lks.* North *of cor. to secs.* 4-5-8-9 *from which corner, I run* N.89°47′ W. *on a true line between sections* 5-8.
	Variation 14°30′ *East*
40.07	*Set a* Sand *stone* 15 x 13 x 9 *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.*
80.14	*The corner to sections* 5-6-7-8.
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	
	West, on a random line between Sections 6 and 7.
	Variation 14° 30′ East.
	Over rolling land.
	Descend.
22.00	*Cross Wash,* 50 *lks. wide, Course* S.E., *and ascend.*
36.00	*Top of Spur, bears* N. and S. *and descend.*
40.00	*Set temporary* ¼ *Sec. Cor.*
49.00	*Cross Wash,* 30 *lks. wide, Course* S.E., *and ascend.*
76.88	*Intersect* W. *B. of Tp.* 16 *lks.* North *of cor. to secs.* 1-6-7-12 *from which corner, I run* N. 89° 53′ E., *on a true line, between sections* 6-7,
	Variation 14° ~~25′~~ 30′ *East.*
36.88	*Set a* Sand *stone* 10 x 10 x 5 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits* 18 x 18 x 12 *ins.,* N *and* S *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*
76.88	*The corner to sections* 5-6-7-8,
	Land 2280 lks rolling and 5408 lks mountainous.
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.

Township 32 North Range 33 West

6th Principal Meridian.

Chains	
	North, on a ~~random~~ true line between Sections 5 and 6.
	Variation 14° 30′ East.
	Descend.
19.00	*Cross Wash,* 75 *lks. wide. Course* N.W. *and ascend.*
23.00	*Top of Spur, bears* N.W. and S.E., *and descend.*
40.00	*Set a* Sand *stone* 10 x 9 x 3 *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.*
42.00	*Cross Wash,* 60 *lks. wide, Course* N.W. *and ascend.*
53.00	*Top of Spur, bears* N.W. and S.E., *and descend.*
77.25	*Intersect the* 5th *Standard Parallel* North *at a point* ~~29.11~~ 20.89 *chs.* ~~West~~ East *of the Standard Cor. to Secs.* 32 *and* ~~33~~ 4 *T.* 33 *N., R.* 33 *W., at which point I*
	Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Closing *Cor. to Secs.* 5 *and* 6 *marked* C.C. *T.* 32 *N., R.* 33 *W., on S.,* S. 5 *on* E., *and* S. 6 *on* W. *faces, with* 5 *notches on* E *and* 1 *notch on* W *faces, dug pits* 18 x 18 x 12 *ins.* S., E & W *of post,* 5½ *ft. dist. and raised a mound of earth* 2 *ft. high,* 4½ *ft. base around post.*
	Land mountainous.
	Soil 2nd & 3rd *rate*
	Vegetation, Bunchgrass.

Aug 28, 1882.

GENERAL DESCRIPTION.

Some portions of T. 32 N. R. 33 W are level and rolling, but the general character of the land is mountainous.
A considerable part of the Tp. is valuable for grazing purposes, grass being everywhere abundant and of good quality.
The soil is 2nd and 3rd rate.

U. S. Surveyor General's Office.

Plattsmouth Neb 1883.

The foregoing Field Notes of the surveys of

the Subdivision lines of Tp. No. 32 North of Range No 33 West of the Principal Base and *Meridian*

in the State of Neb *executed by*

E A Carter

U. S. Deputy Surveyor, under his contract No 11 *dated*

July 19 th 1882 in the mo of Aug 1882

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

D. V. Stephenson

U. S. Surveyor-General for

General Land Office • Original Field Notes

Book Number

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

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