General Land Office • Original Field Notes

Book Number

618

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.

Town No 29 N Range No 39 W

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

80.08 | 80.04 | 80.10 | 79.93 | 80.03

Field Notes
of
Retracing and
Subdivision
of
Township
No 29 North
of
Base Line
of
Range
No 39 West
of
the 6th P.M.
in Nebraska

Executed by W. T. Richardson
U. S. Deputy Surveyor under
his contract No 114 bearing date
of August 12th 1880.

Survey commenced
May 1st 1881
Survey completed
May 19 1881.

List of names of assistants
James M. Fox Chairman
W. K. Raphael do
T. J. Howard Moundman
H. C. Hall. Flagman.

This Survey was executed with a Light Mountain transit Made by W. & L. E. Gurley of Troy N.Y. No number to be found on the instrument. Tested at the Surveyor Genl Office and approved by the Surveyor Genl before entering the field.

From the Corner to Township 29 N. Ranges 39 E & 40 West I run

Retracing S. boundary of Tp 29 N. R. 39 W.

East along S. bdy of sec 31
Va 14° 28'

40.07 1/4 sec cor good condition rebuilt mound from pits 18 x 24 x 12 in deep

79.91 Cor to secs 31 and 32. fair condition rebuilt mound reset red cedar stake in pit 18 x 24 x 12 in deep

East along S. bdy of sec 32
Va 14° 28'

40.00 1/4 sec cor good condition rebuilt mound from pits 18 x 24 x 12 in deep

80.08 Cor to secs 32. and 33 nearly destroyed rebuilt mound from pits 18 x 24 x 12 in deep reset red cedar stake.

East along S. boundary of sec 33
Va 14° 28'

39.90 1/4 sec cor good condition rebuilt mound from pits 18 x 24 x 12 in deep

80.04 Cor to secs 33. and 34. fair condition

Retracing S. bdy of Tp 29 N. R 39. West.

rebuilt mound from pits 18 x 24 x 12 in deep reset red cedar slate.

East along S. boundary of Sec 34
Va 14° 28'

40.00 1/4 sec cor poor condition rebuilt mound from pits 18 x 24 x 12 in deep V

80.10 Cor to Sec 34 and 35.
Good condition rebuilt mound from pits 18 x 24 x 12 in deep reset red cedar slate in pit

East along S. boundary of Sec 35
Va 14° 28' E

~~39.98~~

39.98 1/4 sec cor good condition rebuilt mound from pits 18 x 24 x 12 in deep

79.93 Cor to Sec 35 and 36 nearly destroyed rebuilt mound from pits 18 x 24 x 12 in deep reset red cedar slate.

Retracing S. boundary Tp 29. R. 39. W.

East along South boundary of township Section 36
Va 14° 28' E.

39.96 1/4 sec cor good condition rebuilt mound reset red ce from pits 18 x 24 x 12 in deep

80.03 Cor to Township 29. Ranges 39. and 38 good condition rebuilt mound from pits 18 x 24 x 12 in deep reset red cedar slate.

Subdivision of Tp 29 North

Having used a Va of 14°35' in running E. boundary of the Tp I commence at the cor to Sec 35 and 36 on S. boundary of the Township and run N. bet Sec 35 and 36.

Va 14° 35' E

28. 00 Valley Course N. E. and S. W

35. 00 Leave Valley " " "

40. 00 Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor

Deposit, charcoal

80. 00 Built mound of Earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to Sec 25. 26. 35 and 36.

Land rolling

Soil 2nd rate.

Range 39 West of the 6th P. M.

East on a random line bet Sec 25 and 36

Va 14° 35' E.

40. 00 Set tem ¼ Sec cor

61. 00 Valley course N. E. and S. W.

80. 23 Intersect East boundary of Tp at a point 25 lks N. of cor to Sec 25. and 36. from which cor I run N. 89° 49' W. on a true line bet Sec 25 and 36

Va 14° 35' E

40. 11½ Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ Sec cor

80. 23 Cor to Sec 25. 26. 35. and 36

Land rolling

Soil 2nd rate.

Subdivision of Tp 29 North

	N. bet- lea 25 and 26
	Va 14° 35' E
40. w	Built- mound of earth 2½ ft. high from pits 18x24x12 in deep for ¼ sec cor
80. w	Difficult. Surveyed Built- mound of earth 3 ft- high from pits 18x24x12 in deep set- red cedar stake 2x2x24 in in S.E. pit- for cor to Secs 23. 24, 25. and 26
	Land rolling
	Soil 2nd. rate

Range 39 West of the 6th P.M.

	East- on a random line
	bet- lea 24. and 25
	Va 14° 35' E.
40. w	Set- corn ¼ sec cor
80. 32	Intersd- E bdy of Tp at a point- 3.0 chs N. of cor to Secs 24. and 25. from which cor I N. 89° 47' West- on a true line bet- Secs 24 and 25
	Va 14° 35' E
40.16	Built- mound of earth 2½ ft. high from pits 18x24x12 in deep for ¼ sec cor
80. 32	Boundaries 23. 24. 25. and 26.
	Land rolling
	Soil 2nd. rate.

Subdivision of Tp 29 North

	N. Vet sec 23. and 24
	Va 14° 35' E.
20.00	Enter Valley Vean N. E. and S. W.
39.90	Leave Valley " " " "
40.00	Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor.
64.00	Enter Valley Vean N. E. & S. W.
80.00	Deposit charcoal Built mound of earth 3 ft high from pile 18 x 24 x 12 in deep set red cedar slate 2 x 2 x 24 in in S. E. pit for cor to sec 13. 14. 23. and 24
	Land Valley 1st rate.
	Land hill good 2nd rate

Range 39. West of the 6th P.M.

	East on a random line
	Vet sec 13. and 24
	Va 14° 35' E
40.00	Set term ¼ sec cor
80.18	Intersect E. bdy of Tp at a point 16 lks N. of cor to sec 13. and 24 from which cor I run N. 89° 53' W on a true line
	Vet sec 13. and 24
	Va 14° 35' E.
40.09	Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor
80.18	Built mound of earth 3 ft high from pile 18 x 24 x 12 in deep set red cedar slate 2 x 2 x 24 in in S. E. pit for cor to sec
80.18	Cor to sec 13. 14. 23. and 24
	Land rolling
	Soil 2nd rate.

Subdivision of Tp 29. North

	N. Vet Sec 13 and 14
	Va 14° 35' E
9.00	Leave Valley Vean E & W
40.00	Built mound of earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec cor
~~50.50~~	~~Leave Valley Vean E & W~~
80.00	Deposited charcoal Built mound of earth 3 ft high from pits 18x24x12 in deep set red cedar stake 2x2x24 in in S. E. pit for cor to Sec 11. 12. 13. and 14
	Land Valley 1st rate
	Willie good 2nd

Range 39 West of the 6th P.M.

	East on a random line
	Vet Sec 12. and 13.
	Va 14° 35' E.
40.00	Set Lim ¼ Sec cor
80.27	Intersect East bdy of Tp at a point 15 lks N. of cor to Sec 12 and 13 from which cor I run N. 89. 54' West on a true line Vet Sec 12. & 13
	Va 14° 35' E
40.13½	Built mound of earth 2½ ft high from pits 18x24x12 in. deep for ¼ Sec cor
80.27	Cor to Sec 11. 12. 13. and 14
	Land rolling
	Soil 2nd rate

Subdivision of Tp 29 North

	N. Bet Sec 11. and 12
	Va 14° 35' E.
40. 00	Built mound of earth
	2½ ft high from pits 18 x 24 x
	12 in deep for 94 sec cor.
70. 00	Enter Valley bear N. E. & S. W
80. 00	Deposits charcoal Built mound of earth
	3 ft high from pits 18 x 24 x 12 in
	deep set red cedar stake
	2 x 2 x 24 in deep in S. E. pit
	for cor to sec 1. 2. 11. and 12.
	Land Valley 1st rate
	" hills 2nd "

Range 39. West of the 6th P.M.

	East on a random line bet
	Sec 1 & 12
	Va 14° 35' E
12. 00	Leave Valley N. E. and S. W.
40. 00	Set Ten 94 sec cor
80 29	Intersect N. and S. line at a
	point 31 lks N. of cor to sec
	1 and 12 from which cor I run
	N. 89° 47' West on a true line bet
	Sec 1 and 12.
	Va 14° 35' E
40. 14½	Built mound of earth
	2½ ft high from pits 18 x 24 x 12
	in deep for 94 sec cor
80. 29	Cor to Sec 1. 2. 11. and 12
	Land rolling
	Soil 2nd rate.

Subdivision of Tp 29. North

on a random line
N. Vet Sea 1. and 2.
Va 14° 35' E

40.00 Set Cor 1/4 Sec cor
45.00 Leave Valley Vein N.E. and S.W.
80.26 Intersect N. bdy of Tp at a point 28 lks West of cor to Sea 1 and 2. from which cor I run S. ~~89° 48' W~~ S. 12' W. on a true line Vet Sea 1 and 2.
Va 14.° 35' E

40.26 Built mound of earth 2 1/2 ft high from pits 18 x 24 x 12 in deep for 1/4 Sec cor
80.26 Cor to Sea 1. 2. 11. and 12
Land Valley good 2nd rate
hills 2nd rate.

May 14th 1851.

Range 39 West of the 6th P.M.

Instrument tested at cor to Sea 34 and 35 on S boundary of Tp by observation of Polaris at its greatest Eastern Elongation. Instrument used Light mountain transit made by W. and L. Gurley of Troy N.Y. the Needle made an angle with the Meridian thus obtained of 12° 34' + Azimuth of 1° 48' = 14° 22' the true Va at this Sta
Difference bet true Va at the point and line last run of 0° 13'
Time 3h 44m Am Civil time
May 15th 1851.

Subdivision of Sp 29 North

	N. Vet Sec 34 and 35
	Va 14° 35' E
40.00	Built mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec cor
80.00	Deposit charcoal Built mound of Earth 3 ft high from pits 18x24x12 in deep set red cedar slate 2x2x24 in in S. E. pit for Cor to Sec 26. 27. 34 and 35
	Land rolling
	Soil good 2nd rate.

Range 39 West of the 6th P.M.

	East on a random line Vet Sec 26. and 35
	Va 14° 35' E
40.00	Set term ¼ Sec cor
79.80	Intersect N. and S. line at a point 7 lks S. of cor to Sec 25. 26. 35 & 36 from which cor I run S. 89° 57' W. on a true line Vet Sec 26. and 35
	Va 14° 35' E
39.90	Built mound of Earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec cor
79.80	Cor to Sec 26. 27. 34 and 35
	Land rolling
	Soil 2nd rate

Subdivision of Tp 29. North

	N. bet. Sec 26 and 27
	Va 14° 35' E
7.00	head of Valley bear N. E
15.00	Leave head of Valley " " "
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Opposite chorevel Built mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S.E. pit for cor to Sec 22. 23. 26. and 27
	Land rolling
	Soil 2nd rate

Range 39 west of the 6th P.M.

	East on a random line
	bet. Sec 23. and 26
	Va 14° 35' E.
40.00	Set time ¼ sec cor
79.76	Intersect N. and S. line at a point 14 lks South of cor to Sec 23. 24. 25. and 26. from which cor. I run S 89° 54' W on a true line bet. Sec 23 & 26
	Va 14° 35' E.
39.88	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
79.76	cor to Sec 22. 23. 26 & 27
	Land rolling
	Soil 2nd rate.

Subdivision of Tp 29 North

✓	N. Vet - Sec 22. and 23
	Va 14° 35' E
40.00	Built - mound of earth
	2½ ft - high from pits
	18 x 24 x 12 in deep for ¼ sec cor
72.50	Enter Valley near E and W.
80.00	Diffuse charcoal Built - mound of earth 3 ft.
	high from pits 18 x 24 x 12.
	in deep set - red cedar stake
	2 x 2 x 24 in in S. E. pit
	for cor to Sec 22. 23. 14. and 15
	Land rolling
	Soil good 2nd rate

Range 39 West of the 6th P.M.

	East on a random line
	Vet - Sec 14 and 23
	Va 14° 35' E
40.00	Set - tem ¼ sec cor
79.91	Intersect - N. and S. line at -
	a point - 18 lks S. of cor to Sec 13
	14. ~~&~~ 23 + 4 from which cor I run
	S. 89° 52' W on a true line
	Vet - Sec 14 & 23
	Va 14° 35' E
✓ 39.95	Built - mound of earth
	2½ ft - high from pits 18 x 24 x 12 in
	deep for ¼ sec cor
79.91	Cor to Sec 10. 11. 14. and 15
	Land rolling
	Soil good 2nd rate.

Subdivision of Rp 29. North

	N. Wt Sec 14 and 15
	Va 14° 35' E.
1.50	Leave Valley Vein E and W.
40.00	Built mound of earth 2½ ft high from pits 18x24x12 in deep for ¼ sec cor.
64.00	Enter Valley Vein E and W.
80.00	Deposit charcoal Built mound of earth 2½ ft high from pits 18x24x12 in deep set red cedar stake 2x2x24 in in S.E. pit for cor to sec 10. 11. 14 and 15.
	Land gently rolling
	Soil good 2nd rate

Range 39. W. of the 6th P.M.

	East on a random line Wt Sec 11. and 14
	Va 14° 35' E
40.00	Set term ¼ sec cor
44.20	Leave Valley E. and
79.82	Intersect N. & S. line at a point 22 ch South of cor to Sec 11. 12. 13. and 14 from which cor I run S 89. 51' W. on a true line Wt Sec 11. and 14
	Va 14° 30' E.
39.94	Built mound of earth 2½ ft high from pits 18x24x12 in deep for ¼ sec cor
79.82	Cor to Sec 10. 11. 14. and 15
	Land rolling
	Soil good 2nd rate

Subdivision of Ap 29. North

N. Vet Sec 10. and 11
Va 14° 35' E

23.00 Leave Valley Vean E. and W.

40.00 Built mound of earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec cor

77.00 Enter Valley Vean N. E. and S. W.

80.00 Deposit charcoal
Built mound of earth 3 ft high from pits 18x24x12 in deep set and cedar stake 2x2x24 in in S. E. pit for cor to Sec 2. 3. 10. & 11.

Land gently rolling
Soil good 2nd rate.

Range 39. West of the 6th P.M.

East on a random line
Vet Sec 2 and 11
Va 14° 35' E

12.00 Leave Valley Vean N. E. & S. W

40.00 Set Ann ¼ Sec cor

60.00 Enter Valley Vean N. W. S. E.

79.70 Intersect N. and S. line at cor to Sec 1. 2. 11. & 12 from which cor I run West on a true line Vet Sec 2 and 11.
Va 14° 35' E

39.85 Built mound of earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec cor

79.70 Cor to Sec 2. 3. 10. and 11

Land gently rolling
Soil 2nd rate.

Subdivision of Tp 29 North

N. on a random line bet-
Sec 2 and 3.
Va 14°35' E
40.00 Set Cor 1/4 Sec cor
41.00 Leave Valley N. E. and S. W
80.08 Intersect N. bdy of Tp at a
point 60 lks West of cor to Sec
2 and 3. from which cor I run
S. 26 W. on a true line bet - Sec
2 and 3
Va 14°35
40.08 Built mound of earth 2½
ft high from pits 18 x 24 x 12 in
deep for 1/4 sec cor
80.08 Cor to Sec 2, 3, 10. and 11
Land rolling
Soil 2nd rate.

May 16th 1881

Range 39 West of the 6th P.M.

Instrument tested at cor to
Sec 33. and 34 by observation of
Polaris at its greatest Eastern
Elongation. Instrument used
a Light Mountain Transit
made by W. and L. E. Gurley
of Troy N. Y. No. No to be found
on the Instrument which was in
good condition. the Needle made
an angle with the meridian
then obtained of 12°34' + Azimuth
of 1°48' = 14°22' the true Va at
this Station. Difference bet-
line last run & true Va of 13'
Time 3 h 36 m A.M. Civil Time
May 17th 1881.

Subdivision of Tp 29. North

	N. bet. sec 33. and 34.
	Va 14° 35' E
40.00	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposite charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to sec 27. 28. 33. and 34
	Land rolling
	Soil 2nd rate

Range 39. west of the 6th P. M.

	East on a random line bet. sec 27. and 34
	Va 14° 35' E
40.00	Set term ¼ sec cor ✓
80.13	Intersect N. and S. line at a point 20 lks N. of cor to sec 26. 27. 34 & 35 from which cor I run W N. 89° 51' W on a true line bet. sec 27. & 34
	Va 14° 35' E
40.06	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor.
80.13	Cor to sec 27. 28. 33. & 34
	Land rolling
	Soil good 2nd rate.

Subdivision of Tp 29 North

N. bet Sec 27 and 28
Va 14° 35' E.

40.00 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor

80.00 Deposited charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to sec 21. 22. 27. and 28

Rang rolling
Soil good 2nd rate.

Range 39 West of the 6th P.M.

East on a random line bet Sec 27 and 22.
Va 14° 35' E

40.00 Set Com ¼ sec cor

80.10 Intersect N. & S. line at cor to Sec 22. 23. 26 and 27 from which cor I run West on a true line bet Sec 22. & 27.
Va 14° 35' E

40.05 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor

80.10 Cor to sec 21. 22. 27. and 28

Land gently rolling
Soil good 2nd rate.

Subdivision of Tp. 29. North

N. bet. sec. 21. and 22.

Va 14° 35' E

40.00 Built mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep for ¼ sec cor

80.00 Deposits charcoal raised mound of earth 3 ft. high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S. E pit for cor to sec 15, 16, 21, & 22

Land rolling

Soil 2nd rate.

Range 3.9. West of the 6th P.M.

East on a random line bet. sec 15. & 22. Va 14° 35' E

24.00 Enter Valley Near East

40.00 Set line ¼ sec cor

80.00 Intersect N. & S. line at a point 12 lks S of cor to sec 14, 15, 22, & 23 from which cor I run S. 84° 55' W on a true line bet. sec 15. & 22

40.00 3 Built mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep for ¼ sec cor Va 14 35 E

80.00 cor to sec 15, 16, 21, & 22

Land Valley & rolling

Soil good 2nd rate.

Subdivision of Tp 29. Boreal Range 39 West of the 6th P.M.

N. Vet Sec 15 and 16
Va 14° 35' E

40.00 Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor

51.00 Enter Valley bear E. and W.

80.00 Opposite charcoal Built mound of earth 3 ft high from pile 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to Sec 9. 10. 15 and 16.

Land gently rolling
Soil good 2nd rate.

East on a random line
Vet Sec 10 and 15
Va 14° 35' E.

40.00 Set temp ¼ sec cor

79.80 Intersect N. and S line at a point 25 lks S. of cor to Sec 10, 11, 14 and 15 from which cor I run S. 89° 49' W. on a true line Vet Sec 10 & 15
Va 14° 35' E ✓

39.90 Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor

79.50 Cor to Sec 9. 10. 15. and 16

Land gently rolling
Soil good 2nd rate.

Subdivision of Tp 29 North

	N. bet sec 9. and 10
	Va 14° 35' E
6.00	Leave Valley bear E and W. V
~~40.00~~	~~Set-term 1/4 sec cor~~
40.00	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
80.00	Deposite charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep set-and cedar stake 2 x 2 x 24 in deep in S. E. pit for cor to sec 3. 4. 9. and 10.
	Land rolling
	Soil 2nd rate

Range 39 West of the 6th P.M.

	East on a random line bet sec 3 and 10
	Va 14° 35' E
40.00	Set-term 1/4 sec cor
51.50	Enter Valley bear N. E. & N. W
79.70	Intersect N and S. line at a point 30 lks South of cor to sec 2. 3. 10. and 11 from which cor I run S. 89° 47' W. on a true line bet sec 3 and 10
	Va 14° 35' E
39.85	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
79.70	Cor to sec 3. 4. 9. and 10.
	Land rolling
	Soil 2nd rate

Subdivision of Tp. 29. North Range 39 West of the 6th P.M.

N. on a random line bet-
Secs 3 and 4.
Va 14° 35' E.

29.00 Enter Valley bear N. E. & W.

40.00 Built mound of earth
2½ ft high from pits 18 x 24 x 12 in
deep for ¼ sec cor

62.00 Leave Valley bearing N. E. & S. W.

79.88 Intersect N. ~~Valley of Tp. line~~ at a
point 20. lks East of cor to
Secs 3 and 4. from which cor
I run S. 0° 9' E on a true line
bet Secs 3 and 4
Va 14° 35' E.

~~May 18th 1881~~

3983 Built Mound of Earth 2½ ft.
high from pits 18 x 24 x
12 in. deep for ¼ sec.
cor.

79.86 Cover to Secs. 3. 4. 9 & 10.
May 18. 1881

Subdivision of Sp 29 N arch

From the cor to sec 32. and 33
on S. bdy of Sp (cor a post & mound
red cedar stake in pit in good condition)
I run N. bet sec 32. and 33.

Va 14° 35' E.

40. w Built mound of earth 2½ ft
high from pits 18 x 24 x 12 in deep
for ¼ sec cor

80. w Deposits charcoal raised
Mound of earth 3 ft high from
pits 18 x 24 x 12 in deep set red
cedar stake 2 x 2 x 24 in in
S. E. pit for cor to sec
28. 29. 32. and 33.

Land rolling
Soil 2nd rate.

Range 39 west of the 6th P.M.

East on a random line
bet sec 28. and 33.

Va 14° 35' E.

40. w Set temp ¼ sec cor

79. 90 Intersect N. and S. line at a
point 22 lks N. of cor to sec
27. 28. 33. and 34. from which
cor I run N. 89° 51' W on a true
line bet sec 28. and 33

Va 14° 35' E

39. 95 Built mound of earth
2½ ft high from pits 18 x 24 x 12 in
deep for ¼ sec cor

79. 90 Cor to sec 28. 29. 32. and 33.

Land rolling
Soil 2nd rate

Subdivision of Sp 29. N.

N. bet Sec 28. and 29
Va 14° 35' E

40.00 Built 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 3 ft high from pits 18 x 24 x 12 in deep. set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to sec 20. 21. 28 & 29

Land rolling
Soil 2nd rate

Range 39. W. of the 6th P. M.

East on a random line bet Sec 21. and 28
Va 14° 35' E

40.00 Set tem ¼ sec cor

79.83 Intersect N & S line at a point 23 lks S. of cor to sec 21. 22. 28 & 27 from which cor I run S. 89° 50' W on a tem line bet sec 21. & 28
Va 14° 35' E

39.91½ Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor

79.83 Cor to sec 20. 21. 28 & 29

Land rolling
Soil good 2nd rate

Subdivision of Tp 29. N.

N. Wt Sec 20. and 21
Va 14° 35' E

40. w Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

80. w Deposited charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in S. E. pit for cor to sec 16. 17. 20 and 21

Land gently rolling
Soil good 2nd rate.

Range 39 W. of the 6th P.M.

East on a random line
Wt sec 16 and 21
Va 14° 35' E

40. w Set tem 1/4 sec cor

80. w Intersect N. & S. line at a point 30 lks S. of cor to sec 15. 16. 21. & 22 from which cor I run S. 89° 47' W on a true line Wt sec 16. & 21
Va 14° 35' E

40. w Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

80. w Cor to sec 16. 17. 20. 21.

Land rolling
Soil good 2nd rate.

Subdivision of Sec 29. N.

N. bet. Sec 16 and 17
Va 140 35' E

40.00 Built 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 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in S. E. pit for cor to Sec 8. 9. 16. and 17.

Land rolling
Soil 2nd rate.

Range 39. W. of the 6th P.M.

✓ East on a random line bet Sec 9 and 16
Va 140 35' E

26.00 Enter West end of Valley Vein East

40.00 Set time ¼ sec cor

80.16 Intersect N and S line at a point 17 ch S. of cor to Sec 9. 10. 15. and 16. from which cor I run S. 89. 53' W on a true line. bet Sec 9. & 16
Va 140 35' E

40.08 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor

80.16 Cor to Sec 8. 9. 16. and 17

Land gently rolling
Soil good 2nd rate

Subdivision of Tp. 29. N.

N. Vet Sea 8. and 9.
Va 14° 35' E.

40.00 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor

63.00 Enter Valley Vein E. and W

80.00 Deposite charcoal varied mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in deep in S. E. pit for cor to sea 4. 5. 8. and 9.

Land rolling
Soil good 2nd rate.

Range 39 W. of the 6th P. M.

East on a random line Vet Sea 4 & 9
Va 14° 35' E.

31.00 Leave Valley Vein N. E & S. W.

40.00 Set tem ¼ sec cor

80.25 Intersect N. and S. line at a point 9 lks S. of cor to sea 3. 4. 9. and 10. from which cor I run S. 89° 56' W. on a true line Vet sea 4 and 9
Va 14° 35' E

40.12½ Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor

80.25 Cor to sea 4. 5. 8. and 9.

Land gently rolling
Soil good 2nd rate.

Subdivision of Tp 29. N.

N. on a random line
Vert Sea 4 and 5.
Va 14° 35' E ✓

8.00 Leave Valley bear E and W.
40.00 Set-term 1/4 sec cor
80.10 Intersect N. bdy of Tp at a
point 13. lks West of cor to
Sea 4 and 5 (Cor a mound & pits
with red cedar stake in pit in
good condition) from which
cor I run S. 6' W. on a true line
Vert Sea 4 and 5
Va 14° 35' E
40.10 Built mound of earth 2½
ft high from pits 18 x 24 x 12 in
deep for 1/4 sec cor
80.10 Cor to Sea 4. 5. 8. & 9.
Land rolling
Soil good 2nd rate.
May 18th 1881.

Range 39. W. of the 6th P.M.

Instrument tested at cor to
Sea 31. and 32 on S. bdy of
Tp by observation of Polaris at
its greatest Eastern Elongation
Instrument used a light
Mountain transit made by W. and
L. E. Gurley of troy N. Y. Instrument
in good adjustment no No to be found
on the Instrument. The needle made
an angle with the meridian then
obtained of 12° 34' + Azimuth of
1° 48' = 14° 22' the true Va at
the point Difference Vert true Va
at the point & line last run of
0° 13'
May 19th 1881 Time 3 h. 28 m
A. M. Civil time.

Subdivision of Tp 29. North

From the cor to Sec 31. and 32 on S. bdy of Tp (cor a Mound & pile red cedar slate in pit good condition) I run N. bet Sec 31. and 32

Va 14° 35' E

40. w Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor

80. w Deposite charcoal raised mound of earth 3 ft high from pile 18 x 24 x 12 in deep set red cedar slate 2 x 2 x 24 in in S. E pit for cor to Sec 29. 30. 31. and 32

Land rolling

Soil 2nd rate. ✓

Range 39. W. of the 6th P.M.

E ait on a random line bet Sec 29. and 32

Va 14° 35' E

40. w Set line ¼ sec cor ✓

80. w Intersect N. & S. line at cor to Sec 28. 29. 32. and 33 from which cor I run West on a true line bet Sec 29. & 32

Va 14° 35' E

40. w Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor

80. w Cor to Sec 29. 30. 31. & 32

Land gently rolling

Soil good 2nd rate.

Subdivision of Ctr. 29. N.

Line

West on a random line bet. sec 30. & 31.

Va 14° 35' E

40.00 Set tem ¼ sec cor

80.21 Intersect W. bdy of tp at a point 9 lks S. of cor to sec 30 & 31 (Cor a mound & pits red cedar stake in pit in good condition) from which cor I run S. 89° 55' E on a true line bet. sec 30. and 31

Va 14° 35' E

40.21 Built mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep for ¼ sec cor

80.21 Cor to sec 29. 30. 31. & 32

Land rolling

Soil 2nd rate.

Range 39 W. of the 6th P.M.

N. bet sec 29 and 30

Va 14° 35' E

40.00 Built mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep for ¼ sec cor

80.00 Deposite charcoal raised mound of earth 3 ft. high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to sec 19. 20. 29. & 30.

Land rolling

Soil 2nd rate.

Subdivision of Tp 29. North

East on a random line bet
Sec 20. and 29.
Va 14° 35' E.

40.00 Set lim 1/4 sec cor
80.11 Intersect N. and S line at a
point 12 lks N. of cor to sec
20. 21. 28. & 29. from which cor
I run N. 89° 55' W. on a true line
bet sec 20. and 29.
Va 14° 35' E

40.05 Built mound of earth 2½ ft
high from pits 18 x 24 x 12 in deep
for 1/4 sec cor
80.11 Cor to sec 19. 20. 29. & 30
Land rolling
Soil 2nd rate.

Range 39. West of the 6th P.M.

W. on a random line bet sec
19. and 30
Va 14° 35' E

40.00 Set lim 1/4 sec cor
80.33 Intersect W. bdy of Tp at a
point 25 lks N. of cor to sec
19. & 30 from which cor I run
~~[illegible]~~ N. 89° 49' E on
a true line bet sec 19. and 30
Va 14° 35' E

40.33 Built mound of earth 2½ ft
high from pits 18 x 24 x 12 in deep
for 1/4 sec cor
80.33 Cor to sec 19. 20. 29. & 30
Land gently rolling
Soil good 2nd rate.

Subdivision of Tp. 29. North

N. bet. Sea 19. and 20.

Va 14° 35' E

40.00 Built mound of earth 2½ ft. high from pit 18 x 24 x 12 in. deep for ¼ sec cor

80.00 Deposit charcoal raised mound of earth 3 ft. high from pit 18 x 24 x 12 in. deep set red cedar stake 2 x 2 x 24 in. in S. E. pit for cor to sea 17. 18. 19. and 20.

Land rolling

Soil 2nd rate.

Range 39 W. of the 6th P. M.

East on a random line bet. sea 17. & 20

Va 14° 35' E

40.00 Set temp ¼ sec cor

80.00 Intersect N. & S. line at a point 12 ch S. of cor to sea 16. 17. 20. & 21 from which cor I run W. on S. 89° 55' W. on a true line bet. sea 17. & 20

Va 14° 35' E

40.00 Built mound of earth 2½ ft. high from pit 18 x 24 x 12 in. deep for ¼ sec cor

80.00 Cor to sea 17. 18. 19. & 20

Land rolling

Soil good 2nd rate.

Subdivision of Tp 29. N.

	W. on a random line bet- sec 18. & 19
	Va 14° 35' E
40.00	Set tem 1/4 sec cor
80.25 / 35	Intersect W bdy of Tp at a point 10 lks S. of cor to sec 18 & 19. from which cor I run S. 89° 56' E. on a true line bet- sec 18. & 19.
	Va 14° 35' E
40.35	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
80.35	Cor to sec 17. 18. 19. & 20
	Land rolling
	Soil 2nd rate.

Range 39 W. of the 6th P.M.

	N. bet sec 17. & 18 Va 14° 35'
40.00	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
80.00	Deposite charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S.E. pit for cor to sec 7. 8. 17. & 18
	Land rolling
	Soil good 2nd rate.

Subdivision of Tp 29 North

East on a random line
Vet sec 8 & 17
Va 14°35' E

40.00 Set term 1/4 sec cor

79.90 Intersect N. and S. line at a point 12 lks S. of cor to sec 8. 9. 16. & 17. from which cor I run S. 89°55' W on a true line
Vet sec 8. & 17.
Va 14°35' E

39.95 Built 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 7. 8. 17. & 18
Land gently rolling
Soil good 2nd rate.

Range 39 West of the 6th P.M.

West on a random line
Vet sec 7 & 18. ✓
Va 14°35' E

40.00 Set term 1/4 sec cor

50.40 Intersect W. bdy of Tp at a point 18 lks S. of cor to sec 7. & 18. ~~from wh~~ (cor a mound & pits with red cedar stake in pit good condition) from which cor I run S 89°52' East on a true line
Vet sec 7. & 18.
Va 14°35' E

40.40 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

80.40 Cor to sec 7. 8. 17. 18.
Land rolling
Soil 2nd rate

Subdivision of Tp 29. North

	N. Wt sec 7. & 8.
	Va 14° 35' E.
40.00	Built mound of earth 2½ ft high from pit 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposit charcoal raised mound of earth 3 ft high from pit 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S.E. pit for cor to sec 5. 6. 7. & 8.
	Land rolling
	Soil 2nd rate.

Range 39. West of the 6th P.M.

	East on a random line
	Wt sec 5 & 8.
	Va 14° 35' E.
8.00	Enter West end of Valley
	Vean East
40.00	Set term ¼ sec cor in Valley
80.08	Intersect N. & S. line at cor to sec 4. 5. 8. & 9. from which cor I run West on a true line Wt sec 5 & 8
	Va 14° 35' E.
40.04	Built mound of Earth 2½ ft high from pit 18 x 24 x 12 in deep for ¼ sec cor
80.08	Cor to sec 5. 6. 7. & 8
	Land mostly Valley
	Soil good 2nd rate

Subdivision of Ctp 29 North

West on a random line bet Secs 6. & 7.

Va 14° 35' E

40.00 Set term 1/4 sec cor

80.53 Intersect West bdy of Ctp at a point 12 lks N of cor to Secs 5. & 7. (cor a mound & pits rad ced or slate in pit good condition) from which cor I run N 89° 55' East on a true line bet secs 6 & 7.

Va 14° 35' E.

40.53 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

80.53 Cor to secs 5. 6. 7 & 8.

Land rough

Soil 3rd rate.

Range 38 W. of the 6th P.M.

N. on a random line bet Secs 6 & 5.

Va 14° 35' E

40.00 Set term 1/4 sec cor

80.23 Intersect N. bdy of Ctp at a point 16 lks East of cor to Secs 5. & 6. (cor a mound & pits slate in pit in good condition) from which cor I run S 7' East on a true line bet Secs 5. & 6.

Va 14° 35' E

40.23 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

80.23 Cor to Secs 5. 6. 7. & 8

Land rolling

Soil 2nd rate.

May 19th 1881.

General Description

The land in this township is mostly fair 2nd rate water can be obtained in the Valleys at a depth of 70 ft of 1st quality soft water the township is covered with the best of grasses, buffalo blue joint & grasses. there is no way to irrigate the Tp except by artesian wells there is very little timber in the Tp and that of a very inferior quality of willow and ash.

Names of Assistants

A list of the names of the assistants employed in running measuring and marking the lines and corners described in the foregoing field notes of the 29. North of the Base Line of Range No 39 West of the 6. P.M. in Nebraska showing the respective capacities in which they acted

James M. Troy	Chainman
W. K. Raphael	do
E. J. Howard	Monumentman
H. C. Hall	Flagaman

State of Nebr } ss
Lincoln Co }

We hereby certify that we assisted W. K. Richardson United States Deputy Surveyor in Surveying and Subdividing Township No 29. North of the Base Line of Range 39. West of the 6th P.M. in Nebraska. & that said Township has been in all respects to the best of our knowledge & belief, faithfully surveyed. and the boundary monuments planted according to the instructions furnished by the Surveyor Genl. & durable character and constructed and marking and in the manner specially described in the foregoing Field Notes

James M Troy Chainman.
W. K. Raphael do
E. J. Howard. Monumentman.
H. C. Hall Flagaman.

Subscribed and Sworn to before me
May 28th 1881 Wm Neville
Notary Public.

State of Nebraska } ss
Lancaster }

I W. T. Richardson United States Deputy Surveyor. do solemnly swear that I have in my own proper person with the necessary assistants. well, truly, and faithfully executed the retracement and subdivision surveys of Twp No 29 North of the Base Line of Range No 3 West of the 6th P.M. in Nebraska under joint contract No 117. with Geo. D. Smith United States Surveyor Genl for the District of Iowa and Nebraska. bearing date of August 12th 1880.

That in making the said surveys I have used only such instruments as were approved by the Surveyor Genl exercising due care in the premises of the adjustment of the same. That I have in all respects complied with the laws of the United States governing public land surveys. the Surveying Manual and such additional instructions as have been furnished me by the said Surveyor General

relating to the aforesaid surveys that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned. that to the best of my knowledge and belief all assistants employed have faithfully obeyed the aforesaid laws and instructions and that the annexed Field Notes are the original. true and correct returns of the said Surveys.

W. T. Richardson

Subscribed in my presence and sworn to before me this 28th day of January 1881

Jno Neville
Notary Public.

Surveyor Genl's Office
Plattsmouth Neb. June 18th 1881.

The foregoing field notes of the retracement of boundaries and Survey and Subdivision of Township No. 29 North of the Base Line of Range No 39 West of the 6th P. M. in Nebraska.

Executed by W. J. Richardson U. S. Deputy Surveyor under his Contract No 117 dated Aug. 12th 1880 in the month of May 1881, having been critically examined the necessary corrections and explanations made, the said field notes, and the Surveys they describe are hereby approved.

Geo. S. Smith
Surveyor General

Town No 30. N Range No 39. W

6	64	5	47	4	35	3	23	2	11	1
63		62		46		34		22		10
7	61	8	45	9	33	10	21	11	9	12
60		59		44		32		20		8
18	58	17	43	16	31	15	19	14	7	13
57		56		42		30		18		6
19	55	20	41	21	29	22	17	23	5	24
54		53		40		28		16		4
30	52	29	39	28	27	27	15	26	3	25
51		50		38		26		14		2
31	49	32	37	33	25	34	13	35	1	36

Field Notes of
Subdivision of Township
No. 30 North of the
Base Line
of Range No. 39 West
of the 6th P.M.
in Nebraska
Executed by W. T. Richardson
U. S. Deputy Surveyor under
his Contract No. 117 bearing
date of August 12" 1880
Survey commenced
May 20. 1881
Survey Completed
May 25. 1881
List of names of assistants
James M. Fox Chainman
W. K. Raphael do
T. J. Howard Moundman
H. C. Hall Flagman

This Survey was executed with a Light Mountain Transit made by W. and L. E. Gurley of Troy N. Y. No. No. to be found on the instrument tested at the Surveyor Generals Office and approved by the Surveyor Genl before entering the Field.

Subdivision of Tp 33 North

Commencing at the ~~cor~~ cor to Sec 35 and 36 on S. bdy of Township (Cor a mound with pile and red cedar stake in pit) and having run the East bdy of the Tp on a Va of 14° 35' E I run N. bet Sec 35 and 36

Va. 14° 35' E

40.00 Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor

45.00 Enter Valley bean N. E. and S. W

55.00 Leave " "

80.00 Deposit charcoal Built mound of earth 3 ft high from pile 18 x 24 x 2 in deep set red cedar stake 2 x 2 x 24 in S. E. pit for cor to Sec 25. 26. 35. and 36

Long gently rolling
Soil good 2nd rate

Range 39 West of the 6th P.M.

East on a random line bet Sec 25 and 36

Va 14° 35' E

21.00 Enter Valley bean N. E. and S. W

40.00 Set term ¼ sec cor

46.50 Leave Valley bean N. E. & S. W.

79.86 Intersect E. bdy of Tp at a point 14 lks S. of cor to Sec 25 and 36. (Cor a post & mound in good condition cedar stake in pit) from which cor I run S. 89° 54' W. on a true line bet Sec 25 & 36

Va 14° 35' E

39.93 Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor

79.86 Cor to Sec 25. 26. 35 & 36

Long gently rolling
Soil good 2nd rate

Subdivision of Tp 30 North

	N. bet sec 25 & 26
	Va 14° 35' E
40.00	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposited chemical Built mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar slate 2 x 2 x 24 in in S.E. pit for cor to sec 23. 24. 25 and 26
	Land rolling
	Soil 2nd rate.

Range 39 west of the 6th P.M.

	East on a random line bet sec 24 & 25
	Va 14° 35' E
21.00	Enter Valley N.E. & S.W
40.00	Set term ¼ sec cor
41.00	Leave Valley bear N.E. & S.W
80.08	Intersect E. bdy of Tp at a point 7 lks N. of cor to sec 24 & 25 (cor a mound & red cedar slate in pit good condition) from which cor I run N. 89. 57' W. on a true line bet sec 24 and 25.
	Va 14° 35' E
40.04	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.08	Cor to sec 23. 24. 25. and 26
	Land gently rolling
	Soil good 2nd rate

Subdivision of Tp 30 North

N. bet sec 23 & 24

Va 14° 35' E

40. w ~~Set term 1/4 sec~~

40. w Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for 1/4 sec cor

80. w Deposited charcoal

Built mound of earth 3 ft high from pile 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to sec 13. 14. 23. & 24

Land rolling

Soil 2nd rate.

Range 39. W. of the 6th P. No.

East on a random line bet sec 13. and 24

Va 14° 35' E

40. w Set term 1/4 sec cor

80. w Intersect E. bdy of Tp at a point 24 lks N. of cor to sec 13. & 24 (on a mound & pile red cedar stake in pit. good condition) from which cor I run

N. 89° 50' W. on a true line bet sec 13. and 24.

Va 14° 35' E

40. w Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for 1/4 sec cor

80. w Cor to sec 13. 14. 23. and 24

Land rolling

Soil 2nd rate

Subdivision of Tp 30. North

	N. bet. Sec 13. and 14
	Va 14° 35' E
12.00	Enter marsh bear E & W
13.50	Snake River 30 lks wide bears E & W
24.00	Grand Island and Blk hills Road bears E. & W
25.00	Enter hills
40.00	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposits charcoal
	Built mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar slate 2 x 2 x 24 in in S.E pit for cor to Sec 11. 12. 13. & 14
	Land rolling
	Soil 2nd rate.

Range 39. West of the 6th P. M.

	East on a random line bet Sec 12 and 13.
	Va 14° 35' E
40.00	Set term ¼ sec cor
46.50	Grand Island & Blk hills Road runs N.W. & S.E.
80.10	Intersect E bdy of Tp at a point 12 lks N. of cor to Sec 12. and 13. (cor a mound & pits red cedar slate in pit in good condition) from which cor I run N. 89° 55' W. on a true line bet Sec 12 and 13.
	Va. 14° 35' E
40.05	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.10	Cor to Sec 11. 12. 13. and 14
	Land rolling
	Soil 2nd rate.

Subdivision of Tp. 30. North

N. Vet Sea 11. and 12,
Va 14° 35' E

40.00 Built mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep for ¼ sec cor

56.00 Grand Island & Blk Hills Road Vam N. W. & S. E.

80.00 Deposited charcoal Built mound of earth 3 ft. high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to sea. 1. 2. 11. & 12

Land rolling
Soil 2nd rate.

Range 39. W of the 6th P.M.

E. on a random line Vet Sea 1 and 12
Va 14° 35' E.

40.00 Set-term ¼ sec cor

79.94 Intersect E bdy of Tp at a point 18 lks N. of cor to sea 1. & 12 (cor a mound & pits red cedar stake in pit cor in good condition) from which I run N. 89. 52' W. on a true line Vet Sea 1. & 12.
Va 14° 35' E

39.97 Built mound 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor

79.94 Cor to sea 1. 2. 11. and 12.
Land rolling
Soil 2nd rate.

Subdivision of Ch 30 North

N. on a random line bet-
Sec 1. & 2.

Va 14°35' E

40.00 Set-line 1/4 sec cor

80.25 Intersect N. bdy of Ch at a
point 30. chs West of cor to
Sec 1. & 2. (cor a mound &
pits red cedar stake in pit
good condition) from which
cor I run S. 0° 13' W on a true
line bet- Sec 1 and 2.

Va 14°35' E

40.25 Built mound of Earth 2 1/2
ft high from pits 18 x 24 x 12 in
deep for 1/4 sec cor

80.25 Cor to Sec 1. 2. 11. & 12

Land gently rolling
Soil good 2nd rate

Friday May 20" 1881

Range 39 West of the 6th P.M.

Instrument tested at cor to
Sec 26. 27. 34 and 35 by observation
of polaris at its greatest Easter
Elongation. Instrument used a
light mountain transit made
by W. and L. E. Gurley of Troy
N.Y. No No to be found on the
instrument. The needle made
an angle with the meridian then
obtained of 12° 34' + azimuth of
1° 48' = 14° 22' the true Va at
this Station.

Difference bet- line last run &
true Va at this point of 0° 13'
3 : 20'
3 h 20 m A. M. civil tm.

Sat- May 21" 1881

Subdivision of Tp 30. North

N. Vet Sec 34 and 35

Va 14°35

40.00 Built mound of earth 2½ ft high from pit 18x24x12 in deep for ¼ Sec cor

45.00 Enter Valley Vein N. E. & S. W.

67.00 Leave " " " "

80.00 Deposit charcoal raise mound of earth 3 ft high from pit 18x24x12 in deep set red cedar stake 2x2x24 in in S. E. pit for cor to Sec 26. 27. 34 and 35

Land rolling

Soil 2nd rate

Range 39. West of the 6th P. M.

East on a random line Vet Sec 26. and 35.

Va 14°35' E

40.00 Set temp ¼ Sec cor

79.68 Intersect N. and S. line at a point 20 lks S. of cor to Sec 25. 26. 35. and 36 from which cor I run S. 89°51' W. on a true line Vet Sec 26. and 35

Va 14°35' E

39.84 Built mound of earth 2½ ft high from pit 18x24x12 in deep for ¼ Sec cor

79.68 Cor to Sec 26. 27. 34 and 35

Land rolling

Soil good 2nd rate

Subdivision of Tp 30. North

N. Vet Sec 26. and 27

Va 14° 35' E.

40. w Built mound of earth 2½ ft high from pit 18 x 24 x 12 in deep for ¼ sec cor

46. w Enter Valley bear N. E. and S. W.

56. w Leave " " " " "

80. w Deposite charcoal raise mound of earth 3 ft high from pit 18 x 24 x 12 in deep set red cedar slatte in S. E. pit for cor to Sec 22. 23. 26. and 27.

Land gently rolling

Soil good 2nd rate.

Range 39 West of the 6th P. M.

East on a random line

Vet Sec 23. and 26.

Va 14° 35' E

40.00 Set term ¼ sec cor

79.88 Intersect N. and S. line at a point 24 lks N. of cor to Sec 23. 24. 25 and 26. from which cor I run N. 89. 50' W. on a true line Vet Sec 23. & 26.

Va 14° 35' E

39.94 Built mound of earth 2½ ft high from pit 18 x 24 x 12 in deep for ¼ sec cor

79.88 Cor to Sec 22. 23. 26. and 27.

Land rolling

Soil 2nd rate.

Subdivision of Tp. 30. North

	N. Vet. Sea 22. and 23
	Va 14° 35' E.
40.00	Built mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep for 1/4 sec cor
68.00	Enter marsh on S. side of Snake river
78.00	Snake River 25 lks wide
80.00	Deposits charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar slate 2 x 2 x 24 in in S. E. pit for cor. to Sea 14. 15. 22. 23.
	Land rolling
	Soil 2nd rate.

Range 39. West of the 6th P.M.

	East on a random line
	Vet. Sea 14 and 23. — V 14 35'
3.00	Snake River 25 lks wide
	Course N. E.
3.50	Enter bluffs near N. E. and S. W.
40.00	Set tem 1/4 sec cor
79.80	Intersect N. & S. line at a point 16 lks N. of cor to Sea 13. 14. 23 and 24. from which cor I run N. 89° 53' W. on a tem line Vet. Sea 14. and 23
	Va 14° 35' E
39.90	Built mound of earth 2½ ft. high from pits 18 x 24 x 12 in deep for 1/4 sec cor
79.80	Cor to Sea 14. 15. 22. and 23
	Land rough
	Soil 3rd rate.

Subdivision of Tp 30. North

N. bet sea 14 and 15
Va 14° 35' E.

2.50 Road and enter hills bear N. E. and S. W.

40.00 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor

80.00 Deposite charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar slate 2 x 2 x 24 in in S. E. pit for cor to sea 10. 11. 14. and 15

Land rolling
Soil 2nd rate.

Range 39. West of the 6th P.M.

East on a random line bet sea 11. & 14
Va 14° 35' E.

40.00 Set time ¼ sec cor

79.96 Intersect N. & S. line at cor to sea 11. 12. 13. & 14 from which cor I run West on a true line bet sea 11. & 14
Va 14° 35' E

39.98 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor.

79.96 Cor to sea 10. 11. 14. & 15

Subdivision of Tp 30. North

N. Vet - Sea 10. & 11
Va 14° 35' E

40.00 Built mound of earth 29 ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

80.00 Deposited charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to sea 2. 3. 10. and 11

Land rolling
Soil 2nd rate.

Range 39. West of the 6th P.M.

East on a random line
Vet - Sea 2. & 11
Va 14° 35' E

40.00 Set temp 1/4 sec cor

58.50 Grand Island & Black Hills Road course N. W. and S. E

80.16 Intersect N. & S. line at a point 12 lks N. of cor to sea 1. 2. 11. & 12 from which course I run N. 89° 55' West on a true line
Vet - Sea 2. & 11.
Va 14° 35' E.

40.08 Built mound of earth 29 ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

80.16 Cor to Sea 2. 3. 10. and 11.

Land rolling
Soil 2nd rate.

Subdivision of Tp 30. North

N. on a random line bet-
Sea 2. and 3 Va 14, 35'
40.00 Set Cor 1/4 Sec cor
80.13 Intersect N. bdy of Tp at a
point 18 lks West of cor to
Sea 2 and 3. (cor a mound &
pits slate in pit in good condition)
from which cor I run S. 8° 8' W.
on a true line bet- Sea 2. & 3
Va 14° 35' E
40.13 Built mound of Earth 2½
ft high from pits 18 x 24 x 12 in
deep for 1/4 sec cor
80.13 Cor to Sea 2. 3. 10. & 11

Land gently rolling
Soil good 2nd rate.

May 21st 1881

Range 39. West of the 6th P.M.

Instrument tested at corner
to Sea 34 and 35 by observation
of Polaris at its greatest Eastern
Elongation Instrument used a
Light Mountain Transit made
by W. and L. E. Gurley of Troy
N.Y. No. No. to be found on the
Instrument. The Needle made
an angle with the meridian
these obtained of 12° 34' + Azimuth
of 1° 48' = 14° 22' the true Va at
this point. Difference bet line
last run & true Va at this Sta
of ~~0° 6'~~ 0° 13'
Time 3 h 16 m Civil time May 22nd 1881

Subdivision of Township 30 North

	N. bet. sec 33 and 34
	Va 14° 35' E
32. w	Enter Valley bear N. E. and S. W.
40. w	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
49. w	Leave Valley bear N. E. and S. W.
80. w	Deposit charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2, x 24 in S. E. pit for cor to sec 27. 28. 33. and 34.
	Land gently rolling
	Soil 2nd rate.

Range 39 West of the 6th P.M.

	East on a random line bet. sec 27 and 34
	Va 14° 35' E
~~40. w~~	~~Built mound of earth 2½ ft high from pits 18 x 24 x 12 in~~
40. w	Set Tem ¼ sec cor
80. 42	Intersect N. & S. line at a point 29. lk N. of cor to sec 26. 27. 34. and 35 from which cor I run N. 89° 48' W on a true line bet sec 27 and 34
	Va 14° 35' E
40. 21	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80. 42	Cor to sec 27. 28. 33. and 34
	Land rolling
	Soil 2nd rate.

Subdivision of Tp 30. North

N. Vet Sec 27. and 28.
Va 14° 35' E.

40.00 Built mound of Earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor.

80.00 Deposite charcoal raised mound of earth 3 ft high from pile 18 x 24 x 12 in deep set red cedar slatte 2 x 2 x 24 in in S. E pit for cor to Secs 21. 22. 27. and 28

Land rolling
Soil 2nd rate

Range 39. West of the 6th P.M.

East on a random line
Vet Sec 27. and 22.
Va 14° 35' E.

40.00 Set temp ¼ sec cor

80.38 Intersect N. and S. line at a point 14 lks N. of cor to Secs 22. 23. 26 and 27 from which cor I run N. 89° 54' W. on a true line Vet Sec 22 and 27
Va 14° 35' E

40.19 Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor

80.38 Cor to Secs 21. 22. 27. and 28

Land rolling
Soil good 2nd rate.

Subdivisions of Tp 30. North

	N. bet- Secs 21. and 22.
	Va 14° 35' E.
40. w	Built- mound of earth
	22½ ft- high from pits 15 x 24 x 1
	12 in deep for ¼ Sec cor
52 w	foot of Bluffs bear E. and W.
	Scattering cedar and ash timber
51. 50	Snake River 30 Ch- wide
	course East-
55. w	Road E. & W.
56. w	Enter hills E. & W.
80. w	Opposite charcoal raised
	mound of earth 3 ft- high
	from pits 15 x 24 x 12 in deep
	set- red cedar stake 2 x 2 x 24 in
	in S. E. pit- for cor to Secs
	15. 16. 21. and 22.
	Land rolling
	Soil 2nd rate.

Range 39. West of the 6th P.M.

	East on a random line
	bet- Secs 15 and 22.
	Va 14° 35' E.
40. w	Set- Corn ¼ Sec cor
69. w	enter Valley from N. E. S. W.
71. w	Snake River Valley & road
	from N. E. and S. W.
80. 14	Intersect- N. and S. line at-
	a point- 10 Ch- N. of cor to-
	Secs 14. 15. 22. and 23 from which
	cor I run N. 89° 56' West on a
	true line bet- Secs 15 and 22.
	Va 14° 35' E.
40. 07	Built- mound of earth
	22½ ft- high from pits
	15 x 24 x 12 in deep set
	red cedar stake 2 x 2 x 24
	in in S. E. for ¼ Sec cor
80. 14	Cor to Secs 15. 16. 21. and 22
	Land gently rolling
	Soil good 2nd rate.

Subdivision of Tp 30 North

N. Vet Sea 15 and 16.
Va 14° 35' E.

40.00 Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor

80.00 Deposit charcoal raise mound of earth 3 ft high from pile 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to Sea 9. 10. 15. and 16.

Land rolling
Soil 2nd rate.

Range 39 west of the 6th P. M.

East on a random line
Vet Sea 10. and 15
Va 14° 35' E.

40.00 Set tem ¼ Sec cor

80.04 Intersect N. and S. line at a point 26 lk N. of cor to Sec 10. 11. 14. and 15 from which cor I run N. 89. 49' W. on a true line
Vet Sea 10. and 15
Va 14° 35' E

40.02 Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ Sec cor

80.04 Cor to Sea 9. 10. 15. and 16

Land gently rolling
Soil good 2nd rate.

Subdivision of Tp 30. North

N. bet Sec 9. and 10
Va 14° 35' E.

40.00 Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor

80.00 Deposite charcoal raise mound of earth 3 ft high from pile 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to Sec 3. 4. 9. and 10.

Land gently rolling
Soil good 2nd rate.

Range 39. West of the 6th P.M.

East on a random line bet Sec 3 and 10.
Va 14° 35' E.

40.00 Set term ¼ sec cor

79.88 Intersect N. and S. line at a point 11. lk South of cor to Sec 2. 3. 10. and 11. from which cor I run S. 89° 55' W on a true line bet Sec 3 & 10
Va 14° 35' E

39.94 Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor

79.88 Cor to Sec 3. 4. 9. and 10.

Land rolling
Soil good 2nd rate

Subdivision of Ctr. 30. North

N. on a random line bet-
sec 3 and 4

Va 14° 35' E

40.00 Set cor 1/4 sec cor

80.42 Intersect N. bdy of Ctr at a point
24 lks East of cor to sec 3 and 4
(cor a mound & pile stable in pit
cor in good condition) from which
cor I run S 10' E on a true line
bet sec 3 and 4.

Va 14° 35' E.

40.~~42~~ 42 Built mound of Earth 2 1/2
ft high from pile 18 x 24 x 12
in deep for 1/4 sec cor

80.42 Cor to Sec 3. 4. 9. and 10.

Land gently rolling
Soil good 2nd rate.

May 22" 1881

Range 39. West of the 6th P.M.

Subdivision of Tp 30 North

From cor to sec 32. and 33 on S. bdy of Tp. (cor a mound & pile with slate in pit in good condition)
I run W. bet sec 32. and 33
Va 14° 35' E.

38.00 Enter Valley Veare E and W.

40.00 Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor

62.30 Leave Valley Veare E and W.

80.00 Deposite charcoal raised mound of earth 3 ft high from pile 18 x 24 x 12 in deep set red cedar slate 2 x 2 x 24 in in S. E pit for cor to secs 28. 29. 32. & 33.
Land gently rolling
Soil good 2nd rate.

Range 39. West of the 6th P.M.

East on a random line bet Secs 28 & 33
Va 14° 35' E

40.00 Set term ¼ sec cor

80.00 Intersect N. and S. line at a point 32 lks S. of cor to secs 27. 28. 33 & 34 from which cor I run S. 89° 46' W on a true line bet Secs 28. and 33.
Va 14° 35' E.

40.08 Built mound of earth 2½ ft high from pile 18 x 24 x 12 in deep for ¼ sec cor.

80.18 Cor to secs 28. 29. 32. & 33.
Land rolling
Soil good 2nd rate.

Subdivision of Cp 30. North

	N. Wt sec 28 and 29.
	Va 14° 35' E
~~40.00~~	~~Set term 1/4 sec cor~~
40.00	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
80.00	Deposited charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in. in S.E. pit for cor to sec 20. 21 28. and 29. A clump of yound ash trees bear S. 40° W. of this cor 10 chs dist.
	Land rolling
	Soil good 2nd rate

Range 39. West of the 6th P.M.

	East on a random line
	Wt sec 21. and 28
	Va 14° 35' E.
40.00	Set term 1/4 sec cor.
80.10	Intersect N. and S. line at a point 7 lks S. of cor to sec 21. 22. 27 & 28. from which cor I run S. 89° 57' W on a true line Wt sec 21. and 28
	Va 14° 35' E.
40.05	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor.
80.10	Cor to sec 20. 21. 28 and 29.
	Land rolling
	Soil 2nd rate.

Subdivision of Tp 30. North

N. Vet Sec 20. and 21
Va 14° 35' E.

40.00 Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor.

58.00 Enter Snake River Valley a few scatter cedar trees on S. bank.

59.00 Snake River 20. lks wide course E. & W.

62.00 Road course E & W.

72.00 Enter low hills

80.00 Deposit charcoal raise mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar slate 2 x 2 x 24 in in S. E. pit for cor to sec 16. 17. 20 and 21.

Land gently rolling
Soil good 2nd rate.

Range 39 W. of the 6th P.M.

East on a random line
Vet Sec 16. and 21.
Va 14° 35' E.

40.00 Set tem 1/4 sec cor.

80.30 Intersect N. and S line at a point 12 lks S. of cor to sec 15. 16. 21 and 22. from which cor I run S. 89° 55' W. on a true line Vet Sec 16. and 21.
Va 14° 35' E.

40.15 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor.

80.30 Cor to Sec 16. 17. 20. and 21.

Land rolling
Soil good 2nd rate.

Subdivision of Tp 38 North

	N. Vt - Sec 16. and 17.
	Va 14° 35' E.
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.00	Deposits charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep set red cedar stake 2 x 2 x 24 in deep in S. E. pit for cor to Sec 8. 9. 16. and 17.
	Land gently rolling
	Soil good 2nd rate.

Range 39. West of the 6th P.M.

	East on a random line
	Vt - Sec 9. and 16
	Va 14° 35' E
40.00	Set Ten ¼ sec cor
80.36	Intersect N. and S. line at cor to Sec 9. 10. 15. and 16. from which cor I run West on a true line Vt - Sec 9 and 16
	Va 14° 35' E
40.18	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor.
80.36	Cor to Sec 8. 9. 16. and 17.
	Land gently rolling
	Soil good 2nd rate.

Subdivision of Tp 30 North

N. Vet Sec 8. and 9.
Va 14° 35' E.

40.00 Built mound of earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec cor

80.00 Deposite charcoal raised mound of earth 3 ft high from pits 18x24x12 in deep for set red cedar stake 2x2x24 in in S. E. pit for cor to Sec 4. 5. 8 and 9.

Land gently rolling
Soil good 2nd rate.

Range 39. West of the 6th P.M.

East on a random line
Vet Sec 4 and 9.
Va 14° 35' E

40.00 Bet tem ¼ Sec cor

80.40 Intersect N. and S. line at a point 20 lks N. of cor to Sec 3. 4. 9. & 10. from which cor I run N. 89° 51' E Vet Sec 4 and 9.
Va 14° 35' E

40.20 Built mound of earth 2½ ft high from pits 18x24x12 in deep for ¼ Sec cor

80.40 Cor to Sec 4. 5. 8. and 9.

Land gently rolling
Soil good 2nd rate

Subdivision of Tp 30. North

N. on a random line
bet Sec 4 and 5.
Va 14° 35' E.

40.00 Set Cor 1/4 Sec cor
80.22 Intersect N. boundary of
Tp at a point 15 lks East
of cor to Sec 4 and 5. from
which cor I run S 0° 8' E
on a true line bet Sec 4 and 5.
Va 14° 35' E

40.22 Built mound of Earth
2 1/2 ft high from pile 18 x 24 x
12 in deep for 1/4 Sec cor
80.22 Cor to Sec. 4. 5. 8 and 9.

Land gently rolling
Soil good 2nd rate

May 24. 1881

Range 39. West of the 6th P.M.

Instrument tested at
cor to Sec 31 and 32 on S. bdy
of Tp by observation of Polaris
at its upper meridian greatest
Eastern Elongation. Instrument
used a light Mountain Transit
Made by W. and L. E. Gurley of
Troy N.Y. No. No to be found
on the Instrument, the needle
made an angle with the
meridian thus obtained of 12° 35'
+ azimuth of 1° 48' = 14° 23' the
True Va at this Sta
Difference bet Sine last run &
true Va at this point of 0° 12'
Time 3 h 05 m A. M. civil time

May 25. 1881

Subdivision of Tp 30. N. ont

N. bet sec 31. and 32

Va 14° 35' E

~~40.00~~ ~~Set tem 1/4 sec cor~~

40.00 Built mound of earth 2½ ft
60.75 Enter Valley bear E & W
high from pits 18 x 24 x 12 in deep
79.00 Leave Valley bear E & W
for 1/4 sec cor

80.00 Depsite charcoal raised mound
of earth 3 ft high from pits
18 x 24 x 12 in deep set red cedar
stake 2 x 2 x 24 in in S. E. pit
for cor to sec 29. 30. 31. & 32.

Land rolling

Soil 2nd rate.

Range 39. W. of the 6th P.M.

East on a random line
bet sec 29. & 32

Va 14° 35' E.

25.00 Enter Valley bear E & W
40.00 Set tem 1/4 sec cor
55.00 Leave Valley bear E & W.
80.10 Intersect N. & S line at a
point 11 lks S. of cor to sec
28. 29. 32. & 33 from which cor I
run S 89.55' W W. on a line bet sec
29. & 32. &

Va 14° 35' E

40.05 Built mound of earth 2½
ft high from pits 18 x 24 x 12 in
deep for 1/4 sec cor
80.10 Cor to sec 29. 30. 31. & 32

Land gently rolling

Soil good 2nd rate

Subdivision of Tp 30. N. rate

W. on a random line bet
sec 30. & 31
Va 14° 35' E

40.00 Set temp 1/4 sec cor

80.46 Intersect W body of Tp at a
point 13 ch S. of cor to sec
30. & 31. (cor a mound & pits
stake in pit in good condition)
from which I run S. 89° 55' E on
a true line bet sec 30. & 31
Va 14° 35' E

40.45 Built mound of earth
2½ ft high from pits 18 x 24 x 12 in
in deep for 1/4 sec cor

80.45 Cor to sec 29. 30. 31. & 32

Land rolling
Soil 2nd rate.

Range 39 west of the 6th P.M.

N. bet sec 29. & 30
Va 14° 35' E

40.00 Built mound of earth
2½ ft high from pits 18 x 24 x 12 in
deep for 1/4 sec cor

80.00 Deposited charcoal
Built mound of earth 3 ft
high from pits 18 x 24 x 12 in
deep set red cedar stake 2 x 2 x 24
in in S. E. pit for cor to sec
19. 20. 29. & 30

Land rolling
Soil 2nd rate.

Subdivision of Tp 30 North

	East on a random line bet- sec 20. & 29
	V a 14° 35' E.
40.00	set- tem 1/4 sec cor
80.16	Intersect- N. & S. line at- cor to sec 20. 21. 28. & 29 from which cor I run West on a true line bet- sec 20. & 29
	V a 14° 35' E
40.08	Built- mound of earth 2½ ft- high from pits 18 x 24 x 12 in deep for 1/4 sec cor
80.16	Cor to sec 19. 20. 29. & 30
	Land rolling
	Soil 2nd rate

Range 39. W. of the 6th P.M.

	West on a random line bet- sec 19. & 30
	V a 14° 35' E
40.00	set- tem 1/4 sec cor
79.93	Intersect- W. bdy of Tp at- a point 15 ch S. of cor to sec 19. & 30. from which cor I run S. 89° 54' E on a true line bet- sec 19. & 30.
	V a 14° 35' E
39.93	Built- mound of earth 2½ ft- high from pits 18 x 24 x 12 in deep for 1/4 sec cor
79.93	Cor to sec 19. 20. 29. 30
	Land rolling
	Soil good 2nd rate

Subdivision of Sp 30. North

	N. Vt sec 19. and 20
	Va 14° 35' E
40.00	Built mound of Earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
61.00	Enter small marsh on S. side Snake River Vran E & W
61.50	Snake River 20 lks wide course E.
62.00	Road E & W. & enter wide
80.00	Deposite charcoal raised mound of earth 3 ft high from pits 18 x 24 x 12 in deep for ¼ sec set red cedar stake 2 x 2 x 24 in in S. E. pit for cor to sec 17. 18. 19. & 20.
	Land rolling
	Soil 2nd rate

Range 39. W. of the 6th PM

	East on a random line
	Vt. sec 17. and 20
	Va 14° 35' E
40.00	Set tem ¼ sec cor
80.09	Intersect N. & S. line at a point 26 lks N. of cor to sec 16. 17. 20. & 21. from which cor I run N. 89° 49' W. on a true line Vt sec 17. and 20
	Va 14° 35' E
40.05	Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for ¼ sec cor
80.09	Cor to sec 17. 18. 19. & 20
	Land rough
	Soil 2nd rate

Subdivision of Tp 30. North

West on a random line
Vet sec 18. & 19.
Va 14° 35' E

40.00 Set term 1/4 sec cor
79.52 Intersect W. bdy of Tp at a
point 20 lks N. of cor to sec
18. & 19. (cor a mound & pits
cedar stake in pit cor in good
condition) from which cor I run
N. 89° 51' E on a true line Vet
sec 18. & 19
Va 14° 35' E
39.52 Built mound of earth
2 1/2 ft high from pits 18 x 24 x 12 in
deep for 1/4 sec cor
79.52 cor to sec 17. 18. 19. & 20
Land rolling
Soil 2nd rate.

Range 39. W. of the 6th P.M.

N. Vet sec 17. & 18
Va 14° 35' E
40.00 Built mound of earth 2 1/2
ft high from pits 18 x 24 x 12 in
deep for 1/4 sec cor
80.00 Deposit charcoal raised mound
of earth 3 ft high from pits 18 x 24 x 12 in
deep set red cedar stake 2 x 2 x 12 in
in S. E. pit for cor to sec 7. 8. 17. & 18
Land gently rolling
Soil good 2nd rate.

Subdivision of Tp 30. North

East on a random line bet. Secs 17. & 8

V a 14° 35' E

40.00 Set temp 1/4 sec cor

79.89 Intersect N. & S. line at a point 15 lks S. of cor to secs 8. 9. 16. & 17 from which cor I run S. 89. 54' W on a temp line bet secs 8. & 17

V a 14° 35' E

39.95 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

79.89 Cor to secs 7. 8. 17. & 18

Land gently rolling

Soil good 2nd rate

Range 39. West of the 6th P.M.

West on a random line bet secs 7. & 18.

V a 14° 35' E

40.00 Set temp 1/4 sec cor

79.08 Intersect W. bdy of Tp at a point 30 lks S of cor to secs 7. & 18. from which cor I run S. 89° 47' E on a temp line bet secs 7. & 18

V a 14° 35' E

39.08 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor

79.08 Cor to secs 7. 8. 17. & 18

Land gently rolling

Soil good 2nd rate

Subdivision of Tp 30. North

N. Vet sea 7. & 8.

Va 14° 35' E

40.00 Built mound of earth
2½ ft high from pits 18 x
24 x 12 in deep for ¼ sec cor

80.00 Deposited charcoal raised mound
of earth 3 ft high from pits 18 x
24 x 12 in deep set red cedar
stake 2 x 2 x 24 in dis S.E. pit
for cor to sea 5. 6. 7. & 8

Land gently rolling
Soil good 2nd rate

Range 39 West of the 6th P.M.

East on a random line
Vet sea 5. & 8.

Va 14° 35' E

40.00 Set tem ¼ sec cor

80.16 Intersect N. & S. line at a
point 19 lks S of cor to sea
4. 5. 8. & 9 from which cor I
run S. 89° 52' W on a true
line Vet sea 5 & 8

Va 14° 35' E

40.08 Built mound of earth
2½ ft high from pits 18 x 24 x
12 in deep for ¼ sec cor

80.16 Cor to sea 5. 6. 7. & 8

Land gently rolling
Soil good 2nd rate.

Subdivision of Ctp 30 North

West on a random line
Vt sec 6 and 7.
Va 14° 35' E

40.00 Set time 1/4 sec cor
78.76 Intersect W. bdy of Ctp at a point 28 lk N. of cor to sec 6 & 7. (cor a mound & pits stake in pit good condition) from which cor I run N 8.9.48' E on a true line Vt sec 6 & 7.
Va 14° 35' E
38.76 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
78.76 Cor to sec 5. 6. 7. & 8
Land gently rolling
Soil good 2nd rate

Range 39 W. of the 6th P.M.

N on a random line
Vt sec 5 and 6
Va 14° 35' E
40.00 Set time 1/4 sec cor
80.13 Intersect N. bdy of Ctp at a point 1.6 lks W. of cor to sec 5 & 6 ~~from which cor~~ (cor a mound & pits stake in pit in good condition) from which cor I run S 7' W on a true line Vt sec 5 & 6.
Va 14° 35' E
40.13 Built mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 sec cor
80.13 Cor to sec 5. 6. 7. & 8.
Land gently rolling
Soil good 2nd rate.

May 25th 1881.

General Description

The North half of this Township is upland of excellent quality & well adapted to agricultural purposes & the Township is well watered by Snake River & has considerable timber along its banks principally Cedar, Huckleberry & "Box Alder" There is a little sand stone in the bed of the River but none is to be seen other stone. Grasses are principally buffalo & grama with some blue joint.

Names of Assistants

A list of the names of the assistants employed in running measuring and marking the lines and corners described in the foregoing field Notes of T. No. 30 North of the Base Line of Range No. 39 West of the 6th Principal Meridian in Nebraska showing the respective capacities in which they acted.

James M. Fox — Chairman
W. K. Raphael — Do
T. J. Howard — Mountainman
H. C. Hall — Flagman

State of Nebraska } ss
Lincoln County }

We hereby certify that we assisted W. T. Richardson United States Deputy Surveyor in surveying and subdividing Township No. 30 North of the Base line of Range No. 39 West of the 6th P.M. in Nebraska and that said township has been in all respects to the best of our knowledge and belief well & faithfully surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor Genl of dimensions character construction and marking and in the manner specially described in the foregoing field Notes

James M Fox Chairman
W. K. Raphael Do
T. J. Howard Mountainman
H. C. Hall Flagman

Subscribed and Sworn to before me May 28th 1881.
Wm Neville
Notary Public.

State of Nebraska } ss.
Lincoln County }

I W. T. Richardson United States Deputy Surveyor do solemnly swear that I have in my own proper person with the necessary assistants well truly and faithfully executed the subdivisional survey of Tp. No. 30. N of Range No. 3. west of the 6th P. M. in Nebraska. under joint Contract with Emil Gris. L. Smith United States Surveyor Genl for the district of Iowa and Nebraska bearing date 1st August 12th 1880.

That in making the said survey I have used only such instruments as were approved by the Surveyor Genl. Exercising due care in the preservation of the adjustments of the same that I have in all respects complied with the laws of the United States governing public land surveys the surveying Manual and such additional instructions as have been furnished me by the said Surveyor General, relating to the aforesaid survey, that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned. That to the best of my knowledge and belief they and all assistants so employed have strictly observed the aforesaid laws and instructions and that the annexed Field Notes are the original, true and correct returns of the said Survey.

W. T. Richardson

Subscribed in my presence and sworn to before me this 28th day of May 1881.

Wm Neville
Notary Public.

Surveyor General's Office
Plattsmouth Neb. June 18. 1882

The foregoing Field Notes of the Survey & Subdivision of Township 30 North of Base Line, of Range No 39 West of the 6th P.M. in Nebraska Executed by W. T. Richardson U. S. Deputy Surveyor under his Contract No 117, dated August 22d 1880. in the months of May 1881 having been critically examined, the necessary Corrections & Explanations made, the said Field Notes and, the Surveys they describe are hereby approved

Geo. A. Smith
Surveyor General

Charlie N. Dakin, Deputy Surveyor.

T. 31 North R. 39 West.

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 31 North Range 39 West

6th Principal Meridian.

BY

Charlie N. Dakin Deputy Surveyor.

Under his Contract of Sept. 2nd 1882.

Survey Commenced Oct. 25, 1882.

Survey Completed Oct. 27, 1882.

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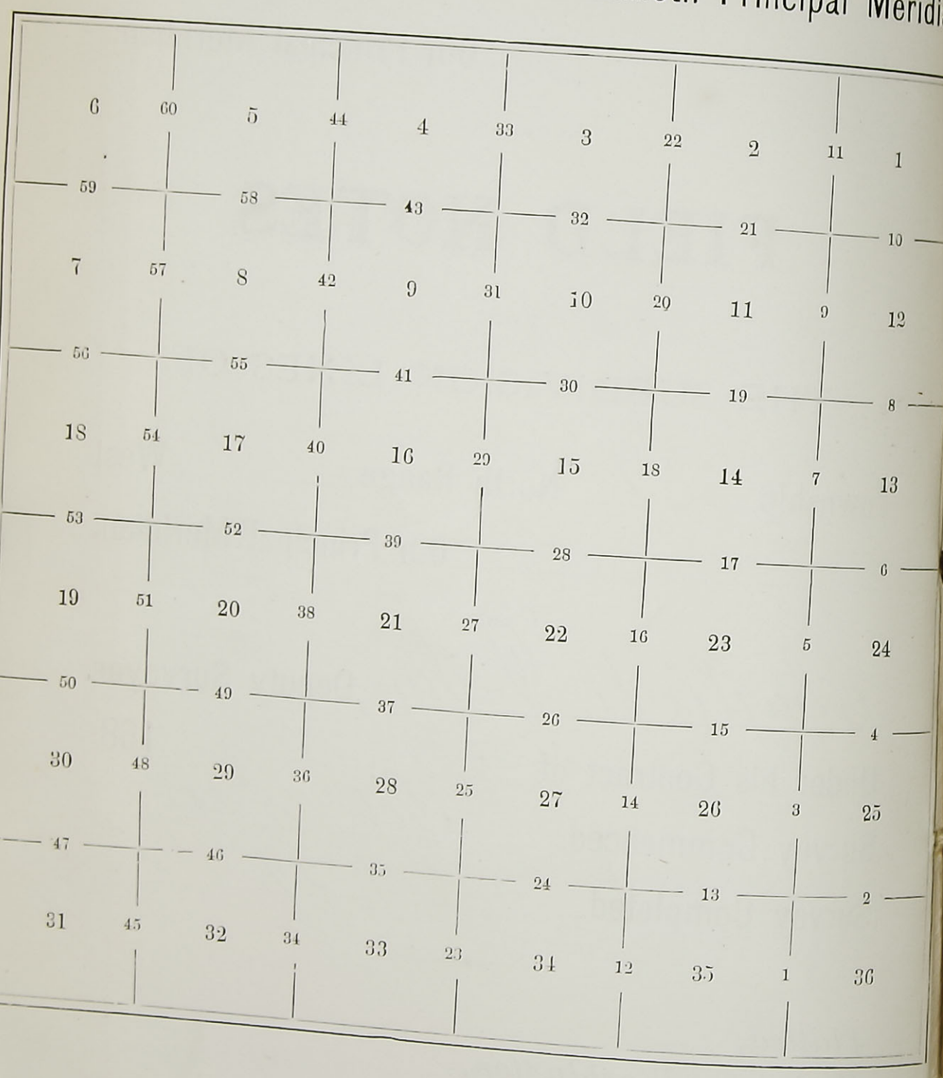
Township ..... Range .....

..... 6th Principal Meridian.



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Township ..... North ..... Range ..... West

..... 6th Principal Meridian.

Township 31 North Range 39 West

(See previous page.)

6th Principal Meridian.

Chains	
	From the corner to Sections 35, 36, 1 and 2 on the South boundary; I run North, between Sections 35 and 36.
	Variation 15° 35' East.
	Ascend.
20.00	Top of Spur, bears N.W. and S.E. and descend.
40.00	Set a Sand stone 12 x 8 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on 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.
43.00	Cross Wash, 40 lks. wide, Course S.E. and ascend.
62.50	Top of Spur, bears N. 30 W. & S. 30 E. and descend.
80.00	Set a Stone stone 16 x 16 x 8 ins. 11 ins. in the ground for Cor. to Secs. 25-26-35-36, marked with / notch on S. and / notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 25 and 36.
	Variation 15° 45' East.
	Ascend.
40.00	Set temporary ¼ Sec. Cor.
58.00	Top of Spur, bears N.W. and S.E. and descend.
80.04	Intersect E. B. of Tp. 11 lks. North of cor. to secs. 25-30-31-36 from which corner, I run N. 89° 55' W. on a true line, between sections 25-36,
	Variation 15° 45' East.
40.02	Set a Sand stone 15 x 14 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.
80.04	The corner to sections 25-26-35-36,
	Land Rolling.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 25 and 26.
	Variation - 15°45' East.
	Ascend.
6.00	Top of Spur, bears N.20°W. & S.20°E, and descend.
16.00	Cross Wash, 35 lks. wide, Course S.40°E, and ascend.
40.00	Set a Sand stone 12x10x5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., E and N. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
45.00	Top of Spur, bears N.W. & S.E, and descend.
63.00	Enter Flat bears N.40°E. and S.40°W,
80.00	Set a Sand stone 15x15x12 ins. 10 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.
	63.00 chs. Land ^ mountainous. and 17.00 chs. level
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 24 and 25.
	Variation 15°30' East.
	Over rolling land.
11.00	Leave Flat bears N.E. and S.W, and ascend.
33.00	Top of Spur, bears N.W. and S.E, and descend.
40.00	Set temporary ¼ Sec. Cor.
52.00	Cross Wash, 40 lks. wide, Course S.E, and ascend.
70.00	Top of Spur, bears N. and S, and descend.
79.86	Intersect E. B. of Tp. 16 lks. South of cor. to secs. 19-20-25-30 from which corner, I run S.89°53'W, on a true line, between sections 24-25.
	Variation 14°55' East.
39.93	Set a Sand stone 13x9x7 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.
79.86	The corner to sections 23-24-25-26,
	Land ^ mountainous. and 11.00 chains level
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West

6th Principal Meridian.

Chains	North, between Sections 23 and 24.
	Variation 15°50' East.
	Over level land
8.00	Leave Flat bears N.30°W. & S.30°E, and ascend.
27.00	Top of Spur, bears N.20°W. & S.20°E, and descend.
40.00	Set a Sand stone 15 x 9 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.
54.00	Cross Wash, 50 lks. wide, Course S.W, and ascend.
80.00	Set a Sand stone 15 x 15 x 13 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 8.00 chs. level. & 72.00 chs mountainous.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass,

Township 31 North Range 39 West

6th Principal Meridian.

Chains	East, on a random line between Sections 13 and 24.
	Variation 15°30' East.
	Ascend.
20.00	Top of Spur, bears N. and S, and descend.
33.00	Cross Wash, 40 lks. wide, Course S, and ascend.
40.00	Set temporary ¼ Sec. Cor.
64.00	Top of Spur, bears N.20°W. & S.20°E and descend.
80.09	Intersect E, B. of Tp. 32 lks. South of cor. to secs. 13-18-19-24 from which corner, I run S.89°46'W., on a true line, between sections 13-24,
	Variation 15°~~15~~ 30' East.
40.05	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.
80.09	The corner to sections 13-14-23-24,
	Land mountainous.
	Soil 2nd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 13 and 14.
	Variation 15°30' East.
	Ascend.
29.00	*Top of Spur, bears* N.W. & S.E. *and descend.*
40.00	*Set a* Sand *stone* 11 x 8 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.*
48.00	Enter dry Lake, bears E. and W,
72.00	Leave Same, bears E. and W,
80.00	*Set a* Sand *stone* 12 x 9 x 9 *ins.* 8 *ins. in the ground for Cor. to Secs.* 11-12-13-14 *marked with* 4 notches *on S. and* 1 notch *on E. of it, 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. 56.00 chs And 24.00 Chains in dry lake
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 12 and 13.
	Variation 15°40' East.
	Ascend.
18.00	*Top of Spur, bears* N. and S. *and descend.*
40.00	*Set temporary* ¼ *Sec. Cor.*
41.50	*Cross Wash,* 50 *lks. wide, Course* S. *and ascend.*
59.00	*Top of Spur, bears* N. and S. *and descend.*
65.40	*Cross Wash,* 20 *lks. wide, Course* S. *and ascend.*
80.01	*Intersect* E. *B. of Tp.* 6 *lks.* North *of cor. to secs.* 7-12-13-18 *from which corner, I run* N. 89° 57' W. *on a true line, between sections* 12 - 13. 40'
	Variation 15° 30' *East.*
40.01	*Set a* Sand *stone* 10 x 8 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.*
80.01	*The corner to sections* 11-12-13-14,
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 11 and 12.
	Variation 15°40' East.
	Descend.
24.00	Cross Wash, 40 lks. wide, Course S.20 W. and ascend.
40.00	Set a Sme stone 10 x 8 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.
60.00	Top of Ridge, bears N.E. and S.W. and descend.
80.00	Set a Sand stone 12 x 8 x 6 ins., 8 ins. in the ground for Cor. to Secs. 1-2-11-12 marked with 5 notch Es on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

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

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 1 and 12.
	Variation 15°30' East.
	Over rolling land. and ascend
10.00	Top of Spur, bears N.W. & S.E. and descend.
40.00	Set temporary ¼ Sec. Cor.
44.00	Cross Wash, 40 lks. wide, Course S.E. and ascend.
72.00	Top of Spur, bears N.W. & S.E. and descend.
79.93	Intersect E. B. of Tp. 40 lks. North of cor. to secs. 1-6-7-12 from which corner, I run N.89°43' W. on a true line, between sections 1-12
	Variation 15°10' East.
39.97	Set a Sand stone 11 x 11 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.
79.93	The corner to sections 1-2-11-12,

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

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, on a random line between Sections 1 and 2. Variation 15° 30′ East.
	Ascend.
3.00	Top of Spur, bears E. and W, and descend.
14.00	Cross Wash, 50 lks. wide, Course N.20W, and ascend.
40.00	Set temporary ¼ Sec. Cor.
79.92	Intersect N. B. of Tp. 23 lks. East of cor. to secs. 1-2-35-36 from which corner, I run S. 10′ E., on a true line, between sections 1—2, Variation 15° 30′ East.
39.92	Set a Stone stone 11 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.
79.92	The corner to sections 1—2—11—12, Land Broken and Rolling. 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. C. H. Dakin, Oct. 25, 1882.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 34 and 35. Variation 15° 30′ East.
	Ascend.
19.00	Top of Spur, bears N.W. & S.E, and descend.
24.00	Enter Flat bears N.W. and S.E,
40.00	Set a Sand stone 10 x 10 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.
44.00	Leave Flat bears E. and W, and ascend.
52.00	Top of Spur, bears N.27W. S.27E and descend.
64.00	Cross Wash, 40 lks. wide, Course S.E, and ascend.
80.00	Set a Stone stone 15 x 12 x 6 ins. 10 ins. in the ground for Cor. to Secs. 26-27-34-35, marked with / 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 mountainous. 60.00 chs. and 20.00 chains level.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West

6th Principal Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 15° 35' East.
	Ascend.
8.00	Top of Spur, bears N.10°W. & S.10°E. and descend.
11.40	Cross Road, bears N.20°W. and S.20°E.
28.00	Cross Wash, 40 lks. wide, Course S.40°E. and ascend.
40.00	Set temporary ¼ Sec. Cor.
41.00	Top of Spur, bears N. and S. and descend.
59.80	Cross Wash, 40 lks. wide, Course S.10°E. and ascend.
79.84	Intersect N. & S. line, 26 lks. South of cor. to secs. 25-26-35-36, from which corner, I run S.89°49' W. on a true line between sections 26-35. Variation 15° ~~45'~~ 35' East
39.92	Set a Sand stone 11 x 8 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.
79.84	The corner to sections 26-27-34-35.
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West

6th Principal Meridian.

Chains	North, between Sections 26 and 27. Variation 15° 35' East.
	Ascend.
6.84	Cross Road, bears N.W. and S.E.
12.30	Cross Wash, 30 lks. wide, Course S.30°E. and ascend.
14.00	Top of Spur, bears N.30°W. & S.30°E. and descend.
40.00	Set a Sand stone 9 x 9 x 6 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on 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.
41.50	Cross Wash, 45 lks. wide, Course S.20°E. and ascend.
73.00	Top of Spur, bears N.W. & S.E. and descend.
80.00	Set a Sand stone 12 x 12 x 8 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 mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 15° 40' East.
	Ascend.
19.00	*Top of Spur, bears* N. and S. *and descend.*
36.00	*Cross Wash,* 50 *lks. wide, Course* S. 30 E., *and ascend.*
40.00	*Set temporary ¼ Sec. Cor.*
51.00	*Enter Flat bears* S. 35° W. and N. 35° E.,
79.96	*Intersect N. & S. line,* 18 *lks.* North *of cor. to secs.* 23-24-25-26 *from which corner, I run* N 89° 52' W. *on a true line between sections* 23-26, *Variation* 15° 40' *East*
39.98	*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.*
79.96	*The corner to sections* 22-23-26-27, *Land* 51.00 chs *mountainous.* and 28.96 chains level. *Soil* 3rd *rate* *Vegetation,* Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 22 and 23. Variation 15° 40' East.
	Ascend.
10.00	*Top of Spur, bears* N. 23° E. & S. 23° W. *and descend.*
25.00	*Enter Flat bears* N. 80° E. and S. 80° W.,
33.00	*Leave Flat bears* N.E. and S.W., *and ascend.*
34.50	*Top of Spur, bears* N.W. and S.E. *and descend.*
40.00	*Set a* Sand *stone* 12 x 11 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.*
51.00	*Cross Wash,* 50 *lks. wide, Course* S. E., *and ascend.*
80.00	*Set a* Stone *stone* 10 x 8 x 8 *ins.* 7 *ins. in the ground for Cor. to Secs.* 11-15-22-23, *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.* 72.00 chs *Land mountainous.* and 8.00 chs. level *Soil* 3rd & 3rd *rate* *Vegetation,* Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 15° 45' East.
	Ascend.
13.00	Top of Spur, bears N.20°E. & S.20°W and descend.
32.00	Cross Wash, 50 lks. wide, Course S.30°E. and ascend.
40.00	Set temporary ¼ Sec. Cor.
51.00	Top of Spur, bears N.30°W. & S.30°E. and descend.
68.00	Cross Wash, 40 lks. wide, Course S.E. and ascend.
79.80	Intersect N. & S. line, 44 lks. North of cor. to secs. 13-14-23-24 from which corner, I run N.89°41'W. on a true line between sections 14-23
	Variation 15°~~30~~45' East
39.90	Set a Sand stone 12 x 8 x 5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.80	The corner to sections 11-15-22-23,
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 14 and 15. Variation 15°45' East.
	Ascend.
10.50	Top of Spur, bears N.23°E. & S.23°W and descend.
21.00	Enter Flat bears N.30°E. and S.30°W.
40.00	Set a Sand stone 16 x 14 x 12 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.
50.00	Leave Flat bears N.15°E. & S.15°W and ascend.
58.00	Top of Spur, bears E. and W. and descend.
80.00	Set a Sand stone 18 x 16 x 8 ins. 12 ins. in the ground for Cor. to Secs. 10-11-14-15 marked with 4 notches on S. and 2 notches on E. edges, dug pits 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. 51.00 lchs. and 29.00 lchs. level
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 11 and 14. Variation 15° 50′ East.
11.30	Enter Flat bears N. and S.
28.00	Leave Flat bears N. and S. and ascend.
37.00	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ Sec. Cor.
44.00	Cross Wash, 40 lks. wide, Course N 50° W and ascend.
58.50	Top of Spur, bears N.E. and S.W. and descend.
79.66	Intersect N. & S. line, 21 lks. North of cor. to secs. 11-12-13-14 from which corner, I run N. 89° 51′ W. on a true line between sections 11-14
	Variation 15° 40′ East
39.83	Set a Sand stone 16 x 16 x 8 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.
79.66	The corner to sections 10-11-14-15, Land mountainous. 62.96 chs and 16.70 chains level. Soil 2nd rate Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 10 and 11. Variation 15° 50′ East.
	Descend.
5.00	Cross Wash, 90 lks. wide, Course S.E., and ascend.
31.00	Top of Spur, bears N.W. & S.E. and descend.
40.00	Set a Sand stone 14 x 8 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.
61.00	Cross Wash, 50 lks. wide, Course N 35° E, and ascend.
70.00	Top of Spur, bears N. 30° E. & S. 30° W and descend.
80.00	Set a Stone stone 16 x 16 x 8 ins. 11 ins. in the ground for Cor. to Secs. 2-3-10-11 marked with 5 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 2 and 11. Variation 15° 45' East.
	Ascend.
18.00	Top of Spur, bears N. and S. and descend.
30.00	Cross Wash, 40 lks. wide, Course S. 30 E., and ascend.
40.00	Set temporary ¼ Sec. Cor.
58.00	Top of Spur, bears N.W. and S.E. and descend.
79.84	Intersect N. & S. line, 15 lks. South of cor. to secs. 1-2-11-12 from which corner, I run S. 89° 54' W. on a true line between sections 2 - 11 Variation 15° 30' East
39.92	Set a Stone 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.
79.84	The corner to sections 2 - 3 - 10 - 11, Land mountainous. Soil 3rd rate Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian

Chains	North, on a random line between Sections 2 and 3. Variation 15° 45' East.
	Ascend.
7.50	Top of Spur, bears N. 20° W. 1 S. 20 E. and descend.
16.00	Cross Wash, 50 lks. wide, Course N.W. and ascend.
40.00	Set temporary ¼ Sec. Cor.
80.10	Intersect N. B. of Tp. 50 lks. East of cor. to secs. 2-3-34-35 from which corner, I run S. 21' E., on a true line, between sections 2 - 3, Variation 15° 45' East.
40.10	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.
80.10	The corner to sections 2 - 3 - 10 - 11, Land Broken. Soil 3rd rate Vegetation, Bunchgrass.

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

David McKay, Compassman, Oct. 25, 1882.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 33 and 34. Variation 15°20' East.
	Ascend.
9.00	*Top of Spur, bears* E. and W. *and descend.*
29.00	*Cross Wash,* 50 *lks. wide, Course* N.W. *and ascend.*
40.00	*Set a* Sand *stone* 13 x 8 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.*
55.00	*Top of Spur, bears* N.W. & S.E. *and descend.*
71.00	*Cross Wash,* 100 *lks. wide, Course* N.W. *and ascend.*
78.50	*Top of Spur, 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.* 27-28-33-34 *marked with* 1 *notch on S. and* 3 *notches on E. edges, dug pits* 18 x 18 x 12 *ins. in each Sec.,* 5½ *ft. dist. and raised a mound of earth* 2 *ft. high,* 4½ *ft. base.*

Land mountainous.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 27 and 34. Variation 15°30' East.
	Descend.
20.00	*Cross Wash,* 50 *lks. wide, Course* N.W. *and ascend.*
40.00	*Set temporary* ¼ *Sec. Cor.*
65.50	*Top of Spur, bears* N.W. and S.E. *and descend.*
79.90	*Intersect N. & S. line,* 41 *lks.* North *of cor. to secs.* 26-27-34-35, *from which corner, I run* N.89°42' W. *on a true line between sections* 27-34 *Variation* 15°30' *East*
39.95	*Set a* Sand *stone* 13 x 8 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.*
79.90	*The corner to sections* 27-28-33-34,

Land mountainous.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 27 and 28. Variation 15° 30' East.
	Descend.
23.00	Cross Wash, 50 lks. wide, Course N.W. and ascend.
37.00	Top of Spur, bears E. and W, and descend.
40.00	Set a Sand stone 11 x 8 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.
41.00	Enter Flat bears N.W. and S.E,
46.85	Cross Road, bears N. 40° W. and S. 40° E,
58.00	Leave Flat bears N.W. & S.E, and ascend.
71.00	Top of Spur, bears E. and W, and descend.
80.00	Set a Sand stone 12 x 9 x 6 ins. 8 ins. in the ground for Cor. to Secs. 21-22-27-28 marked with 2 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. 63.00 chs. and 17.00 chains level
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East on a random line between Sections 22 and 27. Variation 15° 30' East.
	Ascend.
16.00	Top of Spur, bears N.W. and S.E, and descend.
40.00	Set temporary ¼ Sec. Cor.
52.00	Cross low Sag and ascend.
79.98	Intersect N. & S. line 14 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 15° ~~40~~ 30' East
39.99	Set a Sand stone 14 x 13 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.
79.98	The corner to sections 21-22-27-28.
	Land Rolling.
	Soil 2nd rate
	Vegetation, Bunchgrass,

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 21 and 22. Variation 15° 30' East.
	Descend.
28.00	*Cross Wash, 75 lks. wide, Course NW. and ascend.*
40.00	*Set a Sand stone 13 x 11 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., S and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
60.00	*Top of Spur, bears N.30°W. & S.30°E. and descend.*
80.00	*Set a Sand stone 11 x 9 x 8 ins. 7 ins. in the ground for Cor. to Secs. 15-16-21-22 marked with 3 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*

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

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 15 and 22. Variation 15° 40' East.
	Ascend.
40.00	*Set temporary ¼ Sec. Cor.*
62.53	*Top of Spur, bears NW. & SE. and descend.*
79.76	*Intersect N. & S. line, 28 lks. North of cor. to secs. 14-15-22-23 from which corner, I run N 89° 48' W. on a true line between sections 15-22, Variation 15° 40' East*
39.88	*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.*
79.76	*The corner to sections 15-16-21-22.*

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

Township 31 North Range 39 West

6th Principal Meridian.

North, between Sections 15 and 16.

Variation 15° 40' East.

Chains	
19.00	Enter Flat bears E. and W.
40.00	Set a Sand stone 15 x 8 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	Leave Flat bears E. and W. and ascend.
61.00	Top of Spur, bears N.W. and S.E., and descend.
80.00	Set a Sand stone 12 x 9 x 6 ins. 8 ins. in the ground for Cor. to Secs. 9-10-15-16 marked with 4 notch E on S. and 3 notch E 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 31 North Range 39 West

6th Principal Meridian.

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

Variation 15° 45' East.

Chains	
	Ascend.
2.00	Enter Flat bears N. and S.
40.00	Set temporary ¼ Sec. Cor.
50.00	Leave Flat bears N. and S. and ascend.
79.88	Intersect N. & S. line, 20 lks. South of cor. to secs. 10-11-14-15, from which corner, I run S. 89° 51' W. on a true line between sections 10-15
	Variation 15° 45' East
39.94	Set a Sand stone 10 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 9-10-15-16,

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

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 15° 45' East.
	Over rolling land.
19.00	Cross Wash, 40 lks. wide, Course N.25°W. and ascend.
40.00	Set a Sand stone 10 x 8 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.
51.00	Top of Spur, bears N.40°W. & S.40°E. and descend.
63.00	Enter Flat bears N.W. and S.E.,
80.00	Set a Sand stone 12 x 11 x 9 ins. 8 ins. in the ground for Cor. to Secs. 3-4-9-10 marked with 5 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 rolling.
Soil 2nd & 3rd rate
Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East on a random line between Sections 3 and 10. Variation 15° 30' East.
	Ascend.
9.00	Top of Spur, bears N. and S., and descend.
40.00	Set temporary ¼ Sec. Cor.
79.94	Intersect N. & S. line, 4 lks. South of cor. to secs. 2-3-10-11 from which corner, I run S.89°58' W. on a true line between sections 3-10 Variation 15° 45' East
39.97	Set a Sand stone 11 x 8 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.
79.94	The corner to sections 3-4-9-10,

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

Township 31 North Range 39 West
6th Principal Meridian.

Chains	
	North, on a random line between Sections 3 and 4.
	Variation 15° 30' East.
	Enter Flat bears E. and W.,
20.00	Leave Flat bears E. and W., and ascend.
40.00	Set temporary ¼ Sec. Cor.
79.84	Intersect N. B. of Tp. 16 lks. East of cor. to secs. 3-4-33-34 from which corner, I run
	S. 7' E., on a true line, between sections 3 - 4,
	Variation 15° ~~25'~~ 30' East.
39.84	Set a Sand stone 20x12x8 ins., 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.84	The corner to sections 3 - 4 - 9 - 10.
	Land level. & rolling.
	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.
	C. W. Dakin, Oct. 26, 1882.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	
	North, between Sections 32 and 33.
	Variation 15° 25' East.
	Over rolling land. and ascend
20.00	Top of Spur, bears E. and W., and descend.
40.00	Set a Sand stone 18 x 8 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.
43.00	Enter Valley, bears E. and W.
80.00	Set a Sand stone 12x10x6 ins. 8 ins. in the ground for Cor. to Secs. 28-29-32-33 marked with / 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 ~~mountainous.~~ Rolling and level.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 28 and 33.
	Variation 15° 30' East.
	Ascend.
27.00	Top of Spur, bears Nana S, and descend.
40.00	Set temporary ¼ Sec. Cor.
60.00	Cross low Sag and ascend.
79.71	Intersect N. & S. line, S lks. Nat of cor. to secs. 27-28-33-34 from which corner, I run N 89° 57' W. on a true line between sections 28 - 33,
	Variation 15° 30' East
39.86	Set a Sana stone 12x 10x 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.
79.71	The corner to sections 28 - 29 - 32 - 33,
	Land mountainous.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West

6th Principal Meridian

Chains	
	North, between Sections 28 and 29.
	Variation 15° 30' East.
	Ascend.
30.00	Top of Spur, bears E. and W. and descend.
40.00	Set a Sana stone 15 x 13 x 11 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a Sana stone 13 x 8 x 5 ins. 9 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~~ Rolling.
	Soil 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

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

Variation 14° 30' East.

Chains	
	Ascend.
13.00	Top of Spur, bears N. and S. and descend.
19.00	Enter Flat bears N. and S.
39.00	Leave Flat bears N. and S. and ascend.
40.00	Set temporary ¼ Sec. Cor.
40.30	Cross Road, bears N. and S.
53.22	Cross low Sag and ascend.
61.00	Top of Spur, bears N. 15° W. and S. 15° E. and descend.
80.05	Intersect N. & S. line, 31 lks. South of cor. to secs. 21-22-27-28 from which corner, I run S. 89¼° W. on a true line between sections 21-28.
	Variation ~~15°~~ 14° 30' East
110.03	Set a Sand stone 16 x 12 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.
80.05	The corner to sections 20-21-28-29.

Land mountainous.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian

North, between Sections 20 and 21.

Variation 14° 30' East.

Chains	
	Ascend.
9.00	Top of Spur, bears E. and W. and descend.
27.00	Enter Flat bears E. and W.
40.00	Set a Sand stone 8 x 8 x 5 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.
67.23	Cross Road, bears N. 70° W. and S. 70° E.
80.00	Set a Sand stone 16 x 12 x 5 ins., 11 ins. in the ground for Cor. to Secs. 16-17-20-21 marked with 3 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land, mountainous. 27.00 chs. and 53.00 chains level.
Soil 3rd rate
Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 16 and 21. Variation 15°45' East.
	Ascend.
13.50	Top of Spur, bears N. and S. and descend.
27.00	Cross Wash, 50 lks. wide, Course S., and ascend.
35.00	Top of Spur, bears N. and S. and descend.
37.00	Enter Flat bears N. and S.
40.00	Set temporary ¼ Sec. Cor.
42.50	Leave Flat bears N. and S. and ascend.
79.88	Intersect N. & S. line, 58 lks. South of cor. to secs. 15-16-21-22 from which corner, I run S. 89°35' W. on a true line between sections 16-21 Variation 15°45' East
39.94	Set a Sand stone 16x12x10 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.
79.88	The corner to sections 16-17-20-21, Land ^ mountainous. 74.38 chs. and 5.50 chains level Soil 2nd rate Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 16 and 17. Variation 15°45' East.
	Enter Flat bears N.W. and S.E.
9.00	Leave Flat bears N.W. and S.E. and ascend.
27.00	Top of Spur, bears N.W. and S.E. and descend.
40.00	Set a Sand stone 12 x 10 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on 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, 200 lks. wide, Course E., and ascend.
56.50	Top of Spur, bears N.W. and S.E. and descend.
80.00	Set a Sand stone 12 x 10 x 8 ins. 8 ins. in the ground for Cor. to Secs. 8-9-16-17 marked with 4 notch Xs on S. and 4 notch Xs on E. faces, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base. Land ^ mountainous. 71.00 chs. level. 9.00 chs. Soil 2nd & 3rd rate Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16. Variation 15°40' East.
	Ascend.
15.00	Top of Spur, bears N.W and S.E, and descend.
29.00	Cross Wash, 100 lks. wide, Course N.W, and ascend.
40.00	Set temporary ¼ Sec. Cor.
39.00	Top of Spur, bears N.W and S.E, and descend.
79.83	Intersect N. & S. line, 26 lks. South of cor. to secs. 9-10-15-16 from which corner, I run S.89°49' W. on a true line between sections 9-16, Variation 15°46' East
39.92	Set a Sand stone 12x12x10 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.
79.83	The corner to sections 8-9-16-17,

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

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 8 and 9. Variation 15°40' East.
	Descend.
2.50	Cross Wash, 150 lks. wide, Course N.W, and ascend.
26.00	Top of Spur, bears E. and W. and descend.
40.00	Set a Sand stone 14x11 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.
49.55	Cross Wash, 250 lks. wide, Course N.W, and ascend.
69.50	Top of Spur, bears N.W. & S.E. and descend.
80.00	Set a Sand stone 16x12x10 ins. 11 ins. in the ground for Cor. to Secs. 4-5-8-9 marked with 5 notch es on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

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

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 4 and 9.
	Variation 15° 45' East.
23.50	Cross Wash, 150 lks. wide, Course N., and ascend.
27.00	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ Sec. Cor.
42.00	Cross low Sag and ascend.
45.00	Enter; Flat bears N. and S.
76.50	Top of Spur, bears N.W. and S.E. and descend.
80.26	Intersect N. & S. line, 31 lks. South of cor. to secs. 3-4-9-10 from which corner, I run S. 89° 45' W. on a true line between sections 4-9.
	Variation 15° ~~30'~~ 45' East
40.13	Set a Sand stone 12x12x8 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.
80.26	The corner to sections 4-5-8-9.
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, on a random line between Sections 4 and 5.
	Variation 15° 45' East.
	Ascend.
11.00	Top of Spur, bears E. and W. and descend.
20.00	Cross Wash, 150 lks. wide, Course N 30° W. and ascend.
32.00	Top of Spur, bears N.E. and S.W. and descend.
40.00	Set temporary ¼ Sec. Cor.
46.50	Cross low Sag and ascend.
80.20	Intersect N.B. of Tp. 36 lks. West of cor. to secs. 4-5-32-33 from which corner, I run S. 15' W., on a true line, between sections 4-5,
	Variation 15° ~~30'~~ 45' East.
40.20	Set a Sand stone 12x8x6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.20	The corner to sections 4-5-8-9,
	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.
	David McKay, Compassman, Oct. 26, 1882.

Township 31 North Range 39 West
6th Principal Meridian.

North, between Sections 31 and 32.

Variation 15° East

Ascend.

Chains	
26.00	Top of Spur, bears N.W. & S.E., and descend.
32.00	Cross Wash, 100 lks. wide, Course S.E.
40.00	Set a Sand stone 19 x 11 x 9 ins., 14 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, 100 lks. wide, Course S. 15° E.
76.00	Cross Wash, 200 lks. wide, Course S. 10° E. and ascend.
80.00	Set a Sand stone 13 x 9 x 5 ins. 9 ins. in the ground for Cor. to Secs. 29-30-31-32 marked with 1 notch on S. and 5 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land rolling.
Soil 2nd rate
Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

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

Variation 15° 30' East

Ascend.

Chains	
40.00	Set temporary ¼ Sec. Cor. N. 60° W. & S. 60° E. 8 links,
48.00	Cross Divide bet. Snake Creek & Running Water River bears ^
52.00	Cross Wash, 100 lks. wide, Course N., and ascend.
78.00	Top of Spur, bears N. and S., and descend.
80.48	Intersect N. & S. line, 24 lks North of cor. to secs. 28-29-32-33, from which corner, I run N. 89° 30' W. on a true line between sections 29-32, Variation 15° 30' East
40.24	Set a Sand stone 13 x 9 x 5 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.
80.48	The corner to sections 29-30-31-32,

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

C. H. Dakin, Oct. 27, 1882.

Township 31 North Range 39 West

6th Principal Meridian.

Chains	
	West, on a random line between Sections 30 and 31.
	Variation 15° 30′ East.
	Ascend.
2.00	Top of Spur, bears N. and S. and descend.
13.00	Cross Wash, 20 lks. wide, Course S. and ascend.
30.00	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ Sec. Cor.
47.00	Cross Wash, 200 lks. wide, Course S. and ascend.
59.00	Top of Spur, bears N. and S. and descend.
78.92	Intersect W. B. of Tp. 60 lks. North of cor. to secs. 25-30-31-36 from which corner, I run N. 89° 34′ E., on a true line, between sections 30-31
	Variation 15° 30′ East.
38.92	Set a Sand stone 13 x 8 x 5 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.
78.92	The corner to sections 29-30-31-32,
	Land mountainous.
	Soil 2nd rate
	Vegetation, Bunchgrass.
	David McKay, Compassman, Oct. 27, 1882.

Township 31 North Range 39 West

6th Principal Meridian

Chains	
	North, between Sections 29 and 30.
	Variation 15° 30′ East.
	Ascend.
40.00	Set a Sand stone 13 x 9 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.
54.00	Top of Ridge, bears N. 70° E. & W. and descend.
80.00	Set a Sand stone 13 x 10 x 5 ins. 9 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 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15° 40' East.
	Ascend.
13.00	Top of Spur, bears N.W. & S.E. and descend.
22.00	Cross Wash, 200 lks. wide, Course N. and ascend.
40.00	Set temporary ¼ Sec. Cor.
43.00	Top of Spur, bears N. and S. and descend.
80.16	Intersect N. & S. line, 68 lks. North of cor. to secs. 20-21-28-29 from which corner, I run N. 89° 31' W. on a true line between sections 20-29. Variation 15° 40' East
110.08	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.
80.16	The corner to sections 19-20-29-30. Land mountainous. Soil 2nd rate Vegetation, Bunchgrass. C. W. Dakin, Oct. 27, 1882.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15° 40' East.
	Ascend.
12.00	Top of Spur, bears N. and S. and descend.
29.00	Cross Wash, 300 lks. wide, Course N. and ascend.
33.00	Top of Spur, bears N. 25° W. & S. 25° E. and descend.
40.00	Set temporary ¼ Sec. Cor.
45.00	Cross low Sag and ascend.
78.00	Intersect W. B. of Tp. 44 lks. North of cor. to secs. 19-24-25-30 from which corner, I run N. 89° 41' E. on a true line, between sections 19-30 Variation 15° 40' East.
38.00	Set a Sand stone 12 x 8 x 3 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
78.00	The corner to sections 19-20-29-30. Land mountainous. Soil 2nd rate Vegetation, Bunchgrass. David McKay, Compassman, Oct. 27, 1882.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 19 and 20. Variation 15°40' East.
	Ascend.
10.00	Top of Spur, bears N.30°W. & S.30°E. and descend.
40.00	Set a Sand stone 8 x 8 x 6 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.
79.00	Enter Flat bears E. and W.
80.00	Set a Sand stone 12x12x12ins. 8 ins. in the ground for Cor. to Secs. 17-18-19-20 marked with 3 notches on S. and 5 notches on E. edges, dug pits 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 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15°45' East.
	Over level land
40.00	Set temporary ¼ Sec. Cor.
49.85	Cross Road, bears N.60°W. and S.60°E.
79.99	Intersect N. & S. line, 49 lks. North of cor. to secs. 16-17-20-21 from which corner, I run N.89°39'W. on a true line between sections 17-20, Variation 15°45' East
40.00	Set a Sand stone 15 x 12 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.
79.99	The corner to sections 17-18-19-20
	Land level.
	Soil 2nd rate
	Vegetation, Bunchgrass.
	C. M. Bakin, Oct. 27, 1882.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	West, on a random line between Sections 18 and 19. Variation 15°45 East.
	Over level land
40.00	*Set temporary ¼ Sec. Cor.*
77.43	*Intersect W. B. of Tp. 50 lks. North of cor. to secs. 13-18-19-24 from which corner, I run N 89°30' E., on a true line, between sections 18-19, Variation 15°55' East.*
37.43	*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.*
77.43	*The corner to sections 17-18-19-20;*
	Land level.
	Soil 2nd rate
	Vegetation, Bunchgrass.
	David McKay, Compassman,
	Oct. 27, 1882.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 17 and 18 Variation 15°45' East.
9.15	*Cross Road, bears N 70° W. & S. 70° E., and ascend*
37.00	*Top of Spur, bears E. and W., and descend.*
40.00	*Set a Sand stone 15 x 8 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.*
55.00	*Enter Flat bears E. and W.,*
80.00	*Set a Sand stone 18 x 12 x 5 ins. 12 ins. in the ground for Cor. to Secs. 7-8-17-18 marked with 4 notch E on S. and 5 notch E 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. 45.85 chs. and 34.15 chs. level
	Soil 2nd rate
	Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 8 and 17.
	Variation 15°45' East.
40.00	Set temporary ¼ Sec. Cor.
80.19	Intersect N. & S. line, 13 lks. North of cor. to secs. 8-9-16-17 from which corner, I run N.1°54' W. on a true line between sections 8-17
	Variation 15°45' East
40.10	Set a Sand stone 12 x 10 x 5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.19	The corner to sections 7-8-17-18.
	Land level.
	Soil 3rd rate
	Vegetation, Bunchgrass.
	C.W. Dakin, Oct. 27, 1882.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18.
	Variation 15°45' East.
	Over level land
40.00	Set temporary ¼ Sec. Cor.
76.81	Intersect W.B. of Tp. 35 lks. North of cor. to secs. 7-12-13-18 from which corner, I run N.89°45' E, on a true line, between sections 7-18.
	Variation 15°45' East.
36.81	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.
76.81	The corner to sections 7-8-17-18.
	Land level.
	Soil 3rd rate
	Vegetation, Bunchgrass.
	David McKay, Compassman, Oct. 27, 1882.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 7 and 8.
	Variation 15° 45' East.
	Enter Flat bears E and N,
16.00	Leave Flat bears E and N, and ascend.
40.00	Set a Sand stone 18 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., E and N. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
69.00	Top of Spur, bears N 50° W, 9 S 50° E, and descend.
80.00	Set a Sand stone 12 x 10 x 8 ins. 8 ins. in the ground for Cor. to Secs. 5-6-7-8, marked with 5 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

16.00 lks. & 64.00 lks.
Land, level. mountainous.
Soil 2nd & 3rd rate
Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 5 and 8.
	Variation 15° 30' East.
	Ascend.
9.00	Top of Spur, bears N and S, and descend.
40.00	Set temporary ¼ Sec. Cor.
53.50	Cross Wash, 200 lks. wide, Course N, and ascend.
59.50	Top of Spur, bears N and S, and descend.
80.07	Intersect N. & S. line, 20 lks. Nth of cor. to secs. 4-5-8-9 from which corner, I run N 89° 51' W. on a true line between sections 5-8
	Variation 15° ~~45'~~ 30' East
40.04	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.
80.07	The corner to sections 5-6-7-8,

Land mountainous.
Soil 2nd rate
Vegetation, Bunchgrass.

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

C. M. Dakin, Oct. 27, 1882.

Township 31 North Range 39 West
6th Principal Meridian.

Chains — West, on a random line between Sections 6 and 7.
Variation 15° 45' East.

Ascend.

12.50 Top of Spur, bears Nand S. and descend.
20.00 Cross Wash, 50 lks. wide, Course N.15 E, and ascend.
23.00 Top of Spur, bears Nand S, and descend.
40.00 Set temporary ¼ Sec. Cor.
56.00 Cross low Sag and ascend.
76.15 Intersect W. B. of Tp. 10 lks. North of cor. to secs. 1-6-7-12 from which corner, I run N 89° 56' E, on a true line, between sections 6-7,
Variation 16° 45' East.
36.15 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.
76.15 The corner to sections 5-6-7-8,
Land mountainous.
Soil 2nd rate
Vegetation, Bunchgrass.

Township 31 North Range 39 West
6th Principal Meridian.

Chains — North, on a random line between Sections 5 and 6.
Variation 15° 50' East.

Ascend.

6.50 Top of Spur, bears E. and W, and descend.
40.00 Set temporary ¼ Sec. Cor.
45.00 Cross Wash, 20 lks. wide, Course N.25 E, and ascend.
54.00 Top of Spur, bears NE. and SW, and descend.
59.00 Cross low Sag and ascend.
80.03 Intersect N. B. of Tp. 25 lks West of cor. to secs. 5-6-31-32 from which corner, I run S. 11' W. on a true line, between sections 5-6.
Variation 15° 50' East.
40.03 Set a Sand stone 8 x 8 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.
80.03 The corner to sections 5-6-7-8,
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.
David McKay, Compassman,
Oct. 27, 1882.

GENERAL DESCRIPTION.

The general character of the land in this Township is mountainous.
It is covered with an abundant growth of Bunchgrass, which furnishes excellent grazing land throughout the Twp.
The soil is 2nd and 3rd rate.

U. S. Surveyor General's Office.

Plattsmouth, Neb. 1883

The foregoing Field Notes of the Retracings, and survey of the Subdivision lines of Township No. 31 North of Range No. 39 West of the Principal Base and Meridian in the State of Neb. executed by C. H. Dakin U. S. Deputy Surveyor, under his contract No. 5, dated Feb. 2, 1882 in the month of Oct. 1882, having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

L. W. Stephenson
U. S. Surveyor-General for

Charles W. Dakin, Deputy Surveyor.

T. 32 **North R.** 39 **West.**

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 32 North Range 39 West

6th Principal Meridian.

BY

Charles W. Dakin, Deputy Surveyor.

Under his Contract of February 2nd 1882

Survey Commenced October 9th 1882

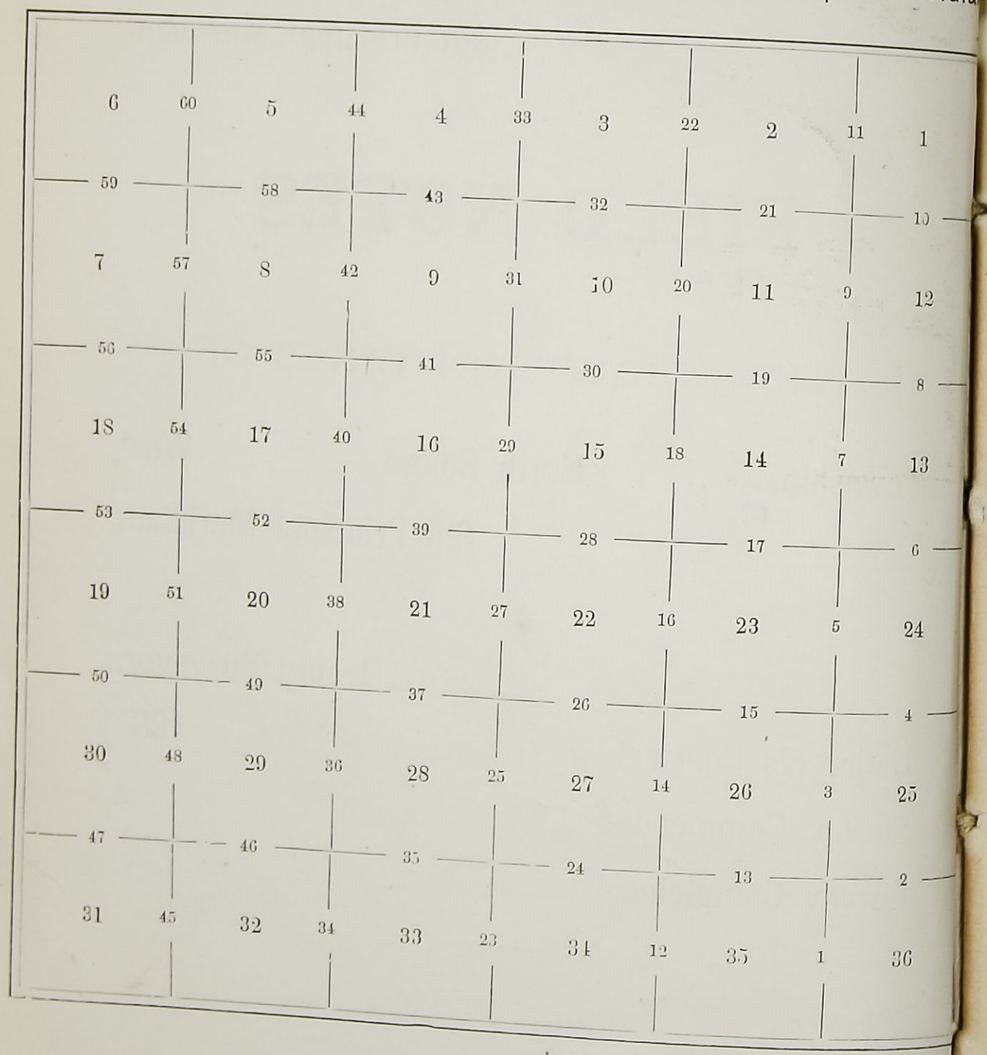
Survey Completed October 11th 1882

Platted,
Copied for Washington,
Copied for Register,

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

Township 32 North, Range 39 West,

6th Principal Meridian.



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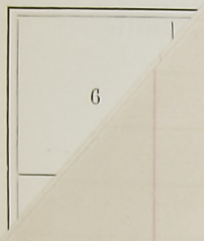
Township North Range West

6th Principal Meridian.

Township 32 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 John Roach, *of* San Francisco Cal, *in* 1881.

Township 32 North Range 39 West
(See previous page.) 6th Principal Meridian.

Chains	
	From the corner to Sections 35, 36, 1 and 2 on the South boundary; I run North, between Sections 35 and 36.
	Variation 15° 30' East.
	Over rolling land.
23.00	*Top of Ridge, bears N. W. and S. E. and descend.*
40.00	*Set a Sand stone 18 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.*
43.00	*Cross low Sag and ascend.*
80.00	*Set a Sand stone 14 x 14 x 11 ins. 9 ins. in the ground for Cor. to Secs. 25, 26, 35 & 36, marked with / notch ~ on S. and / notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*
	57.00 chs Land mountainous. and 23.00 chs. Rolling.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West 2
6th Principal Meridian.

Chains	
	East, on a random line between Sections 25 and 36.
	Variation 15° 10' East.
	Over rolling land.
1.00	*Top of Spur, bears N. W. and S. E. and descend.*
13.00	*Cross low Sag and ascend.*
40.00	*Set temporary ¼ Sec. Cor.*
62.75	*Top of Spur, bears N. W. and S. E. and descend.*
80.35	*Intersect E. B. of Tp. 40 lks. South of cor. to secs. 25, 30, 31 and 36, from which corner, I run S. 89° 43' W. on a true line, between sections 25 and 36.*
	Variation 15° 10' East.
40.17	*Set a Sand stone 8 x 8 x 6 ins., 5 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.35	*The corner to sections 25, 26, 35 and 36.*
	Land mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains — North, between Sections 25 and 26.

Variation 15° 10' East.

Over rolling land.

9.00 Cross low Sag and ascend.

37.00 Top of Spur, bears N. 30° W. dist. 3.75 and descend.

40.00 Set a Sand stone 16 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.

47.00 Cross low Sag and ascend.

75.00 Top of Spur, bears N. E. dist. 4.75 and descend.

80.00 Set a Sand stone 12 x 12 x 10 ins. 8 ins. in the ground for Cor. to Secs. 23, 24, 25 & 26, marked with 2 notches on S. and 1 notch on E. edges. dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land, mountainous. 7.00 Chs. and rolling. 9.00 Chs.

Soil 3rd rate

Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

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

Variation 15° 00' East.

Over rolling land.

40.00 Set temporary ¼ Sec. Cor.

80.10 Intersect E. B. of Tp. 31 Ns. North of cor. to secs. 19, 24, 25 & 30, from which corner, I run

S. 89° 45' W. on a true line, between sections 24 and 25.

Variation 15° 00' 45' East.

40.05 Set a Sand stone 12 x 9 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.

80.10 The corner to sections 23, 24, 25 and 26.

Land rolling.

Soil 3rd rate

Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 23 and 24.
	Variation 15° 00' East.
	Descend. Over rolling land.
20.00	Top of Spur, bears N.E. and S.W. and descend.
22.00	Cross low Sag and ascend.
36.00	Top of Spur, bears N.E. and S.W. and descend.
40.00	Set a Sand stone 12 x 12 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
58.00	Cross low Sag and ascend.
80.00	Set a Sand stone 14 x 9 x 7 ins. 9 ins. in the ground for Cor. to Secs. 13, 14, 23 & 24, marked with 3 notches on S. and 1 notch on E. edges. dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base. 20.00 lks 60.00 lks.
	Land rolling and mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 13 and 24.
	Variation 15° 00' East.
	Ascend.
2.00	Top of Spur, bears N.W. and S.E. and descend.
40.00	Set temporary ¼ Sec. Cor.
79.98	Intersect E. B. of Tp. 6 lks. North of cor. to secs. 13, 18, 19 and 24, from which corner, I run N. 89° 57' W. on a true line, between sections 13 and 24. 15.00
	Variation 14° 60' East.
39.99	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 W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.98	The corner to sections 13, 14, 23 and 24.
	Land mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 13 and 14.
	Variation 15° 00' East.
	Ascend.
2.00	Top of Spur, bears E. and W. and descend.
18.00	Enter Flat bears E. and W.
25.00	Cross Road, bears E. and W.
40.00	Set a Sand stone 11 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.
52.00	Leave Flat bears E. and W.
66.00	Cross Niobrara River, 100 lks. wide, Course E.
80.00	Set a Lime stone 10 x 10 x 8 ins. 7 ins. in the ground for Cor. to Secs. 11, 12, 13 and 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. 34.00 Chs 46.00 Chs. Land level and mountainous. Soil 3rd rate Vegetation of Buneh grass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 12 and 13.
	Variation 16° 10' East.
	Descend.
39.00	Cross Niobrara River, 120 lks. wide, Course N. 65° E.
40.00	Set temporary ¼ Sec. Cor.
79.89	Intersect E. B. of Tp. 29 lks. North of cor. to secs. 7, 12, 13 and 18 from which corner, I run N. 89° 45' W. on a true line, between sections 12 and 13, Variation 15° 10' East.
39.94	Set a Lime stone 12 x 8 x ins., 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.
79.89	The corner to sections 11, 12, 13 and 14. Land rolling. Soil 3rd rate Vegetation of Buneh grass and Sagebrush.

Township 32 North Range 37 West
6th Principal Meridian.

Chains

North, between Sections 11 and 12.

Variation 15° 10' East.

Ascend.

10.00 Enter Flat bears E. and W.

40.00 Set a Sand stone 12 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.

70.00 Leave Flat bears E. and W. and ascend.

80.00 Set a Sand stone 13 x 13 x 8 ins. ins. in the ground for Cor. to Secs. 1, 2, 11 and 12, marked with 5 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.

60.00 and 20.00 Chains Mts.

Land ^ level.

Soil 3rd rate

Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 37 West
6th Principal Meridian.

Chains

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

Variation 15° 15' East.

Over rolling land.

25.50 Cross low Sag and ascend.

30.00 Top of Spur, bears N. and W. and descend.

40.00 Set temporary ¼ Sec. Cor.

44.00 Cross Wash, lks. wide, Course S. and ascend.

80.06 Intersect E. B. of Tp. 18 lks. North of cor. to secs. 1, 6, 7 and 12, from which corner, I run N. 89° 52' W. on a true line, between sections 1 and 12.

Variation 15° 45' East.

40.03 Set a Sand stone 16 x 14 x 9 ins., 11 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face and raised a mound of stone.

Pits impracticable.

80.06 The corner to sections 1, 2, 11 and 12.

54.56 Chs. 25.50 Chs.

Land ^ mountainous. and ^ rolling.

Soil 3rd rate

Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	
	North, on a ~~random~~ true line between Sections 1 and 2.
	Variation 15° 15' East.
	Over rolling land.
6.00	Top of Spur, bears E. and W. and descend.
23.00	Cross low Sag and ascend.
40.00	Set a Lime stone 14 x 10 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
56.16	Intersect the 8th Standard Parallel North at a point 12.04 chs. West of the Standard Cor. to Secs. 31 and 36, Tps. 33 N., R. 38 & 39 W., at which point I.
	Set a Sand stone 10 x 10 x 8 ins. 7 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 rolling.
	Soil 3rd rate
	Vegetation Bunchgrass & Bagebrush.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	C. W. Dakin, Oct. 9th 1882.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	
	North, between Sections 34 and 35.
	Variation 15° 35' East.
	Over rolling land. and ascend
20.00	Top of Spur, bears E. and W. and descend.
40.00	Set a Sand stone 18 x 6 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.
68.00	Top of Spur, bears N. 70° W. and S. 70° E. and descend.
75.00	Cross low Sag and ascend.
80.00	Set a Sand stone 18 x 12 x 5 ins. 10 ins. in the ground for Cor. to Secs. 26, 27, 34 & 35 marked with 1 notch on S. and 2 notches on E. edges. 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.
	60.00 chs. 20.00 chs.
	Land mountainous. and rolling.
	Soil 3rd rate
	Vegetation Bunchgrass & Bagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 15° 20' East.
	Over rolling land.
13.00	Cross low Sag and ascend.
31.00	Top of Spur, bears N. 20° E. and S. 20° W. and descend.
40.00	Set temporary ¼ Sec. Cor.
46.00	Cross low Sag and ascend.
67.00	Top of Spur, bears N. and W. and descend.
79.74	Intersect N. & S. line, 31 lks. North of cor. to secs. 25, 26, 35 & 36 from which corner, I run N. 89° 47' W. on a true line between sections 26 and 35. Variation 15° 20' East
39.87	Set a Sand stone 12 x 8 x 5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.74	The corner to sections 26, 27, 34 and 35. 13.00 Chs 66.74 Chs Land rolling. and mountainous. Soil 3rd rate Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 26 and 27. Variation 15° 20' East.
	Ascend.
8.00	Top of Spur, bears N. 70° W. and S. 70° E. and descend.
40.00	Set a Sand stone 12 x 10 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
73.00	Enter Flat bears E. and W.
80.00	Set a Sand stone 15 x 7 x 6 ins., 10 ins. in the ground for Cor. to Secs. 22, 23, 26 & 27 marked with 2 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base. Land rolling. and 7.00 Chains flat. 73.00 Soil 3rd rate Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains

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

Variation 15° 25' East.

Over level land

40.00 Set temporary ¼ Sec. Cor.

79.90 Intersect N. & S. line, at cor. to secs. 23, 24, 25 & 26 from which corner, I run

West on a true line between sections 23 and 26.

Variation 15° ~~00~~ 25' East

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

79.90 The corner to sections 22, 23, 26 and 27.

Land level.

Soil 2nd rate

Vegetation of Bunchgrass and Buffalo grass.

Township 32 North Range 39 West
6th Principal Meridian.

Chains

North, between Sections 22 and 23.

Variation 15° 25' East.

Descend.

11.00 At Spring,

40.00 Set a Sand stone 13 x 9 x 5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

60.00 Top of Spur, bears N. 70° W. and S. 70° E. and descend.

80.00 Set a Sand stone 15 x 8 x 3 ins. 10 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 rolling.

Soil 2nd rate

Vegetation of Bunchgrass and Buffalo grass.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	
	East, on a random line between Sections 14 and 23.
	Variation 15° 15' East.
	Over level land
40.00	Set temporary ¼ Sec. Cor.
45.00	Top of Spur, bears N. and S. and descend.
80.03	Intersect N. & S. line, 20 lks. North of cor. to secs. 13, 14, 23 & 24, from which corner, I run N. 89° 57' W. on a true line between sections 14 and 23.
	Variation 15° 15' East
40.01	Set a Sand stone 12 x 9 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.03	The corner to sections 14, 15, 22 and 23.
	Land level and rolling.
	Soil 2nd rate
	Vegetation of Bunchgrass and Buffalo grass.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	
	North, between Sections 14 and 15.
	Variation 15° 15' East.
	Over level land
	Descend.
9.56	Cross Road, bears N. E. and S. W.
40.00	Set a Sand stone 13 x 8 x 4 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
60.00	Descend.
65.00	Cross Wash, 50 lks. wide, Course N. 85° W.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs, 10, 11, 14 and 15, marked T, 32 N, S, 11, on N, E, R, 39 W, S. 14 on S, E, S. 15 on S, W, and S, 10 on N, W, faces, 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, 4 ½ ft, base around post.
	Land level.
	Soil 2nd rate
	Vegetation of Bunchgrass and Buffalo grass.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 11 and 14. Variation 15° 20' East.
	Ascend.
14.00	Descend.
23.00	Cross Niobrara River, 75 lks. wide, Course S.E.
27.00	Top of bank, bears E. and N.W. thence over Flat.
40.00	Set temporary ¼ Sec. Cor.
51.00	Cross Wash, 20 lks. wide, Course S.
79.92	Intersect N. & S. line, 11 lks. South of cor. to secs. 11, 12, 13 and 14, from which corner, I run S. 89° 55' W. on a true line between sections 11 and 14. Variation 15° 30' East
39.96	Set a Sand stone 18 x 12 x 7 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.92	The corner to sections 10, 11, 14 and 15. Land rolling. Soil 1st rate Vegetation of Bunchgrass and Buffalo grass.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 10 and 11. Variation 15° 20' East.
	Descend.
14.00	Cross Niobrara River, 75 lks. wide, Course N. 85° E., and ascend
21.00	Top of bank, bears E. and W. thence over Flat.
24.93	Cross Road, bears E. and W.
30.00	Enter rolling land, bears E. and W.
40.00	Set a Sand stone 18 x 9 x 3 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.
51.80	Top of Spur, bears E. and W. and descend.
80.00	Set a Sand stone 13 x 7 x 4 ins. 5 ins. in the ground for Cor. to Secs. 2, 3, 10 and 11, marked with 5 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base. Land rolling. Soil 1st rate Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 2 and 11.
	Variation 15° 25' East.
	Ascend.
29.00	*Top of Spur, bears N.W. and S.E. and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
45.00	*Enter Tableland, bears N.E. and S.W.*
80.16	*Intersect N. & S. line, 38 lks. North of cor. to secs. 1, 2, 11 and 12, from which corner, I run N. 89° 44' W. on a true line between sections 2 and 11.*
	Variation 15° 25' East
40.08	*Set a Post stone 18 x 5 x 3 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.16	*The corner to sections 2, 3, 10 and 11.*
	Land mountainous. 45.00 Chs. and 35.16 Chs. flat.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West

6th Principal Meridian

Chains	
	North, on a ~~random~~ true line between Sections 2 and 3.
	Variation 15° 25' East.
	Ascend.
31.00	*Top of Spur, bears E. and W. and descend.*
40.00	*Set a Post stone 17 x 15 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.*
55.37	*Intersect the 8½ Standard Parallel North, at a point 12.08 chs. West of the Standard Cor. to Secs. 35 and 36, T. 33 N., R. 39 W. at which point I.*
	Set a Post, 4 ft. long, 4 ins. square, 12 ins. in the ground for Closing Cor. to Secs. 2 and 3 T. 32 N., R. 39 W. on S., 0.2 on E. and 0.3 on W. faces, 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 Post, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around Post.
	Land rolling.
	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.
	Dated this 9th day, Compassman, Oct. 9th 1882.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	
	North, between Sections 33 and 34.
	Variation 15° 25' East.
	Over rolling land. and ascend
20.00	Top of Spur, bears E. and N. and descend.
40.00	Set a Sand stone 15 x 9 x 4 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
41.00	Cross low Sag and ascend.
49.00	Top of Spur, bears N. E. and S. W. and descend.
80.00	Set a Sand stone 16 x 8 x 3 ins. 10 ins. in the ground for Cor. to Secs. 27, 28, 33 & 34, marked with 1 notch on S. and 3 notches on E. edges. dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	20.00 lks 60.00 lks.
	Land rolling. and mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	
	East, on a random line between Sections 27 and 34.
	Variation 15° 25' East.
	Ascend.
20.00	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ Sec. Cor.
79.96	Intersect N. & S. line, 14 lks. North of cor. to secs. 26, 27, 34 & 35, from which corner, I run N. 89° 54' W. on a true line between sections 27 and 34.
	Variation 15° 25' East
39.98	Set a Sand stone 12 x 8 x 4 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.96	The corner to sections 27, 28, 33 and 34.
	Land mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West

6th Principal Meridian.

Chains	North, between Sections 27 and 28.
	Variation 15° 25' East.
	Descend.
40.00	*Set a* Sand *stone* 11 *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.*
80.00	*Set a* Sand *stone* 14 *x* 13 *x* 9 *ins.* 9 *ins. in the ground for Cor. to Secs.* 21, 22, 27 & 28 *marked with* 2 *notches on S. and* 3 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*
	Land rolling.
	Soil 3rd *rate*
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West

6th Principal Meridian.

Chains	East on a random line between Sections 22 and 27.
	Variation 15° 30' East.
	Descend.
40.00	*Set temporary ¼ Sec. Cor.*
79.81	*Intersect N. & S. line,* 33 *lks.* North *of cor. to secs.* 22, 23, 26 & 27, *from which corner, I run* N. 89° 46' *W. on a true line between sections* 22 and 27.
	Variation 15° ~~25~~ 30' *East*
39.90	*Set a* Sand *stone* 12 *x* 6 *x* 4 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.81	*The corner to sections* 21, 22, 27 and 28.
	Land rolling.
	Soil 3rd *rate*
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains — North, between Sections 21 and 22.

Variation 15° 30' East.

Descend.

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

80.00 Set a Sand stone 16 x 12 x 8 ins. 11 ins. in the ground for Cor. to Secs. 15, 16, 21 & 22, marked with 3 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land rolling.

Soil 3rd rate

Vegetation of Bunchgrass & Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

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

Variation 15° 25' East.

Ascend.

7.00 Top of Spur, bears N. and S. and descend.

15.00 Enter Flat bears N.W. and S.E.

40.00 Set temporary ¼ Sec. Cor.

79.69 Intersect N. & S. line. 10 lks. South of cor. to secs. 14, 15, 22 & 23, from which corner, I run S. 89° 56' W. on a true line between sections 15 and 22.

Variation 15° 25' East

39.84 Set a Sand stone 13 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.

79.69 The corner to sections 15, 16, 21 and 22.

Land rolling and level.

Soil 3rd rate

Vegetation of Bunchgrass & Sagebrush.

Township 32 North Range 39 West

6th Principal Meridian.

Chains	North, between Sections 15 and 16.
	Variation 15° 25' East.
	Descend.
11.52	Cross Road, bears E. and W.
13.00	Enter Flat bears E. and W.
40.00	Set a Sand stone 12 x 8 x 4 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
46.00	Descend.
48.00	Enter river bottom, bears N. 20° E. and S. 20° W.
78.54	Cross Niobrara River, 115 lks. wide, Course E. and ascend
80.00	Impossible to set Cor. at true point. Therefore at 1 ch. N., ~~at~~ Set a Sand stone 15 x 12 x 3 ins. 10 ins. in the ground for Witness Cor. to Secs. 9, 10, 15 and 16 marked with W.C. 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 level.
	Soil 1st rate
	Vegetation of Bunch grass and Blue grass.

Township 32 North Range 39 West

6th Principal Meridian.

Chains	East, on a random line between Sections 10 and 15.
	Variation 15° 40' East.
	From Witness Cor., I offset 1 chain North to avoid steep bluff. At 10 chains, I offset 1 chain South on true line.
40.00	Set temporary ¼ Sec. Cor.
× ⊕ 50.00	B. Erwin's house, bears S. 20° E., 16.00 chs. dist.
19.90	Intersect N. & S. line, 30 lks. South of cor. to secs. 10, 11, 14 and 15, from which corner, I run S. 89° 47' W. on a true line between sections 10 and 15.
	Variation 15° ~~20'~~ 40' East
39.95	Set a Sand stone 12 x 8 x 3 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.90	The corner to sections 9, 10, 15 and 16.
	Land level.
	Soil 1st rate
	Vegetation of Bunch grass and Blue grass.
× ⊕ 64.00	Cross Niobrara River, 100 lks. wide, course N. 20° E.

Township 32 North Range 39 West

6th Principal Meridian.

Chains North, from tree point for Corner to Secs 9-10 15 & 16 between Sections 9 and 10.

Variation 15° 40' East.

Ascend.

13.45 Cross Road, bears E. and W.

40.00 Set a Sand stone 13 x 8 x 5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.00 Set a Sand stone 14 x 10 x 8 ins. 9 ins. in the ground for Cor. to Secs. 3, 4, 9 and 10 marked with 5 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land rolling.

Soil 2nd rate

Vegetation of Bunchgrass and Buffalo grass.

Township 32 North Range 39 West

6th Principal Meridian.

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

Variation 15° 25' East.

Over rolling land.

40.00 Set temporary ¼ Sec. Cor.

53.00 Cross low Sag and ascend.

79.00 Top of Hill bears N. and S. and descend.

79.89 Intersect N. & S. line, 64 lks. South of cor. to secs. 2, 3, 10 and 11, from which corner, I run S. 89° 33' W. on a true line between sections 3 and 10.

Variation 15° 25' East

39.94 Set a Sand stone 18 x 13 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.

79.89 The corner to sections 3, 4, 9 and 10.

Land rolling.

Soil 3rd rate

Vegetation of Bunchgrass and Buffalo grass.

Township 32 North Range 37 West
6th Principal Meridian.

Chains — North, on a ~~random~~ true line between Sections 3 and 4.

Variation 15° 25' East.

Descend.

15.00 Foot of Spur, bears N.E. & W. and ascend

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

40.00 Set a Sand stone 13 x 9 x 5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

55.71 Intersect the 8th Standard Parallel North, at a point 11.96 chs. West of the Standard Cor. to Secs. 34 and 35. T. 33 N., R. 37 W., at which point I.

Set a Sand stone 13 x 9 x 5 ins. 8 ins. in the ground for Closing Cor. to Secs. 3 and 4 marked C. C. with 3 notches on E. and 3 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land rolling.

Soil 3rd rate

Vegetation of Bunchgrass and Buffalo grass.

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

C. M. Dakin, Oct. 10th 1882.

Township 32 North Range 37 West
6th Principal Meridian.

Chains — North, between Sections 32 and 33.

Variation 15° 30' East.

Ascend.

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

21.60 Cross low Sag and ascend.

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

40.00 Set a Sand stone 11 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.

56.30 Cross Wash, 30 lks. wide, Course N. 30° W. and ascend.

80.00 Set a Sand stone 12 x 12 x 8 ins. 8 ins. in the ground for Cor. to Secs. 28, 29, 32 & 33 marked with 1 notch on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist, and raised a mound of earth 2 ft. high, 4½ ft. base.

Land mountainous.

Soil 3rd rate

Vegetation of Bunchgrass and Pagebrushes.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33.
	Variation 15° 30' East.
	Descend.
12.70	*Cross low Sag and ascend.*
27.00	*Top of Ridge, bears N. and W. and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
57.50	*Cross Wash, 30 lks. wide, Course N. and ascend.*
80.20	*Intersect N. & S. line, 60 lks. South of cor. to secs. 27, 28, 33 & 34, from which corner, I run*
	N. 89° 34' W. on a true line between sections 28 and 33.
	Variation 15° ~~30'~~ 30' East
40.10	*Set a Sand stone 13 x 7 x 5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and E. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.20	*The corner to sections 28, 29, 32 and 33.*
	Land mountainous.
	Soil 3rd rate
	Vegetation Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian

Chains	North, between Sections 28 and 29.
	Variation 15° 30' East.
	Ascend.
13.12	*Top of Spur, bears E. and W. and descend.*
27.00	*Cross Wash, 40 lks. wide, Course N. 60° W. and ascend.*
40.00	*Set a Sand stone 14 x 9 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.*
47.00	*Top of Spur, bears E. and W. and descend.*
53.00	*Enter Marsh, lks. wide, Course E. and W.*
78.00	*Leave Marsh, lks. wide, Course E. and W.*
80.00	*Set a Sand stone 16 x 14 x 10 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 rolling. 27.00 lks. and 53.00 lks. Mts.
	Soil 3rd rate
	Vegetation Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	
	East, on a random line between Sections 21 and 28.
	Variation 15° 40' East.
	Ascend.
7.80	*Top of Spur, bears* N. and S. *and descend.*
17.20	*Cross low Sag and ascend.*
34.00	*Top of Spur, bears* N. and S. *and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
51.68	*Cross low Sag and ascend.*
80.14	*Intersect N. & S. line, 25 lks. South of cor. to secs. 21, 22, 27 & 28, from which corner, I run*
	S. 81° 49' W. on a true line between sections 21 and 28.
	Variation 15° 40' East
40.17	*Set a Sand stone 15 x 9 x 7 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.14	*The corner to sections 20, 21, 28 and 29.*
	Land mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian

Chains	
	North, between Sections 20 and 21.
	Variation 15° 40' East.
	Ascend.
10.20	*Top of Spur, bears E. and W. and descend.*
23.00	*Cross low Sag and ascend.*
40.00	*Set a Sand stone 15 x 11 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.*
45.00	*Top of Spur, bears E. and W. and descend.*
74.00	*Cross Road, bears E. and W.*
80.00	*Set a Sand stone 14 x 10 x 6 ins. 9 ins. in the ground for Cor. to Secs. 16, 17, 20 & 21 marked with 3 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*
	Land mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 16 and 21.
	Variation 15° 25' East.
	Over level land
33.00	Cross Creek 35 lks. wide, Course N. 20° E. and ascend.
36.00	Top of bank, thence over Flat.
40.00	Set temporary ¼ Sec. Cor.
46.86	Cross Road, bears N. E. and S. W.
79.83	Intersect N. & S. line, 4 lks. North of cor. to secs. 15, 16, 21 and 22, from which corner, I run N. 89° 58' W. on a true line between sections 16 and 21,
	Variation 15° 25' East
39.91	Set a Sand stone 10 x 9 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. 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 16, 17, 20 and 21.
	Land rolling and level.
	Soil 2nd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 16 and 17.
	Variation 15° 25' East.
	Ascend.
11.00	Top of Spur, bears E. and W. and descend.
18.20	Cross low Sag and ascend.
40.00	Set a Sand stone 12 x 10 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.
45.00	Top of Ridge, bears E. and W. and descend.
74.57	Cross low Sag 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 notch es on S. and 4 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.
	Soil 3rd rate
	Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16.
	Variation 15° 45' East.
	Descend.
3.20	Cross Niobrara River,
	170 lks. wide, Course S. 60° E. and ascend.
11.30	Top of bank, course N. E. and over Flat.
25.14	Cross Wash, 30 lks. wide, Course N. and ascend.
40.00	Set temporary ¼ Sec. Cor.
79.92	Intersect N. & S. line, 23 lks. North of cor. to secs.
	9, 10, 15 & 16, from which corner, I run
	N. 89° 30' W. on a true line between sections 9 and 16,
	Variation 15° 45' East
39.96	Set a Sand stone 14 x 14 x 12 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.
79.92	The corner to sections 9, 8, 16 and 17.
	Land rolling.
	Soil 1st rate
	Vegetation of Bunchgrass and Buffalo grass.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	North, between Sections 8 and 9.
	Variation 15° 45' East.
	Descend.
2.07	Cross Niobrara River,
	133 lks. wide, Course S. 50° E. and ascend.
29.00	Top of Bluff, bears E. and W., and over Flat.
34.00	Cross Road, bears E. and W.
40.00	Set a Sand stone 7 x 12 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.
55.09	Cross Wash, 70 lks. wide, Course S. 30° W. and ascend.
80.00	Set a Sand stone 13 x 11 x 8 ins. 8 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.
	54.40 chs. Land rolling. 25.60 chs. Mts.
	Soil 1st rate
	Vegetation of Bunchgrass and Buffalo grass.

Township 32 North Range 39 West

6th Principal Meridian.

Chains	East, on a random line between Sections 4 and 9.
	Variation 15° 50' East.
	Enter Flat bears N. and S.
22.83	Cross Wash, 30 lks. wide, Course S. 20° W.
40.00	Set temporary ¼ Sec. Cor.
42.00	Leave Flat bears S. E. and N. W. and ascend.
70.60	Top of Spur, bears N. and S. and descend.
80.14	Intersect N. & S. line, 11 lks. South of cor. to secs. 3, 4, 9 and 10, from which corner, I run S. 89° 55' W. on a true line between sections 4 and 9.
	Variation 15° ~~25'~~ 50' East
40.07	Set a Sand stone 10 x 10 x 7 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.
80.14	The corner to sections 4, 5, 8 and 9.
	Land rolling and level.
	Soil 2nd rate
	Vegetation of Bunchgrass and Buffalo grass.

Township 32 North Range 39 West

6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 4 and 5.
	Variation 15° 50' East.
	Ascend.
8.16	Top of Spur, bears E. and W. and descend.
21.00	Cross Wash, 68 lks. wide, Course S. 30° E. and ascend.
35.00	Top of Spur, bears S. E. and N. W. and descend.
40.00	Set a Sand stone 18 x 13 x 7 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.
56.08	Intersect the 8th Standard Parallel North, at a point 12.14 chs. West of the Standard Cor. to Secs. 33 and 34. T. 33 N., R. 39 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. 39 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 3rd rate
	Vegetation of Bunchgrass and Buffalo grass.

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

David McRay, Compassman, Oct. 10th 1882.

Township 32 North Range 39 West
6th Principal Meridian.

Chains | North, between Sections 31 and 32.

Variation 15° 55' East.

Ascend.

18.30 Top of Hill bears N.W. and S.E. and descend.

23.00 Cross low Sag and ascend.

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.

53.00 Top of Hill bears E. and W. and descend.

69.00 Enter Flat bears E. and W.

80.00 Set a Sand stone 12 x 12 x 8 ins. 8 ins. in the ground for Cor. to Secs. 29, 30, 31 & 32, marked with 1 notch on S. and 5 notches on E. edges, dug pits 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 69.00 lks. Mtn. Red 11.00 lks. level.

Soil 3rd rate

Vegetation Bunchgrass and Sagebrush.

Township 32 North Range 39 West
6th Principal Meridian.

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

Variation 15° 45' East.

Over level land

16.00 Enter Marshy Land, Course N. and S.

27.00 Leave Marshy Land, Course N. and S.

40.00 Set temporary ¼ Sec. Cor.

61.00 Cross Wash, 40 lks. wide, Course N. 15° W.

79.85 Intersect N. & S. line, 45 lks. North of cor. to secs. 28, 29, 32 & 33 from which corner, I run N. 89° 41' W. on a true line between sections 29 and 32.

Variation 15° 30' East

39.92 Set a Sand stone 14 x 12 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

79.85 The corner to sections 29, 30, 31 and 32.

Land level.

Soil 3rd rate

Vegetation Bunchgrass and Sagebrush.

L. W. Baker, Oct. 11th 1862.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	West, on a random line between Sections 30 and 31. Variation 15° 45' East.
3.50	Leave Flat bears N. W. and S. E. and ascend.
7.30	Top of Spur, bears N. W. and S. E. and descend.
18.00	Enter Flat bears S. W. and N. E.
40.00	Set temporary ¼ Sec. Cor.
75.63	Intersect W. B. of Tp. 58 lks. South of cor. to secs. 25, 30, 31 & 36, from which corner, I run N. 89° 38' E. on a true line, between sections 30 and 31, Variation 15° 45' East.
35.63	Set a Sand stone 16 x 12 x 8 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.
75.63	The corner to sections 29, 30, 31 and 32. Land level and rolling. Soil Sandy rate Vegetation of Bunchgrass and Sagebrush. David McKay, Compassman, Oct. 11th 1882.

Township 32 North Range 39 West
6th Principal Meridian

Chains	North, between Sections 29 and 30. Variation 15° 45' East.
4.00	Enter Marsh, Course N. 20° W. and S. 20° E.
38.00	Leave Marsh Course N. 20° W. and S. 20° E. and ascend
40.00	Set a Sand stone 13 x 11 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.
64.50	Top of Ridge, bears E. and W. and descend.
80.00	Set a Sand stone 13 x 7 x 7 ins. 8 ins. in the ground for Cor. to Secs. 19, 20, 29 & 30, marked with 2 notches on S. and 3 notches on E. 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. 42.00 lks. and 38.00 lks. level Soil Sandy rate Vegetation of Bunchgrass and Sagebrush.

Township 32 North Range 39 West

6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15° 50' East.
	Ascend.
12.30	Top of Spur, bears N.W. and S.E, and descend.
27.00	Cross low Sag and ascend.
38.00	Top of Spur, bears N.W. and S.E, and descend.
40.00	Set temporary ¼ Sec. Cor.
61.80	Cross low Sag and ascend.
80.28	Intersect N. & S. line, 19 lks. North of cor. to secs. 20, 21, 28 & 29, from which corner, I run N. 89° 52' W. on a true line between sections 20 and 29. Variation 15° ~~50~~ 52' East
140.11	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.
80.23	The corner to sections 19, 20, 29 and 30. Land mountainous. Soil 3rd rate Vegetation of Bunchgrass and Sagebrush. C. W. Baker, Oct. 11th 1882

Township 32 North Range 39 West

6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15° 50' East.
	Descend.
6.65	Cross Wash, 35 lks. wide, Course N. 11° W. and ascend.
13.60	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ Sec. Cor.
53.80	Cross low Sag and ascend.
75.28	Intersect W. B. of Tp. 3 lks. North of cor. to secs. 19, 24, 25 & 30, from which corner, I run N. 89° 59' E. on a true line, between sections 19 and 30. Variation 15° ~~50~~ 50' East.
35.28	Set a Sand stone 16 x 9 x 7 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.
75.28	The corner to sections 19, 20, 29 and 30. Land mountainous. Soil 3rd rate Vegetation of Bunchgrass and Sagebrush. David W° Kay, Compassman Oct. 11th 1882.

Township 32 North Range 39 West

6th Principal Meridian.

Chains	North, between Sections 19 and 20.
	Variation 15° 50'
	Ascend.
15.00	*Top of Ridge, bears E. and W. and descend.*
17.40	*Cross low Sag and ascend.*
25.70	*Top of Hill bears N.W. and S.E. and descend.*
40.00	*Set a Sand stone 14 x 8 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.* And Enter Wash,
75.00	*Lean Wash, course N. 15° E.*
78.17	*Cross Road, bears E. and W.*
80.00	*Set a Sand stone 14 x 8 x 8 ins. 7 ins. in the ground for Cor. to Secs. 17, 18, 19 & 20, marked with 3 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*
	Land mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass & Sagebrush.

Township 32 North Range 39 West

6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20.
	Variation 14° 35' East.
	Descend.
23.50	*Cross Wash, 35 lks. wide, Course N. 20° E and ascend.*
40.00	*Set temporary ¼ Sec. Cor.*
58.00	*Top of Spur, bears N. and S. and descend.*
79.96	*Intersect N. & S. line, 8 lks. South of cor. to secs. 16, 17, 20 & 21, from which corner, I run*
	S. 89° 57' W. on a true line between sections 17 and 20.
	Variation ~~15° 20'~~ 14° 35' East
39.98	*Set a Sand stone 14 x 8 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.*
79.96	*The corner to sections 17, 18, 19 and 20.*
	Land mountainous.
	Soil 3rd rate
	Vegetation of Bunchgrass & Sagebrush.
	C. W. Baker, Oct. 11th 1882.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	
	West, on a random line between Sections 18 and 19.
	Variation 14° 35' East.
	Over rolling land.
25.00	Cross Road, bears N. 70° W. and S. 70° E.
40.00	Set temporary ¼ Sec. Cor.
61.48	Cross Road, bears N. 65° E. and S. 65° W.
74.64	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° 35'~~ 14° 51' East.
34.64	Set a Sand stone 8 x 8 x 5 ins., 5 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
74.64	The corner to sections 17, 18, 19 and 20.
	Land rolling.
	Soil 3rd rate.
	Vegetation of Bunchgrass and Sagebrush.
	David McKay, Comp assistant.
	Oct 11th 1882.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	
	North, between Sections 17 and 18
	Variation 14° 35' East.
	Over rolling land. and ascend
40.00	Set a Sand stone 18 x 10 x 6 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
42.20	Top of Spur, bears E. and W. and descend.
51.00	Enter Timber at bank of river.
59.13	Cross Niobrara River, 170 lks. wide, Course N. 80 E., and ascend. Timber at banks of River.
80.00	Set a Sand stone 12 x 8 x 8 ins. 8 ins. in the ground for Cor. to Secs. 7, 8, 17 and 18 marked with 4 notches on S. and 3 notches on E. of it, 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 1st rate
	Vegetation of Bunchgrass and Buffalograss.
	Timber of Pine, Cottonwood, Ash and Elm.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	East, on a random line between Sections 8 and 17. Variation 15° 40' East.
	Descend.
8.30	Cross Gulch, 40 lks. wide, Course E. and ascend.
17.20	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ Sec. Cor.
49.40	Cross Niobrara River, 160 lks. wide, Course N. 20° E. and ascend.
58.00	Top of bank, bears N.E. and S.W. Enters flat
80.14	Intersect N. & S. line, 21 lks. North of cor. to secs. 8, 9, 16 & 17, from which corner, I run N. 89° 51' W. on a true line between sections 8 and 17. Variation 15° 40' East
40.07	Set a Sand stone 10 x 8 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 W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.14	The corner to sections 7, 8, 17 and 18. 58.00 Chs. Land mountainous. and 22.14 Chs. flat Soil 1st rate Vegetation of Bunchgrass and Buffalo Grass. C. W. Dakin, Oct. 11th 1882.

Township 32 North Range 39 West
6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18. Variation 15° 40' East.
	Ascend.
12.00	Top of Spur, bears N. and S. and descend.
17.35	Cross Gulch, 20 lks. wide, Course N. and ascend.
28.00	Top of Spur, bears N.W. and S.E. and descend.
40.00	Set temporary ¼ Sec. Cor.
53.00	Cross Creek 40 lks. wide, Course N. 20° E. and ascend.
74.58	Intersect W. B. of Tp. 42 lks. North of cor. to secs. 7, 12, 13 & 18, from which corner, I run N. 89° 41' E. on a true line, between sections 7 and 18. Variation 15° 40' East.
34.58	Set a Sand stone 9 x 9 x 8 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
74.58	The corner to sections 7, 8, 17 and 18. Land mountainous. Soil 3rd rate Vegetation of Bunchgrass and Buffalo Grass. Davis Mc Kay, Compassman, Oct. 11th 1882.

Township 32 North Range 39 West

6th Principal Meridian.

Chains

North, between Sections 7 and 8.

Variation 15° 48' East.

Ascend.

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

17.50 *Cross Wash, 30 lks. wide, Course S. 35° W. and ascend.*

32.00 *Cross Road, bears E. and W.*

40.00 *Set a Sand stone 12 x 9 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.*

80.00 *Set a Sand stone 16 x 11 x 8 ins. 11 ins. in the ground for Cor. to Secs. 5, 6, 7 and 8 marked with 6 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.

Soil 3rd rate

Vegetation Bunchgrass and Sagebrush.

Township 32 North Range 39 West

6th Principal Meridian.

Chains

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

Variation 15° 50' East.

Descend.

22.54 *Cross Gulch, 60 lks. wide, Course S. and ascend.*

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

40.00 *Set temporary ¼ Sec. Cor.*

61.95 *Cross Wash, 20 lks. wide, Course S. and ascend.*

80.21 *Intersect N. & S. line, 79 lks. North of cor. to secs. 4, 5, 8 and 9, from which corner, I run*

N. 89° 26' W. on a true line between sections 5 and 8.

Variation 15° 50' East

40.10 *Set a Sand stone 10 x 7 x 7 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.*

80.21 *The corner to sections 5, 6, 7 and 8.*

Land mountainous.

Soil 3rd rate

Vegetation Bunchgrass and Sagebrush.

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

C. W. Dakin, Oct. 11th 1882.

Township 32 North Range 39 West

6th Principal Meridian.

Chains

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

Variation 15° 50' East.

Ascend.

8.30 Top of Spur, bears N. and S. and descend.

19.23 Cross Wash, 35 lks. wide, Course S. and ascend.

31.60 Top of Spur, bears N. and S. and descend.

40.00 Set temporary ¼ Sec. Cor.

74.05 Intersect W. B. of Tp. 53 lks. North of cor. to secs. 1, 6, 7 & 12, from which corner, I run N. 89° 36' E. on a true line, between sections 6 and 7,

Variation 15° 50' East.

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

Wash, 40 lks. wide, Course N. and ascend.

74.05 The corner to sections 5, 6, 7 and 8.

Land mountainous.

Soil 3rd rate

Vegetation of Bunch grass and Sagebrush.

Township 32 North Range 39 West

6th Principal Meridian.

Chains

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

Variation 15° 50' East.

Ascend.

18.00 Top of Ridge, bears E. and W. and descend.

28.31 Cross low Sag and ascend.

40.00 Set a Sand stone 10 x 8 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.

55.20 Intersect the 8½ Standard Parallel North, at a point 12.61 chs. West of the Standard Cor. to Secs. 32 and 33. T. 33 N., R. 39 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. 39 W., on N., 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. N, E & W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous.

Soil 3rd rate

Vegetation of Bunch grass and Buffalo grass.

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

David McKay, Compassman, Oct. 11th 1882.

GENERAL DESCRIPTION.

The lands in the Central and Southern Parts of this Township, is generally mountainous, with 3rd rate soil, which produces Bunchgrass and Sagebrush. In the Northern part, the land is rolling and level, with 1st and 2nd rate soil, producing excellent Bunchgrass, Bluegrass and Buffalo grass. Along the banks of the Niobrara River, which flows through the Northern portion of the Tp. is found timber of Cottonwood, Alder, Elm and Ash.

The Township is well watered by Niobrara River and numerous Creeks. It is valuable for grazing and well adapted to agriculture, particularly the Northern part.

Several good Wagon roads, traverse the Tp.

Sandstone is found in all sections, nearly all the corners being constructed of it.

Mr. B. Erwin's house and improvements are in Sec. 15.

There is a large Spring in Sec. 23.

There is a large Marsh in the Southwestern part of the Tp.

U. S. Surveyor General's Office.

Plattsmouth Neb 1883

The foregoing Field Notes of the surveys of

The Subdivision lines of
Township No 32 North of
Range No 37 West of the
Principal Base *Meridian*

in The State of Neb *executed by*

Charles W. Catlin

U. S. Deputy Surveyor, under his contract No 103 dated

Feb 2 1882 in the Mo of Oct 1882

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

L 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.