General Land Office • Original Field Notes

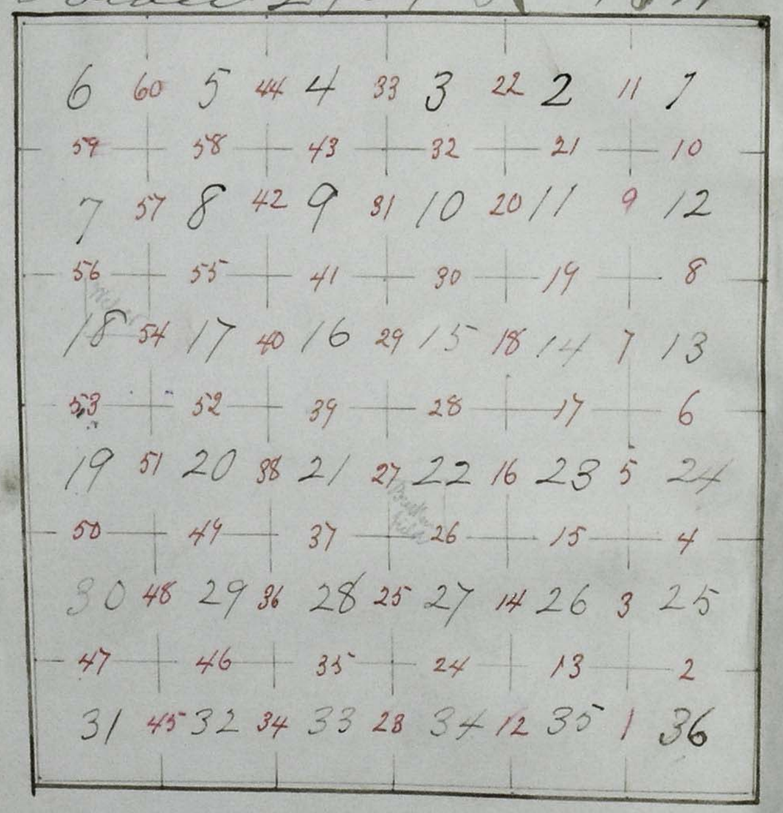
Book Number

668

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.

Index Diagram
Town 29 N R 46 W



Field Notes of the Survey of the Subdivisional Lines of Township No 29 North of the Base of Range No 46 west of the 6th Principal Meridian in Nebraska, Surveyed by Charles R. Starkweather under joint Contract No 111 wherein Nicholas J. Paul and Charles R. Starkweather are joint Contractors with Geo. S. Smith United States Surveyor General ~~for~~ the District of Nebraska and bearing date the 30th day of June A.D. 1879

Survey Commenced Sept. 13th 1879
Survey Completed Sept. 17th 1879

Names and duties of Assistants

David Davis Chainman
Horace G. Seeley Chainman
R. R. Crow Cornerman
Edwin Turner Cornerman
Jacob Smith Flagman

We hereby Certify that we assisted Charles R Storkweather, Deputy Surveyor, in Surveying and subdividing Township number Twenty nine North of the Base Line of Range number Forty-six West of the 6th Principal Meridian in the State of Nebraska and that said Township has been in all respects to the best of our knowledge and belief well and faithfully surveyed and the Boundary Monuments planted according to the instructions furnished by the Surveyor General of dimesions, character construction and marking and in the manner as specifically described in the foregoing field notes

David Davis Chainman
Horace G. Seeley Chainman
R. R. Cross Cornerman
Erwin Turner Cornerman
Jacob Smith Flagman

Signed in my presence and sworn to before me this 30 day of Sept 1879

A. J. Kendall
Clerk Dist Ct

To determine the proper adjustment of my Compass for Subdividing this Township I commence at the Corner to Townships 24 North of Ranges 45 and 46 on the 4th Standard Parallel North and run North on a blank line between Sections 31 and 36

va 15°20' E

3998 To a point 10 links west of the 1/4 Sec Cor

7997 To a point 23 links west of the Corner to Sections 25. 30 31 and 36

To retrace this line or run parallel thereto my Compass must be adjusted to a variation of 15° 10' E

Township 29 N R 46 W. 6th P M

From the Standard Corner
to Sections 35 and 36 on
the 7th Standard parallel N.
which is a mound with pits
~~I found~~ in good Con
dition. I run
North between Sections 35 and 36
Va 15° 10' E
4000 Deposited charred stake
raised mound of earth 2½
feet high from pits 18 x 24
x 12 in dep for 1/4 Sec Cor
8000 Deposited charred stake
raised mound of earth 2½ ft
high from pits 18 x 22 x 12 in
dep for Corner to Sections
25. 26. 35 and 36 Drove
marked willow post 2 x 2 x 24
in 1 ft dep in SE pit

Gently rolling Clay Soil
First rate land

Township 29 N. R 46 W. 6th P.M.

East on a random line
between Sections 25 and 36
Va 15° 10' E
4000 Set temporary 1/4 Sec Cor
8020 Intersected the East boundary of
the Township 58 links South
of the Corner to Sections 25 and 36
which is a mound with pits in good Conditions
from which Corners
run
South 89° 35 West on a true
line between Sections 25 and 36
Va 15° 10' E
4020 Deposited charred stake raised
mound of earth 2½ feet high from
pits 18 x 24 x 12 in dep for 1/4
Sec Cor
8020 The Corner to Sections 25. 26.
~~Deposited charred stake~~
35 and 36

Rolling Clay land
First rate

Township 29 N. R 46 W. 6 P.M.

North between Sections 25 and 26
ra 16° 05' E

4000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18x24
x12 in deep for 1/4 Sec Cor

8000 Deposited Charred stake
raised mound of earth 2½
feet high from pits 18x24
x12 in deep for Corner to Sections
23. 24. 25 and 26

Drove marked Cottonwood
post 2x2x24 in 1ft deep
in S.E. pit

Gently rolling clay loam
& instrate

Township 29 N R 46 W 6th P.M.

East on a random line
between Sections 24 and 25
ra 15° 30' E

4000 Set temporary 1/4 Sec Cor

8014 Intersected the East boundary
of the Township 16 links North of
the Corner to Sections 24 and 25
which is a mound of stone pits in good condition
from which Corner I run
North 89° 54' West on a true
line between Sections 24 and 25
ra 15° 30' E

4007 Deposited Charred Stake raised
mound of earth 2½ feet high
from pits 18x24x12 in deep
for 1/4 Sec Cor

8014 The Corner to Sections 23, 24
25 and 26

Gently rolling clay loam
fin strate

Township 29 N R 46 W 6th PM

North between Sections 23 and 24
va 15 05' E

3500 Leave upland and enter River valley bis NE and SW

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24x12 in deep for ¼ Sec Cor

5940 Niobrara River 280 links wide, runs East

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24x12 in deep for Corner to Sections 13, 14, 23 and 24
Drove marked willow post 2x2x24 in 1 ft deep in SE pit

River valley Sandy 2nd rate upland Clay Soil firstrate a few small Cottonwoods on S. bank of River

Township 29 N R. 46 W 6th PM

East on a random line between Sections 13 and 24
va 15° 30' E

4000 Set temporary ¼ Sec Cor

5740 Wagon Trail bis SE and SW. N.W.

8032 Intersected the East boundary of the Township 28 links North of the Corner to Sections 13 and 24
which is a mound with pits in good condition
from which Corner I run North 89° 48' West on a true line between Sections 13 and 24
va 15° 30' E

4016 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24x12 in deep for ¼ Sec Cor

8032 The Corner to Sections 13, 14, 23 and 24

W 20 chs gently rolling bal-undulating Clay and Sandy Soil firstrate

Township 29 N. R 46 W 6th PM

North between Sections 13 and 14
v a 15° 05' E

1770 Wagon Trail bns E & W

4000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor

8000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 11. 12. 13 and 14
Drove pine post 2 x 2 x 24 in 1 ft. deep in S.E. pit

Undulating Clay soil
firstrate

Township 29 N. R 46 W. 6th PM

East on a random line between Sections 12 and 13
v a 15° 20' E

4000 Set temporary ¼ Sec Cor

8020 Intersected the East boundary of the Township 30 links North of the Corner to Sections 12 and 13 which is a mound with pits in good condition from which Corner I run
North 89° 47' West on a true line between Sections 12 and 13
v a 15° 20' E

4010 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor

8020 The Corner to Sections 11. 12 13 and 14

Undulating surface
firstrate land

Township 29 N. R 46 W 6th P.M.

North between Sections 11 and 12
va 14° 55' E

4000 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ sec cor

8000 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for corner to Sections 1. 2. 11 and 12
Drove Cottonwood post 2 x 4 x 24 in 1 ft deep in S.E. pit

Undulating Clay land
Firstrate land

Township 29 N. R 46 W. 6th P.M.

East on a random line between Sections 1 and 12
va 15° 20' E

4000 Set temporary ¼ sec cor

7984 Intersected the East boundary of the Township 42 links North of the Corner to Sections 1 and 12 which is a mound with pits in good condition from which Corner I run
North 89° 42' West on a true line between Sections 1 and 12
va 15° 20' E

3992 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ sec cor

7984 The Corner to Sections 1. 2. 11 and 12

Undulating Surface Clay loam Firstrate land

Township 29 N. R 46 W. 6th PM

North on a random line between Sections 1 and 2
va 14° 55' E

4000 Set temporary 1/4 Sec Cor

7967 Intersected the North boundary of the Township 62 links East of the Corner to Sections 1 and 2, which is a Mound with pits in good Condition from which Corner I run

South 27' East on a true line between Sections 1 and 2
va 14° 55' E

3967 Deperited Charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7967 The Corner to Sections 1. 2. 11 and 12

Gently rolling Clay loam Firstrate soil

Sept 13th 1879

Township 29 N. R 46 W. 6th PM

From the Standard Corner to Sections 34 and 35 which ~~I found~~ is a mound with pits ~~in good Condition~~ in good Condition with Cold post in East pit I run

North between Sections 34 and 35
va 15° 05' E

4000 Deperited Charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deperited Charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 26. 27 34 and 35

Gently rolling Clay and Sandy soil firstrate land

Township 29 N. R 46 W 6th PM

East on a random line between Sections 26 and 35 — va 15° 30' E

4000 Set temporary 1/4 Sec Cor

8010 Intersected the N and S line 20 links South of the Corner to Sections 25 & 26 25 and 36 from which Corner I view

South 89° 51' West on a true line between Sections 26 and 35 — va 15° 30' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8010 The Corner to Sections 26. 27. 34 and 35

West 40 chains Secondarily
East 40 " Firstrate

Township 29 N. R 46 W 6th PM

North between Sections 26 and 27 va 15° East —

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 2. 2. 23. 26 and 27

Drove Cottonwood post 2 x 2 x 24 in 1 ft deep in S.E. pit

Gently rolling Clay and sandy Soil
Secondrate

Township 29 N. R 46 W 6th PM

	East on a random line between Sections 23 and 26
	r a 15° 25' E
4000	Set temporary 1/4 Sec Cor
8006	Intersected the N and S line 12 links North of the Corner to Sections 23, 24, 25 and 26 from which Corner I run North 89° 55' West on a true line between Sections 23 and 26
	r a 15° 25' E
4003	Deposited Charred Stake raised Mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
8006	The Corner to Sections 22 23 26 and 27

Surface gently rolling
Good Second rate

Township 29 N. R 46 W. 6th PM

	North between Sections 22 and 23
	r a 15° 00' E
4000	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
6500	Leave upland and enter River valley bns E and W
7815	Niobrara River 285 links wide and runs east
8000	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 14, 15, 22 and 23 Drove marked pine post 2 x 2 x 24 in 1 ft deep in SE pit

upland Clay and sandy soil
good Second rate
valley sandy soil Second rate

Township 29 N. R 46 W. 6th P.M.

East on a random line between Sections 14 and 23
& a 15° 25' E

4000 Set temporary 1/4 Sec Cor

8016 Intersected the N and S line 6 links South of the Corner to Sections 13. 14. 23 and 24 from which Corner Drain South 89° 57' West on a true line between Sections 14 and 23
& a 15° 25' E

4008 Deposited Charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8016 The Corner to Sections 14, 15, 22 and 23

W 30 chs river valley
Sandy Secondrate
Balance rolling

Township 29 N. R 46 W. 6th P.M.

North between Sections 14 and 15
& a 15° East

700 Leave river valley and enter upland bes East & West

1570 Wagon trail bes E & W

4000 Deposited Charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 10, 11 14 and 15

Drove marked pine post 2 x 2 x 24 in 1 ft deep in S.E. pit

valley gently rolling Sandy Secondrate
Balance Clay and sandy soil first rate

Township 29 N. R 46 W. 6th P.M.

		East on a random line between Sections 11 and 14 Va 15° 20' E
4	4000	Set temporary 1/4 Sec Cor
8	80 20	Intersected the N and S line at Corner to Sections 11, 12, 13 and 14 from which Corner Iron West on a true line between Sections 11 and 14 Va 15° 20' E
4	4010	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
80	80 20	The Corner to Sections 10, 11, 14 and 15

Undulating Surface
Clay Soil
Firestrate land

Township 29 N. R 46 W. 6th P.M.

		North between Sections 10 and 11 Va 15° 20' E
4000		Deposited Charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
8000		Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 2, 3, 10 and 11
		Drove Marked Pine post 2 x 2 x 24 in 1 ft deep in S.E. pit

Undulating Clay land
Firestrate Soil

Township 29 N R 46 W 6th P M

		East on a random line between Sections 2 and 11 Va 15° 20' E
4	4000	Set temporary 1/4 Sec Cor
8	8034	Intersected the N. and S. line 26 links North of the Corner to Sections 1, 2, 11 and 12 from which Corner Drum North 89° 49' West on a true line between Sections 2 and 11 Va 15° 20' E
4	4017	Deposited Charred Stake raised mound of earth 2 1/4 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
8	8034	The Corner to Sections 2. 3. 10 and 11

Undulating Clay Soil
Firstrate Land

Township 29 N. R 46 W 6 P M

	North on a random line between Sections 2 and 3 Va 15° 00' E
4000	Set temporary 1/4 Sec Cor
6100	Small Drain B N.E.
7940	Intersected the North boundary of the Township 34 links East of the Corner to Sections 2 and 3, which is a Marked Pit pits, in good Condition from which Corner Drum South 15' East on a true line between Sections 2 and 3 Va 15° E
3940	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7940	The Corner to Sections 2. 3 10 and 11

Gently rolling Clay Soil
Firstrate

Township 29 N. R 46 W. 6th PM

From the Standard Corner to Secs. 33 & 34 on 7th Std. P.M. which is a mound with pits in good condition I run

North between Sections 33 and 34

Va 15° 05' E

4000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 27. 28. 33 and 34

Drove Marked Pine post 2 x 2 x 24 in 1 ft. deep in S.E. pit

Gently rolling Surface Clay soil Second rate

Township 29 N. R 46 W. 6th PM

East on a random line between Sections 27 and 34

Va 15° 20' E

4000 Set temporary 1/4 Sec Cor

7982 Intersected the N and S. line 18 links North of the Corner to Sections 26. 27. 34 and 35 from which Corner I run North 89° 52' West on a true line between Sections 27 and 34

Va 15° 20' E

3991 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7982 The Corner to Sections 27. 28. 33 and 34

Gently rolling Clay and Sandy soil

Good Second rate

Sept 14th 1879

Township 29 N. R 46 W. 6th PM

North between Sections 27 and 28

va 15° 06' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 21. 22. 27 and 28

Drove Marked Pine post 2 x 2 x 24 in 1 ft. deep in S.E. pit

Gently rolling clay soil
Good Second rate

Township 29 N. R 46 W. 6th PM

East on a random line between Sections 22 and 27

va 15° 20' E

4000 Set temporary ¼ Sec Cor

7958 Intersected the N and S. line 12 links North of the Corner to Sections 22. 23. 26 and 27 from which Corner drove North 89° 55' West on a true line between Sections 22 and 27

va 15° 20' E

3979 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor

7958 The Corner to Sections 21. 22. 27 and 28

Good Second rate land

Township 29 N. R 46 West 6th PM

North between Sections
21 and 22
va 15° 10' E

1	4000	Deposited Charred Stake
8		raised mound of earth 2½
		feet high from pits 18 x 24
		x 12 in deep for 1/4 Sec Cor
	5800	Leave wpland and enter
		River valley bes E and W
	6462	Niobrara River 208 links
		wide and runs east
4	8000	Deposited Charred Stake
		raised mound of earth
		2½ feet high from pits
		18 x 24 x 12 in deep for Corner
8		to Sections 15. 16. 21 and 22
		Drove pine post 2 x 2 x
		24 in 1 ft deep in S.E. pit

valley Sandy Thirdrate
balance good secondrate

Township 29 N. R 46 W. 6th PM

East on a random line
between Sections 15 and 22
va 15° 20' E

4000	Set temporary 1/4 Sec Cor
7964	Intersected the North and
	South line 28 links North
	of the Corner to Sections. 14
	15. 22 and 23 from which
	Corner Drove
	North 89° 48' West on a true line
	between Sections 15 and 22
	va 15° 20' E
3483	Deposited Charred Stake
	raised mound of earth
	2½ feet high from pits
	18 x 24 x 12 in 1 ft deep for
	1/4 Sec Cor
7966	The Corner to Sections 15. 16
	21. and 22

W 20 chains Thirdrate
balance good Secondrate

Township 29 N. R 46 W 6th P.M.

North between Sections 15 and 16

Va 15° 10' E

335 Wagon Road bis S E and N W

1400 Leave valley and enter upland

3900 Drain Course S.E.

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 sec Cor

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 9. 10. 15 and 16

Drove marked Pine post 2 x 2 x 24 in 1 ft deep for S.E. pit

valley sandy Third rate balance Gently rolling first rate soil

Township 29 N. R 46 W 6th P.M.

East on a random line between Sections 10 and 15

Va 15° 25' E

1730 Drain Course S.E.

4000 Set temporary 1/4 sec Cor

7956 Intersected the N. and S. line 16 links South of the Corner to Sections 10. 11. 14 and 15 from which Corner drove South 89° 53' West on a true line between Sections 10 and 15

Va 15° 25' E

3978 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 sec Cor

7956 The Corner to Sections 9. 10 15 and 16

undulating surface, dark clay loam first rate land

Township 29 N. R 46 W. 6 P.M.

North between Sections 9 and 10
Va 15° 15' E
2000 Small Drain Course S.E.
4000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x
24 x 12 in deep for 1/4 Sec Cor
8000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24
x 12 in deep for Corner to
Sections 3. 4. 9 and 10.
Drove marked Pine post
2 x 2 x 24 in 1 ft deep in
SE pit

Undulating Surface
Clay Soil first rate

Township 29 N. R 46 W. 6th P.M.

East on a random line
between Sections 3 and 10
Va 15° 25' E
4000 Set temporary 1/4 Sec Cor
7980 Intersected the N. and S.
line 14 links South of
the Corner to Sections 2. 3.
10 and 11 from which
Corner drove
South 89° 54' West on a true
line between Sections 3 and
10
Va 15° 25' E
3990 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x
24 x 12 in deep for 1/4 Sec Cor
7980 The Corner to Sections 3. 4
9 and 10

Clay loam first rate
land

Township 29 N. R 46 W 6th P.M.

North on a random line between Sections 3 and 4
va 15° 25' E

3800 Drain Course N.E.
40.00 Set temporary 1/4 Sec. Cor.
7968 Intersected the N. boundary of the Township 22 links East of the Corner to Sections 3 and 4, which is a mound with pits, in good condition, from which Corner
Drum
South 9' East on a true line between Sections 3 and 4
va 15° 15' E

3968 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in 1 ft deep in S.E. pit
79.68 Corner to Secs. 3. 4. 9 & 10

South 4 & Chs undulating Clay loam first rate
North 40 Gently rolling Good Second rate

Township 29 N. R 46 W 6th P.M.

From the Standard Corner to Sections 32 and 33 on the 7th Standard Parallel, which I found standing with Cot'd post 2 x 2 x 24 in in East pit
Drum
North between Sections 32 and 33
va 15° 25' E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep fa 1/4 Sec Cor
8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep fa Corner to Sections 28. 29 32 and 33 Drove Marked Cottonwood post 2 x 2 x 24 in 1 ft deep in S.E. pit

Gently rolling Clay land Good Second rate land

Township 29 N R 46 W 6th P.M.

	Easton a random line between Sections 28 and 33 ra 15° 25' E
4000	Set temporary 1/4 Sec Cor
7994	Intersected the M. and S. line 8 links South of the corner to sections 27. 28. 33 and 34 from which corner I run South 89° 57' West on a random line between Sections 28 and 33 ra 15° 25' E
3999	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7994	The Corner to Sections 28. 29. 32 and 33
	Clay land Good Second rate

Township 29 N. R 46 W. 6 P.M.

	North between Sections 28 and 29 ra 15° 06' E
4000	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
8000	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 20. 21. 28 and 29 Drove marked Pine post 2 x 2 x 24 in 1 ft deep for SE. pit
	Quite rolling Clay Good Second rate land

Township 29 N. R 46 W. 6th P.M.

East on a random line between Sections 21 and 28
va 15° 25' E

4000 Set temporary 1/4 Sec Cor
7980 Intersected the N. and S. line 26 links North of the Corner to Sections 21. 22 27 and 28 from which Corner I run
North 89° 49' West on a true line between Sections 21 and 28
va 15° 25' E

3990 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7980 The Corner to Sections 20 21 28 and 29

Gently rolling Good Second rate

Township 29 N. R 46 W 6th P.M.

North between Sections 20 and 21
va 15° 10' E

4000 Deposited Charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
5400 Leave upland and enter River valley vns E & W
6420 Niobrara River 120 links wide and runs N.E.
6900 Pond 30 links wide
8000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 16. 17. 20 and 21
Drove Marked Pine post 2 x 2 x 24 in 1 ft deep in S E pit

Valley Sandy soil Thin drate bal good Second rate
few small Cottonwoods on North Bank.

Sept 15th 1879

Township 29 N. R 46 W 6th PM

East on a random line between Sections 16 and 21 va 15° 30' E

1200 Wagon trail bns S E and N W
2210 Same trail bns S W and N E
4000 Set temporary 1/4 Sec Cor
4600 Leave valley and enter upland bns S E and N W,
6800 Leave upland and enter valley bns S W and N E
7994 Intersected the N and S line 20 links north of the corner to Sections 15. 16. 21 and 22 from which Corner ~~to Sections~~
Down
North 89° 57' West on a true line between Sections 16 and 21 va 15° 30' E
3997 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor
7994 The Corner to Sections 16. 17. 20 and 21
River valley sandy Thirdrate
balance good Second rate

Township 29 N. R 46 W 6th PM

North between Sections 16 and 17 va 15° 10' E

20 Wagon trail E & W
1000 Leave valley and enter upland bns E and N
4000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor
8000 Deposited Charred stake raised mound 2½ feet high from pits 18 x 24 x 12 in dep for Corner to Sections 9. 10. 16 and 17 Drove Marked Pine post 2 x 2 x 24 in 1 ft dep ~~the~~ S.E. pit

valley Thirdrate
Balance firstrate

Township 29 N. R 46 W 6th P.M.

	East on a random line between Sections 4 and 16 Va 15° 30' E
4000	Set an per ay 1/4 Sec Cor
7972	Intersected the N and S. line 8 links North of the Corner to Sections 9, 10, 15 and 16 from which Corner I run North 89° 57' West on a true line between Sections 9 and 16 Va 15° 30' E
3986	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7972	The Corner to Sections 8, 9 16 and 17

undulating Surface
Fastrate land

Township 29 N R 46 W 6th P.M.

	North between Sections 8 and 9 Va 16° 15' E
4000	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
6400	Small drain Course S E
8000	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 4, 5, 8 and 9 drove Pine post 2 x 2 x 24 in 1 ft. deep in S.E. pit

Dark Clay Soil undulating Surface Firstrate Soil

Township 29 N. R 46 W. 6 P.M.

East on a random line between Sections 4 and 9
Va 15° 30' E

4000 Set temporary 1/4 Sec Cor
7984 Intersected the N and S. line 32 links North of the Corner to Sections 3, 4, 9 and 10 from which Corner I run North 89° 46' West on a true line
Va 15 30' E

3992 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for 1/4 Sec Cor
7984 The Corner to Sections 4 5 8 and 9

Undulating dark clay soil
Firstrate land

Township 29 N. R 46 W. 6th P.M.

North on a random line between Sections 4 and 5
Va 15° 15' E

4000 Set temporary 1/4 Sec Cor
7940 Intersected the ~~North and South line~~ North boundary of the Township 26 links East of the Corner to Sections 4 and 5 which is a mound with pits in good condition from which Corner I run South 18' East on a true line between Sections 4 and 5
Va 15° 15' E

3940 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for 1/4 Sec Cor
7940 The Corner to Sections 4. 5 8 and 9

South 70 chains firstrate land bal. good Secondrate

Township 29 N. R 46 W 6th P.M.

From the Standard Cor to Secs 31 & 32 on 7th Std Parallel N. which is a Mound with pits in good condition.

Trim	North between Sections 31 and 32
	va 15° 10' E
4000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
8000	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 29. 30. 31 and 32

Gently rolling Clay Soil
Good Second rate land

Township 29 N. R 46 W 6th P.M.

	East on a random line between Sections 29 and 32
	va 15° 30' E
4000	Set temporary ¼ Sec Cor
8012	Intersected the N and S. line 18 links South of the Corner to Sections 28. 29. 32 and 33 from which Corner drew South 89° 52' West on a true line between Sections 29 and 32
	va 15° 30' E
4006	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
8012	~~Deposited Charred Stake raised mound of earth 2½ feet high from~~ ~~for~~ The Corner to Sections 29. 30. 31 and 32

Gently rolling Second rate

Township 29 N. R 46 W. 6 PM

West on a random line
between Sections 30 and 31
va 15° 30' E

4000 Set temporary 1/4 Sec Cor
8008 Intersected the West boundary
of the Township 20 links North
of the Corner to Sections 30 and 31
which is a mound with pits in good Condition
from which Corner
Drum
North 89° 57' East on a true line
between Sections 30 and 31
va 15° 30' E

4008 Deposited Charred Stake
raised mound of earth 2½ feet
high from pits 18 x 24 x 12 in
dug for 1/4 Sec Cor

8008 The Corner to Sections 29, 30
31 and 32

Gently rolling Second rate

Township 29 N. R 46 W. 6 PM

North between Sections 29 and 30
va 15° 00' E

4000 Deposited Charred Stake
raised mound of earth 2½ feet
high from pits 18 x 24 x 12 in
dug for 1/4 Sec Cor

8000 Deposited Charred Stake
raised mound of earth 2½ feet
high from pits 18 x 24 x 12
in dug for Corner to Sections
19, 20, 29 and 30
Drove Pine post 2 x 2 x 24 in
1 ft dug in SE pit

Gently rolling good Second rate

Township 29 N. R 46 W 6th PM

East on a random line
between sections 20 and 29
Va 15° 30' E

4000 Set temporary 1/4 Sec Cor
8020 Intersected the N and S.
line at the Corner to sections
20. 21. 28 and 29 from which
Corner I run
West on a true line between
sections 20 and 29
Va 15° 30' E

4010 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24 x 12
in dep for 1/4 Sec Cor
8020 The Corner to Sections 19. 20.
29 and 30

Quite rolling Second rate

Township 29 N. R 46 W 6th PM.

West on a random line
between Sections 19 and 30
Va 15° 30' E

4000 Set temporary 1/4 Sec Cor
7984 Intersected the West boun-
dary of the Township 20 links
North of the Corner to sections
19 and 30 from which
Corner I run
North 89° 51' East on a true
line between Sections 19 and 30
Va 15° 30' E

3984 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24
x 12 in dep for 1/4 Sec Cor
7984 The Corner to Sections. 19. 20
29. and 30

Quite rolling Second
rate

Township 29 N. R 46 W 6 PM.

North between Sections 19 and 20
va 15° 05' E

2700 Leave upland and enter valley
brs NE and SW

3555 Niobrara River Course NE
Deposited Charred Stake
raised mound of Earth 2½
feet high from pits 18 x 24 x 12
in deep for Witness Corner
to 1/4 Sec Cor

4870 Deposited Charred Stake
raised mound of earth 2½ feet
high from pits 18 x 24 x 12 in deep
on left bank of Niobrara River
for Witness Corner to 1/4 Sec Cor

6150 wagon road brs E & W

8000 Deposited Charred Stake raised
mound of earth 2½ ft high from
pits 18 x 24 x 12 in deep for Corner
to sections 17. 18. 19 and 20
Drove marked Cottonwood post 2 x 2 x 24
in 1 ft deep in S. E. pit
Second rate land

Township 29 N. R 46 W 6 PM

East on a random line
between Sections 17 and 20
va 15° 30' E

980 wagon trail brs NE and SW

4000 Set temporary 1/4 Sec Cor

7994 Intersected the N. and S line
16 links South of the Corner to
Sections 16. 17. 20 and 21
from which Corner I run
South 89° 53' West on a true line
between Sections 17 and 20
va 15° 30' E

3997 Deposited Charred Stake raised
mound of earth 2½ feet high from
pits 18 x 24 x 12 in deep for
1/4 Sec Cor

7994 The Corner to Sections 17. 18. 19 and 20

River valley Second rate
willow brush along North
bank of River

Sept 16th 1879

Township 27 N R 4 E W. 6th P.M.

West on a random line between
Sections 18 and 19
va 15° 30' E

230 Leave valley and enter upland N. and S.

4000 Set temporary 1/4 Sec Cor

8040 Intersected the western boundary
of the Township at the Corner
which is a mound with pits in good condition
to Sections 18 and 19,
from which Corner
Drew
East on a true line between
Sections 18 and 19
va 15° 30' E

4040 Depositing charred Stake
raised mound of earth 2½
feet high from pits 18 x 24 x 12
in deep for 1/4 Sec Cor

5040 The Corner to Sections 17. 18. 19
and 20

Valley Second rate timber
Uplands first rate

Township 27 N. R 4 6th P.M.

North between Sections 17 and 18
va 15° 10' E

1450 Leave valley and enter upland
trs E and W

4000 Depositing charred Stake
raised mound of earth 2½ feet
high from pits 18 x 24 x 12 in
deep for 1/4 Sec Cor

8000 Depositing charred Stake raised
mound of earth 2½ feet high
from pits 18 x 24 x 12 in deep
for Corner to Sections 7. 8. 17
and 18

Drove marked Pine post
2 x 2 x 24 in 1 ft deep in S Pit

Valley Second rate timber
Upland Clay loam
first rate

Township 29 N R 46 W. 6 PM.

East on a random line between Sections 8 and 17 Va 15° 30' E

4000 Set temporary 1/4 Sec Cor

8000 Intersected the N and S line 24 links North of the Corner to Sections 8. 9. 16 and 17 from which Corner Drum North 89° 50' West on a true line between Sections 8 and 17 Va 15° 30' E

4000 Depositing Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor

8000 The Corner to Sections 7. 8 17 and 18

West 40 chains
Rolling Clay ~~land~~
Good Secondrate
E 40 firstrate

Township 29 N. R 46 W 6th P.M.

West on a random line between Sections 7 and 18 Va 15° 30' E

112.5 Drain Course S.E.

4000 Set temporary 1/4 Sec Cor

7974 Intersected the West boundary of the Township 14 links North of the Corner to Sections 7 and 18 which is a mound with pits in good condition from which Corner Drum North 89° 54' East on a true line between Sections 7 and 18 Va 15° 30' E

39.74 Deposition Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor

7974 The Corner to Sections 7. 8 17 and 18

Rolling Surface
Clay Soil
Good Secondrate

Township 29 N. R 46 W 6 P.M.

North between Sections 7 and 8

Va 15° 30' E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 5. 6. 7 and 8

Drove marked pine post 2 x 2 x 24 in 1 ft deep in S E pit

Rolling Clay land
Second rate

Township 29 N. R 46 W 6th P.M.

East on a random line between Sections 5 and 8

Va 15° 30' E

4000 Set temporary ¼ Sec Cor

8010 Intersected the N and S. line 16 links North of the Corner to Sections 4. 5. 8 and 9

from which corner drove North 89° 53' West on a true line between Sections 5 and 8

Va 15 30' E

4005 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor

8010 The Corner to Sections 5. 6. 7 and 8

W 60 chs Good Second rate
Oak fur trate land

Township 29 N. R 46 W 6th PM

	West on a random line between Sections 6 and 7
	Va 15° 30' E
4000	Set temporary 1/4 Sec Cor
8006	Intersected the West boundary of the Township 35 links North of the Corner to Sections 6 and 7 which is a mound with pits in good condition from which Corner I run
	North 89° 45' East on a true line between Sections 6 and 7
	Va 15° 30' E
4006	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep from 1/4 Sec Corner
8006	The Corner to Sections 5. 6 7 and 8
	Secondrate land

Township 29 N. R 46 W 6th PM

	North on a random line between Sections 5 and 6
	Va 15° 15' E
4000	Set temporary 1/4 Sec Cor
7938	Intersected the North boundary of the Township 35 links West of the the Corner to Sections 5 and 6 which is a mound with pits in good condition from which Corner I run
	South 15' West on a true line between Sections 5 and 6
	Va 15° 15' E
3938	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep fm 1/4 Sec Cor
7938	The Corner to Sections 5. 6. 7 and 8
	Sept. 17th 1879
	Clay Soil Gently rolling Good Secondrate. Sept 17th 1879
	~~Note All corners found on exterior in good condition and agreeing with descriptions furnished by the Surveyor Generals Office~~

General Description.

This is a good Township the land is good for farming purposes

It is watered by the Niobrara River which courses thru the Township from West to East

The Surface is undulatory or gently rolling and the soil is generally of a dark clay loam. Along the river the land is some sandy

Except a few cottonwood trees and willows along the river there is no timber of any consequence

List of Names

A list of the names of the individuals employed to assist in running, measuring or marking the lines and corners described in the foregoing field notes of Township No 29 North of the Base line of Range No 4 6 West of the 6th Principal Meridian showing the respective capacities in which each acted

David Davis	Chainman
Horace G. Seley	Chainman
R.R. Crow	Cornerman
Edwin Turner	Cornerman
Jacob Smith	Flagman

I Charles R Starkweather
Deputy Surveyor do Solemnly
swear that in pursuance of a
joint Contract wherein Nicholas
J. Paul and Charles R. Starkweather
are joint Contractors with
Geo. L. Smith United States Surveyor
General for the District of
Nebraska and Iowa, bearing
date the 29th day of June 1879
I have well faithfully and truly
in my own proper person and
in strict Conformity with the
instructions furnished by
the Surveyor General, the Sur-
veying Manual and the laws of
the United States, Surveyed all
those parts or portions of Town-
ship No 29 North of the Base
line, of Range No 46 West
of the 6th Principal Meridian
in Nebraska that are repre-
sented in the foregoing field
Notes as having been Surveyed

under my direction and I do further solemnly swear that all the Corners of said surveys have been Established and perpetuated in strict ~~Conformity~~ accordance with the Surveying Manual, printed instructions and Special instructions of the Surveyor General of dimensions character, construction and marking, and in the manner as specifically described in the foregoing field notes and that the foregoing are the true and original field notes of such Survey

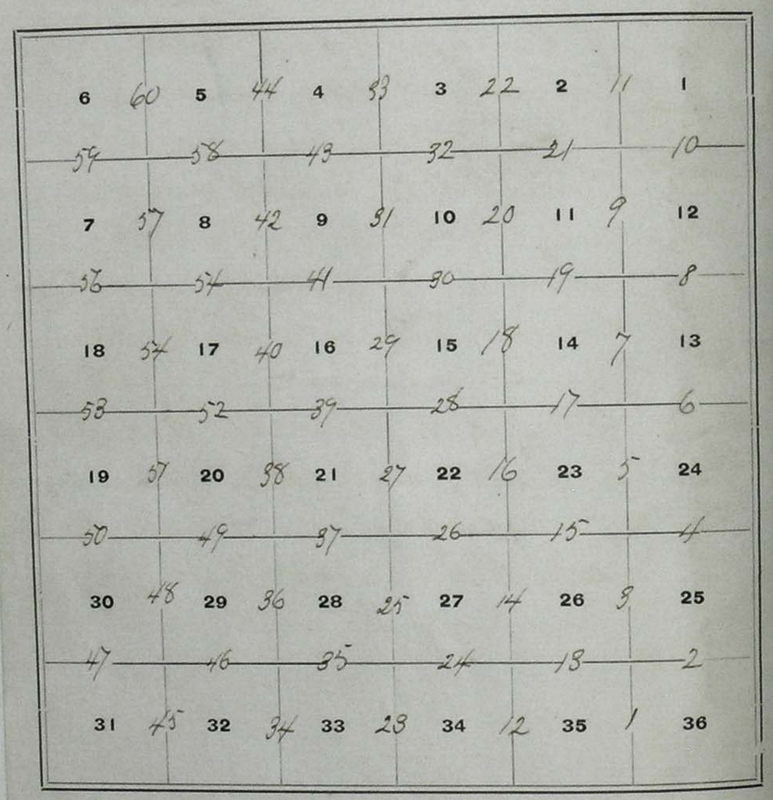
Charles K. Starkweather

Signed in my presence and sworn to before me this 24 Nov 1879
Aly Kennedy
Clerk W.C.

Surveyor General's Office
Plattsmouth Neb. Dec. 18-1879
The foregoing field notes of the Survey & subdivision of Township No. 29 N. of the Base Line of R. No. 46 W. of the 6th P.M. in Nebraska Executed by Charles R. Starkweather, Deputy Surveyor under Joint Contract No. 111 dated June 30th 1879, in the Month of Sept 1879, having been critically examined, the necessary corrections and explanations made the said field notes and the surveys they describe are hereby approved

Geo. G. Smith
Surveyor General

Index Diagram
to
Town 30 N. R 46 W



No. 111

Field Notes of the Subdivisional lines of Township No 30 North of the Base Line ~~and West~~ of Range No 46 West of the 6th Principal Meridian in ~~Ne~~ Nebraska, Surveyed by Charles R Starkweather Executed under a joint Contract wherein Nicholas J. Paul and Charles R. Starkweather are joint Contractors with George S. Smith, United States ~~Deputy Surveyor~~ Deputy Surveyor for the district of Nebraska and Iowa, bearing date the 30th day of June 1879.

Survey Commenced Aug 18th 1879
Survey Completed Aug 22nd 1879

Names and duties of assistants

David Davis	Chainman
Horace G. Seeley	Chainman
R.R. Crow	Cornerman
Edwin Turner	Cornerman
Jacob Smith	Flagman

To determine the proper adjustment of My Compass for Subdividing this Township I run ~~north~~ from the Corner to Townships 29 and 30 Ranges 45 and 46, North on a blank line between Sections 31 and 36

Va 15 4 7'E

4006 To a point 9 links west of the 1/4 Sec cor

8014 To a point 17 links west of the Corner to Sections 25 and 36

To retrace this line or run parallel there to My Compass must be adjusted to a variation of 15° 4 0'E

Township 30 N. R 46 W. 6th P.M.

	From centre of mound the corner to Sections 1.2.35 and 36 on the South boundary of the Township which is standing in good condition Drawn
	North between Sections 35 and 36 va 15° 40' E
4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 25. 26. 35 and 36 Drove Marked Ash post 2 x 2 x 24 in 1 ft deep in SE pit
	Quietly rolling dark Soil First rate land

Township 30 N R 46 W. 6th P.M.

	East on a random line between Sections 25 and 36 va 15° 40' E
4000	Set temporary ¼ Sec Cor
7994	Intersected the East boundary of the Township 16 links South of the Corner to Sections 25 and 36 mound with pits which is in good condition from which Corner Drawn
	South 89° 53' West on a true line between Sections 25 and 36 va 15° 40' E
3997	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
7994	The Corner to Sections 25. 26 35 and 36
	Rolling dark Soil Clay loam First rate land

Township 30 N. R 46 W. 6th P.M.

North between Sections 25 and 26
va 15° 40' E

4000 Deposited Charred Stake
raised Mound of earth 2½
feet high from pits 18 x 24 x
12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake
raised Mound of earth
2½ feet high from pits
18 x 24 x 12 in deep for Corner
to Sections 23. 24. 25 and 26
Drove Marked Cottonwood
post 2 x 2 x 24 in 1 ft deep in
S.E. pit

Gently rolling first rate
land

Township 30 N. R 46 W 6th P.M.

East on a random line
between Sections 24 and 25
va 15° 45' E

3,60 Drain Course S.E.

4000 Set temporary 1/4 Sec. Cor.

7980 Intersected the East boundary
of the township 12 links
South of the Corner to Sections
mound with pits
which is in good condition
24 and 25 from which Corner
I run
South 89° 55' East on a true
line between Sections 24 and 25
va 15° 45' E

3990 Deposited Charge stake
raised Mound of earth
2½ feet high from pits
18 x 24 x 12 in deep for 1/4 Sec Cor

7980 The Corner to Sections 23. 24
25 and 26

Gently rolling, Clay
Soil First rate Soil

Township 30 N. R46 W 6th P.M.

North between Sections 23 and 2
va 15° 40' E

150 Drain Course S.E.

4000 Deported Charred Stake
raised Mound of earth 2½
feet high from pits 18 x
24 x 12 in deep for ¼ Sec Cor

8000 Deported Charred Stake
raised Mound of earth
2½ feet high from pits
18 x 24 x 12 in deep for
Corner to Sections 13. 14. 23
and 24. Drove Marked
Ash post 2 x 2 x 24 in 1 ft
deep in SE pit

South 20 chs Gently
rolling firstrate
balance Secondrate

Township 30 N. R45 W. 6th P.M.

East on a random line
between Sections 13 and 24
va 15° 45' E

4000 Set temporary ¼ Sec Cor

6700 Drain Course S.E.

7958 Intersect the N. and S. line
16 links South of the Corner
mound with pits
which is in good condition
to Sections to 13 and 24
from which Corner I run
South 89° 53' West on a true line
between Sections 13 and 24
va 15° 45' E

3979 Deported Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24 x 12
in deep for ¼ Sec Cor

7958 The Corner to Sections 13. 14
23 and 24

Rolling Clay land
Secondrate

Township 30 N. R 45 W. 6th P.M.

North between Sections 13 and 14
Va 15° 50' E

4000 Deposited Charred Stake
raised mound of earth
2½ feet high from pits 18
x 24 x 12 in deep for ¼ Sec Cor

8000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24 x 12
in deep for Corner to Sections
11. 12. 13 and 14

Drove Marked Ash post
2 x 2 x 24 in feet deep in S.E.
pit.

Rolling Clay land
Good Secondrate
land

Township 30 N. R 45 W. 6th P.M.

East on a random line
between Sections 12 and 13
Va 15° 50' E

4000 Set temporary ¼ Sec Cor

7960 Intersected the East boundary
of the Township 18 links North
mound with pits
of the Corner to Sections 12 and 13
which is in good condition
from which Corner
Drum
North 89° 52' West on true line
between Sections 12 and 13
Va 15° 50' E

3980 Deposited Charred Stake
raised mound of earth 2½ feet
high from pits 18 x 24 x 12 in
deep for ¼ Sec Cor

7960 The Corner to Sections 11. 12
13 and 14

Undulating Clay Soil
Secondrate land

Township 30 N. R 45 W. 6th P.M.

North between Sections 11 and 12

va 15° 50' E

3580 Drain Co. S.E.

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 1, 2, 11 and 12

Undulating Clay Soil
Secondrate land

Township 30 N. R 46 W. 6 P.M.

East on a random line between Sections 1 and 12

va 15° 55' E

4000 Set temporary ¼ Sec Cor

7956 Intersected the East boundary of the Township 32 links North of the Corner to Sections 1 and 12 mound with pits which is in good condition from which Corner I run

North 89° 46' West on a true line between Sections 1 and 12

va 15° 55' E

39.78 ~~4000~~ Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor

7956 The Corner to Sections 1, 2, 11 and 12

Gently rolling Clay soil Secondrate land

Township 30 N. R 46 W. 6th P.M.

North on a random line between Sections 1 and 2
Va 15° 50' E

4000 Set temporary 1/4 Sec Cor
5200 Drain course S.E.
7966 Intersected the North boundary of the Township 46 links East of the corner to Sections 1 and 2 from which corner I run South 20' East on a true line between Sections 1 and 2
Va 15° 50' E

66
3988 Deposited charred stake raised mound of earth 2½ feet high from pit 18x24 12 deep 1/4 Sec Cor
7966 The corner to Sections 1, 2, 11, and 12

Gently rolling
Second rate land

Township 30 N. R 46 W. 6th PM

From the centre of mound thy Cor to Secs. 34 & 35 on South boundary of Township, with pits in good condition run North between Sections 34 and 35
Va 15° 50' E

4000 Deposited charred stake raised mound of earth 2½ feet high from pits 18x24x12 in deep for 1/4 Sec Cor
8000 Deposited charred stake raised mound of earth 2½ feet high from pits 18x24x12 in deep for Corner to Sections 26, 27, 34 and 35. Drove marked Willow post 2x2x24 in 1 ft deep for S.E. pit

Gently rolling Second rate land

Aug 18th 1879

Township 30 N. R. 46 W. 6th P.M.

East on a random line between Sections 26 and 35
va 15° 55' E

4000 Set temporary 1/4 Sec Cor
8012 Intersected the N. and S. line 24 links North of the Corner to Sections 25. 26 35 and 36 from which Corner I run
North 89°50' West on a true line between Sections 26 and 35
va 15° 55' E

4000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
8012 The corner to Sections 26. 27 34 and 35

Gently rolling prairie Clayland Secondrate

Township 30 N. R. 46 W. 6th P.M.

North between Sections 26 and 27
va 15 50' E

4000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in ~~ft~~ deep for 1/4 Sec Corner
8000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 22. 23. and 26 and 27
Drove marked Pine post 2 x 2 x 24 in 1 ft deep in S.E. pit

Rolling Clay land Secondrate land

Township 30 N. R 46 W 6th P.M.

East on a random line between Sections 23 and 26
va 15° 55' E

4000 Set temporary 1/4 Sec Cor
8028 Intersected for N. and S. line
16 links North of the Corner to Sections 23. 24. 25 and 26 from which Corner I run
North 89° 53' West on true line between Sections 23 and 22
va 15° 55' E

4014 Deposited Charred Stake raised Mound of earth 2 1/2 ft high from pits 18 x 24 x 12 in dug for 1/4 Sec Cor.
8028 The Corner to Sections 22. 23 26 and 27

Rolling Clay land
Second rate soil

Township 30 N R 46 W. 6th P.M.

North between Sections 22 and 23
va 15° 55' E

1480 Drain Course East
4000 Deposited Charred Stake raised Mound of earth 2 1/2 ft high from pits 18 x 24 x 12 in dug for 1/4 Sec Cor
8000 Deposited Charred Stake raised Mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in dug for Corner to Sections 14. 15 - 22 and 23

Valley land, Clay Soil
Second rate

Township 30 N. R. 46 W. 6 P. M.

	East on a random line between Sections 14 and 23 va 15° 55' E
4000	Set temporary 1/4 Sec Cor
8062	Intersect the N. and S line 2 links north of the Corner to Sections 13. 14. 23 and 24 from which Corner I drew North 89° 59' West on a true line between Sections 14 and 23 va 15° 55' E
4031	Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
8062	The Corner to Sections 14. 15 22 and 23

Rolling Clay land
Secondrate land

Township 30 N. R 46 W. 6 P. M.

	North between Sections 14 and 15 va 15° 50' E
4000	Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
8000	Deposited Charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to sections 10. 11. 14 and 15
	I drove marked willow post 2 x 2 x 24 in 1 ft. deep in S.E. pit

Clay land
Secondrate

Township 30 N. R 46 W 6th P.M.

East on a random line between Sections 11 and 14
Va 15° 5' 5" E

4000 Set temporary 1/4 Sec Cor
8050 Intersected the N. and S. line 20 links South of the Corner to Sections 11. 12 13 and 14. from which Corner I run
South 89° 51' West on a true line between Sections 11 and 14
Va 15° 5' 5" E

4025 Deposited charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor.
8050 The Corner to Sections 10. 11 14 and 15

Rolling Clay land
Second rate Soil

Township 30 N. R 46 W 6th P.M.

North between Sections 10 and 11
Va 15° 5' 5" E

4000 Deposited charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
8000 Deposited charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 2. 3. 10 and 11
Drove marked Cottonwood post 2 x 2 x 24 in 1 ft deep in S.E. pit

Undulating Clay Soil
Second rate

Township 30 N. R 46 W. 6th P.M.

East on a random line between Sections 2 and 11
va 15° 55' E

4000 Set temporary 1/4 Sec Cor
8054 Intersected the N. and S. line 28 links South of the Corner of the Corner to Sections 1. 2. 11 and 12 from which Corner Drew

South 89° 48' West on a true line between Sections 2 and 11
va 15° 55' E

4027 Deposited Charred Stake raised Mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8054 The Corner to Sections 2. 3 10 and 11

Gently rolling Clay land
Soil Secondrate

Township 30 N. R 46 W. 6th P.M.

North on a random line between Sections 2 and 3
va 15° 50' E

4000 Set temporary 1/4 Sec Cor
7988 Intersected the North boundary of the Township 14 links East of the Corner to Sections 1 and 2 (mound with pits which is in good condition) from which Corner Drew

South 6' East on a true line between Sections 2 and 3
va 15° 50' E

3988 Deposited Charred Stake raised Mound of Earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7988 The Corner to Sections 2. 3 10 and 11

Undulating Clay land
Secondrate soil

Township 30 N. R 46 W 6 PM

From the Center of Mound the Cor. to Secs. 33 & 34 on South boundary of Township Trim

North between Sections 33 and 34
Va 15 50' E

18.50 Drain Co SE

4000 Deported Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ sec cor

8000 Deported Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 27. 28. 33 and 34 Drove Marked Willow post 2 x 2 x 24 in 1 ft deep in S.E.

Rolling Clay land
Secondrate

Township 30 N. R 46 W. 6th P.M.

East on a random line between Sections 27 and 34
Va 15° 55' E

4000 Set temporary ¼ Sec Cor

8020 Intersected the N. and S. line 12 links South of the Corner to Sections 26. 27. 34 and 35 from which Corner
Drum
South 89° 55' West on a true line between Sections 27 and 34
Va 15° 55' E

4060 Deported Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor

8020 The Corner to Sections 28. 27 33 and 34

Rolling Clay Secondrate
Land

Township 30 N. R. 46 W. 6th P.M.

North between Sections 27 and 28
Va 15° 55' E

4000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24
x 12 in dep for ¼ Sec Cor

8000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 28 x 24
x 12 in dep for Corner to
Sections 21. 22. 27 and 28
Drove marked willow post
2 x 2 x 24 in 1 ft dep in
S.E. Pit

Rolling Clay land
Secondrate Soil

Township 30 N. R. 46 W. 6th P.M.

East on a random line
between Sections 22 and 27
Va 15° 5' 5" E

4000 Set temporary ¼ Sec Cor

8030 Intersected the N and S line
26 links South of the Corner
to Sections 22. 23. 26 and 27
from which Corner Drove

South 89° 49' West on a true line
between Sections 22 and 27
Va 15° 5' 5" E

4015 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24
x 12 in dep for ¼ Sec Cor

8030 The Corner to Sections 21. 22
27 and 28

Rayland
Secondrate Soil
Aug 19th 1879

Township 30 N. R 46 W. 6th P.M.

North between Sections 21 and 22
Va 15° 50' E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 15. 16. 21 and 22
Drove Marked Willow Post 2 x 2 x 24 in deep in S.E. pit

Surface rolling Clay Soil
Secondrate

Township 30 N. R 46 W. 6th P.M.

East on a random line between Sections 15 and 22
Va 15° 55' E

4000 Set temporary 1/4 Sec Cor

5820 Drain Corner S.E.

8022 Intersected the N and S. line 20 links South of the Corner to Sections 14 & 15. 22 and 23 from which Corner I run South 89° 51' West on a true line between Sections 15 and 22
Va 15° 55' E

4011 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8022 The Corner to Sections 15. 16. 21 and 22

Clay land Good
Secondrate land

Township 30 N. R 46 W 6th P M

North between Sections 15 and 16
va 15° 45' E

100 Small Drain Course East

1200 Drain Course East

4000 Deposited Charred Stake
raised mound of earth
2 1/2 feet high from pits
18 x 24 x 12 in deep for 1/4
Sec cor

8000 Deposited Charred Stake
raised mound of earth
2 1/2 feet high from pits
18 x 24 x 12 in deep for
Corner to Sections 9, 10,
15 and 16 Drove Marked
willow post 2 x 2 x 24 in
1 ft deep in S.E. pit

Rolling Clay land
Second rate Said

Township 30 N. R. 46 W. 6 P. M.

East on a random line
between Sections 10 and 15
va 15° 55' E

4000 Set temporary 1/4 Sec Cor

8012 Intersected the N. and S. line
12 links South of the Corner
to Sections 10. 11. 14 and 15
from which Corner
I run
South 89 55' West on a true
line between Sections 10 and 15
va 15° 55' E

4006 Deposited Charred Stake
raised mound of earth
2 1/2 feet high from pits
18 x 24 x 12 in deep for 1/4
Sec Cor

8012 The Corner to Sects 9, 10, 15
and 16.

Rolling Prairie
Clay land Second rate

Township 30 N. R 46 W 6 PM

North between Sections 9 and 10
va 15° 55' E

4000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24
x 12 in deep for ¼ Sec Cor

8000 Deposited Charred stake
raised mound of earth
2½ feet high from pits 18 x
24 x 12 in deep for Corner to
Sections 3.4.9 and 10

Drove marked willow
post 2 x 2 x 24 in 1 ft deep
in SE pit

Dark soil Good
clay, Secondrate

Township 30 N. R 46 W 6 PM

East on a random line
between Sections 3 and 10
va 15 55' E

4000 Set temporary ¼ Sec Cor

7996 Intersected the north and S
line 26 links South of the
corner to Sections 2. 3. 10 and 11
from which corner I run
South 89° 49' West on a
true line bet Sections 3 and 10
va 15° 5-5' E

3998 Deposited Charred Stake
raised mound of earth
2½ feet high from pits
18 x 24 x 12 in deep for ¼ Sec Cor

7996 The Corner to Sections 3. 4
9 and 10

Good Clay Land
Secondrate

Township 30 N. R 46 W 6 P.M

North on a random line between Sections 3 and 4
Va 15° 55' E

2200 Drain Course N.E.

3300 Same Drain Course N.W.

4000 Set temporary 1/4 Sec Cor

6200 Same Drain Course N.E.

7976 Intersected the North boundary of the Township 26 links East of mound with pits the Corner to Sections 3 and 4 which is in good condition from which Corner I run

South 11 East on a true line between Sections 3 and 4
Va 15° 55' E

3976 Deposited Charred Stake raised mound of earth 2 1/2 feet deep from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7976 The Corner to Sections 3. 4. 9 and 10

Clay land Second rate

Township 30 N. R 46 W 6th P.M

From the Centre of mound the Cor. to Secs 32 & 33 on South boundary of Township I run

North between Sections 32 and 33
Va 15° 45' E

4000 Deposited Charred Stake raised mound of earth 2 1/2 ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

6600 Drain Course S.E.

8000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 28. 29. 32 and 33

Grove Marked Cottonwood port 2 x 2 x 24 in 1 ft deep for SE pit

Rolling Clay land
Second rate Soil

Township 30 N. R 46 W 6th P.M.

	East on a random line between Sections 28 and 33 ra 15° 45' E
100	Drain Course S.E.
4000	Set temporary 1/4 Sec Cor
5700	Drain Course S.E.
7984	Intersected the N. and S line 18 links North of the Corner to Sections 27. 28. 33 and 34 from which Cor Drum North 89° 52' West on a true line between Sections 28 and 33 ra 15° 45' E
3992	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor
7984	The Corner to Sections 28. 29 32 and 33
	Rolling Clay land Second rate

Township 30 N. R 46 W. 6th P.M.

	North between Sections 28 and 29 ra 15° 0' E
55	Drain Course S.E.
4000	Deposited Charred Stake raised mound of earth 2½ feet dep from pits 18 x 24 x 12 in dep for 1/4 Sec. Cor.
5700	Drain Course S.E.
8000	Deposited Charred Stake raised mound of earth 2½ feet dep from pits 18 x 24 x 12 in dep for Corner to Sections 20. 21. 28 and 29 Drove Marked Pine post 2 x 2 x 24 in 1 ft dep in S.E. pit
	Surface rolling Clay Second rate

Township 30 N. R 46 W. 6th P.M.

East on a random line between Sections 21 and 28
va 15° 55' E

4000 Set temporary 1/4 Sec Cor

~~7150 Drain Course S.E.~~

~~7900 Same Drain Course N.E.~~

7992 Intersected the N. and S. line 16 links South of the Corner to Sections 21. 22. 27 and 28 from which Corner I run South 89° 53' West on a true line between Sections 21 and 28
va 15° 55' E

3996 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7992 The Corner to Sections 20. 21 28 and 29

Rolling Surface
Secondrate Soil

Township 30 N. R 46 W. 6 P.M.

North between Sections 20 and 21
va 15 50' E

4000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2 1/2 ft high from pits 18 x 24 x 12 in deep for Corner to Sections 16. 17. 20 and 21 Drove marked Pine post 2 x 2 x 24 in 1 ft deep in SE pit

Rolling Clay land
Secondrate Soil

Township 30 N. R 46 W. 6th P.M.

East on random line between Sections 16 and 21
va 15° 55' E

4000 Set temporary 1/4 Sec Cor
7150 Drain Course S.E.
7800 Same Drain Course N.E
7990 Intersected the N and S. line 16 links South of the Corner to Sections 15. 16. 21 and 22 from which Corner Drew South 89° 53' West on a true line between Sections 16 and 21
va 15 55' E
3995 Deposited Charred Stake raised Mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7990 The Corner to Sections 15. 16 20 and 21

Rolling Clay land
Second rate soil

Township 30 N. R 46 W 6th P.M.

North between Sections 16 and 17
va 16° E

4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
8000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 8. 9. 16 and 17
Drove Marked Pine post 2 x 2 x 24 in 1 ft deep in S.E. pit

Rolling Clay land
Second rate soil

Aug 20th 1879

Township 30 N. R 45 W. 6th P.M.

	Easton a random line between Sections 9 & 16
	Va 16 ~~0~~ E
4000	Set temporary 1/4 Sec.
8004	Intersected the N. and S. line 28 links south of the Corner to Sections 9, 10, 15 and 16 from which Corner
	Gordon
	South 89° 48' Weston a true line between Sections 9 and 16
	Va 16° E
4002	Deposited Charred Stake raised Mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in dep for 1/4 Sec. Cor
8004	The Corner to Sections 8, 9, 16 and 17
	Gently rolling Good Second rate

Township 30 N. R 46 W. 6th P.M.

	North between Sections 8 and 9
	Va 15° 50' E
4000	Deposited Charred Stake raised Mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in dep for 1/4 Sec. Cor
6750 ~~4000~~	Drain Course S.E.
8000	Deposited Charred Stake raised Mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in dep for Corner to Secs. 4, 5, 8 and 9 Drove Pine post 2 x 2 x 24 in 1 ft. dep pits S.E. pit
	Surface Rolling. Clay soil Second rate land

Township 30 N. R 46 W. 6th P.M.

East on a random line between Sections 4 and 9 ra 15° 50' E

4000 Set temporary 1/4 Sec Cor.

5720 Drain Course N.E.

8020 Intersect the N. and S. line 14 links South of the Corner to Sections 3. 4. 9 and 10 from which Corner I run South 89°54' West on a true line between Sections 4 and 9 ra 15° 50' E

4010 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Corner

8020 The Corner to Sections 4. 5 8 and 9

Undulating Surface
Clay Soil
Secondrate

Township 30 N. R 46 W. 6 P.M.

North on a random line between Sections 4 and 5 ra 15° 50' E

1400 Drain Course E.

4000 Set temporary 1/4 Sec Cor

5970 ~~Same~~ Drain Course S.E.

7950 Intersected the North boundary of the Township 27 links West of the Corner (mound with pits which is in good Condition) to Sections 4 and 5 from which Corner I run South 12' West on a true line between Sections 4 and 5 ra 15° 50' E

3980 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor

7980 The Corner to Sections 4. 5. 8 and 9

Undulating Clay Soil
Secondrate land

Township 30 North R46 W. 6th P.M.

From the Centre of Mound the Cor. to Secs 31 & 32 on the Boundary of Township, which is in good Condition, Iron

North between Sections 31 & 32
Va 15° 30' E

3780 Drain Course East
4000 Deported Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec. Cor.
5980 Drain Course S.E.
8000 Deported Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 29. 30. 31 and 32
Drove Marked Pine post 2x2 x 24 in 1 ft deep in S.E. pit

Gently rolling Clay Soil
Secondrate

Township 30 N. Range 46 W 6th P.M.

East on a random line between Sections 29 and 32
Va 15° 40' E

4000 Set temporary ¼ Sec Cor
4520 Drain Co S.E.
7962 Intersected the N and S line 28 links South of the Corner to Sections 28. 29. 32 and 33 from which Corner Drain
South 89° 48' West on a true line between Sections 29 and 32
Va 15° 40' E
3981 Deported Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor
7962 The Corner to Sections 29. 30 31 and 32

Gently rolling Clay Soil
Secondrate land

Township 30 N. R 46 W. 6th P.M.

West on a random line between Sections 30 and 31
va 15° 40' E

3300 Drain Course S.E.
4000 Set temporary 1/4 Sec Cor
4750 Drain Course S.E.
8012 Intersected the ~~[illegible]~~ West Bound of Tp line 34 links South of the corner to Sections 30 and 31, which is in good condition from which Corner Drum
South 89° 45' East on a true line between Sections 30 and 31
va 15° 40' E

4012 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
8012 The Corner to Sections 29. 30 31 and 32

Gently rolling Clay
Secondrate Soil

Township 30 N. R 46 W. 6th P.M.

North between Sections 29 and 30
va 15° 40' E

4000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
6430 Drain Course S.E.
8000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 19. 20. 29 and 30
Drove marked Willow post 2 x 2 x 24 in 1 ft deep in S.E. pit

Clay land
Good Secondrate

Township 30 N. R 46 W. 6th P.M.

	East on a random line between Sections 20 and 29 Va 15° 45' E
4000	Set temporary 1/4 Sec Cor
7970	Intersected the North and South line 12 links South of the Corner to Sections 20. 21. 28 and 29 from which Corner I run South 89° 55' E West on a true line between Sections 20 and 29 Va 15° 45' E
3985	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7970	The Corner to Sections 19. 20 29 and 30

Gently rolling Clay land
Secondrate

Township 30 N. R 46 W 6th P.M.

	West on a random line between Sections 19 and 30 Va 15° 45' E
4000	Set temporary 1/4 Sec Cor
4970	Drain Course S.E.
7984	Intersected the West boundary of the Township 28 links South of the Corner to Sections 19 and 30 mound with pits which is in good condition from which Corner I run South 89° 48' East on a true line between Sections 19 and 30 Va 15° 45' E
3984	Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7984	The Corner to Sections 19. 20. 29 and 30

Rolling Clay land
Secondrate Soil

Township 30 N. R 46 W. 6 P.M.

North between Sections 19 and 20
Va 15° 40' E

4000 Deposited charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec. Cor.

8000 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 17. 18 x 19 and 20

~~Drove Willow post 2 x 2 x 24 in 1 ft deep.~~

Drove Willow post 2 x 2 x 24 in 1 ft. deep in S.E. pit

Rusty rolling Clay Soil
Second rate

Township 30 N. R 46 W. 6 P.M.

East on a random line between Sections 17 and 20
Va 15° 48' E

4000 ~~set temporary 1/4 Sec Cor~~ ~~Deposited charred stake~~

7958 Intersected the N. and S. line 26 links South of the corner to Sections 16. 17. 20 and 21 from which Corner drove

South 89° 49' West on a true line between Sections 17 and 20
Va 15° 45' E

3979 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7958 The Corner to Sections 17. 18. 19 and 20

Surface Rolling
Second rate land

Township 30 N. R 46 W. 6th P.M.

West on a random line between Sections 18 x 19
Va 15° 45' E

4000 Set temporary 1/4 Sec Cor

7960 Intersected the West boundary of the Township 40 links South of the Corner mound with pits which is in good condition to Sections 18 and 19 from which Corner dr run South 89° 43' East on a true line between Sections 18 and 19
Va 15° 45' E

3960 Deposited Charred Stake raised Mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7960 The Corner to Sections 17. 18. 19 and 20

Gently rolling Clay Soil Good Secondrate

Township 30 N. R 46 W. 6th P.M.

North between Sections 17 and 18
Va 15° 45' E

4000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for Corner to Sections 7. 8. 17 and 18
Drove marked Willow post 2 x 2 x 24 in 1 ft deep in S.E.

Gently rolling Clay land Good Secondrate

Aug 21st 1879

Township 30 N. R 46 W 6th P.M.

East on a random line between Sections 8 and 17
Va 15° 45' E

4000 Set temporary 1/4 Sec Cor
7974 Intersected the N. and S. line 14 links South of the Corner to Sections 8. 9. 16 and 17. from which Corner I run
South 89° 54' W. on a true line between Sections 8. and 17
Va 15° 45' E

3987 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 28 x 24 x 12 in deep for 1/4 Sec Cor
7974. The Corner to Sections 8. 7 17 and 18.

Gently rolling Clay Soil
Secondrate land

Township 30 N. R 46 W. 6th P.M.

West on a ~~ran~~ dom line between Sections 7 and 18
Va 15° 45" E

4000 Set temporary 1/4 Sec Cor
7982 Intersected the western boundary of the Township 23 lks South of mound and pits the Corner to Secs. 7 and 18 which is a mound and pits in good Condition from which Corner I run
South 89° 50' East on a true line between Sections 7 and 18
Va 15° 45' E

3982 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7982 The Corner to Sections 7. 8. 17 and 18

Gently rolling Clay land
Secondrate Soil

Township 30 N. R 46 W. 6th P.M.

North between Sections 7 and 8.

Va 15° 45' E

4000 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8000 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 5. 6. 7 and 8 Drove marked willow post 2 x 2 x 24 in deep in S.E. pit

South Cocoocks Gently rolling N 20. undulating Good Secondrate land

Township 30 N. R 46 W. 6th P.M.

East on a random line between Sections 5 and 8

Va 15° 50' E

2350 Drain Course S.E.

4000 Set temporary 1/4 Sec Cor

7984 Intersected the N. and S. line 16 links South of the corner to Sections 4. 5. 8 and 9 from which Corner I run South 89° 53' West on a true line between Sections 5 and 8

Va 15° 50' E

3982 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7984 The Corner to Sections 5. 6. 7 and 8.

Undulating Surface clay land Secondrate

Township 30 N. R 46 W. 6 PM

	West on a random line between Sections 6 and 7 va 15° 50' E
3250	Drain Course N.E.
4000	Set temporary 1/4 Sec Cor
7980	Intersected the West boundary of the Township 22 links mound with pits South of the Corner to Sections 6 and 7 which is in good condition from which Corner I run South 89° 51' East on a true line between Sections 6 and 7 va 15° 50' E
3980	Deposited charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7980	The Corner to Sections 5. 6. 7 and 8

Undulating Clayland
Secondrate

Township 30 N. R 46 W 6 P.M.

	North on a random line between Sections 5 and 6 va 15 50 E
3200	Drain Course N.E.
4000	Set temporary 1/4 Sec Cor
7990	Intersected the North boundary of the Township 12 links East of the Corner to Sections 5 and 6 mound with pits which is in good condition from which Corner I run South 5' East on a true line between Sections 5 and 6 va 15 50' E
3990	Deposited charred stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7990	The Corner to Sections 5. 6. 7 and 8

Clay Soil Good
Secondrate

Aug 22nd 1879

General Description

The Soil in this Township is a Clay loam.

Surface is gently rolling. The Township is destitute of timber and there is no living water.

A large ravine courses through the North part of the Township along which is found some sandy soil

In General the Township is good for farming

List of Names.

A list of the Names of the individuals employed to assist in running, Measuring or marking the lines and corners described in the foregoing field Notes of Township No 30 North of the Base line of Range No 46 West of the 6th Principal Meridian, Showing the respective capacities in which they acted.

David Davis	Chainman
Horace G. Seeley	Chainman
R. R. Crow	Cornerman
Edwin Turner	Cornerman
Jacob Smith	Flagman

We, hereby certify that we assisted Charles R. Starkweather Deputy Surveyor in surveying and subdividing Township Number Thirty of Range number Fortysix West of the the Sixth Principal Meridian in the State of Nebraska and that said Township has been in all respects to the best of our knowledge and belief well and faithfully surveyed and the Boundary Monuments planted according to the instructions furnished by the Surveyor General of dimensions, Character Constructions and marking and in the manner as specifically described in the foregoing field notes

David Davis Chainman
Horace S. Seeley Chainman
R. R. Crow Cornerman
Elvin Turner Cornerman
Jacob Smith Flagman

Signed in my presence and sworn to before me this 30 day of Sept 1879

A. G. Kendall
Clerk Dist Ct

I Charles R. Starkweather
Deputy Surveyor do solemnly
swear, that in pursuance of a
joint Contract wherein Nicholas
J. Paul and Charles R. Starkweather
are joint Contractors with
Geo. A. Smith United
States Surveyor General for the
District of Nebraska and Iowa
bearing date the 30th day of
June 1879. I have well
~~truly~~ faithfully and truly and
in my own proper person and in
strict Conformity with the
instructions furnished by the
Surveyor General, the Surveyors
manual and the Laws of the
United States. Surveyed all those
parts or portions of Township
No 30 North of the base line
of Range 46 West of the 6th Princi
pal Meridian in Nebraska
that are represented in the
foregoing Field Notes as having been

surveyed under my direction
and I do further solemly swear
that all the Corners of said Survey
have been Established and perpet-
uated in strict accordance
with the Surveying Manual
printed Instructions, Special
instructions of the Surveyor
General, of dimensions, Character
Construction and Marking and in
the Manner as Specifically
described in the foregoing
field Notes and that the foregoing
are the true and original Notes
of such Survey

Charles R. Starkweather

Signed in my presence and
sworn to before me this
27 of Oct 1879

A G Kendall
Clerk Dept Ct

Surveyor General's Office
Plattsmouth Neb. Dec. 18. 1879

The foregoing field notes of
the Survey & subdivision of
Township No 30 North of Base
Line of Range 46 East of the
6th Principal Meridian in
Nebraska. Executed by
Charles R. Starkweather
Deputy Surveyor under
Joint Contract No 111 dated
June 30. 1879. in the month
of August 1879. having been
critically Examined
the necessary Corrections
and Explanation made
the said field notes &
the Surveys they describe
are hereby approved

Geo S. Smith
Surveyor General

D. F. Hickey Deputy Surveyor.

T. 31 **North R.** 46 **West.**

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 31 North Range 46 West

6th Principal Meridian.

BY

D. F. Hickey Deputy Surveyor.

Under his Contract of Nov. 10th 1881

Survey Commenced Nov 1st 1882

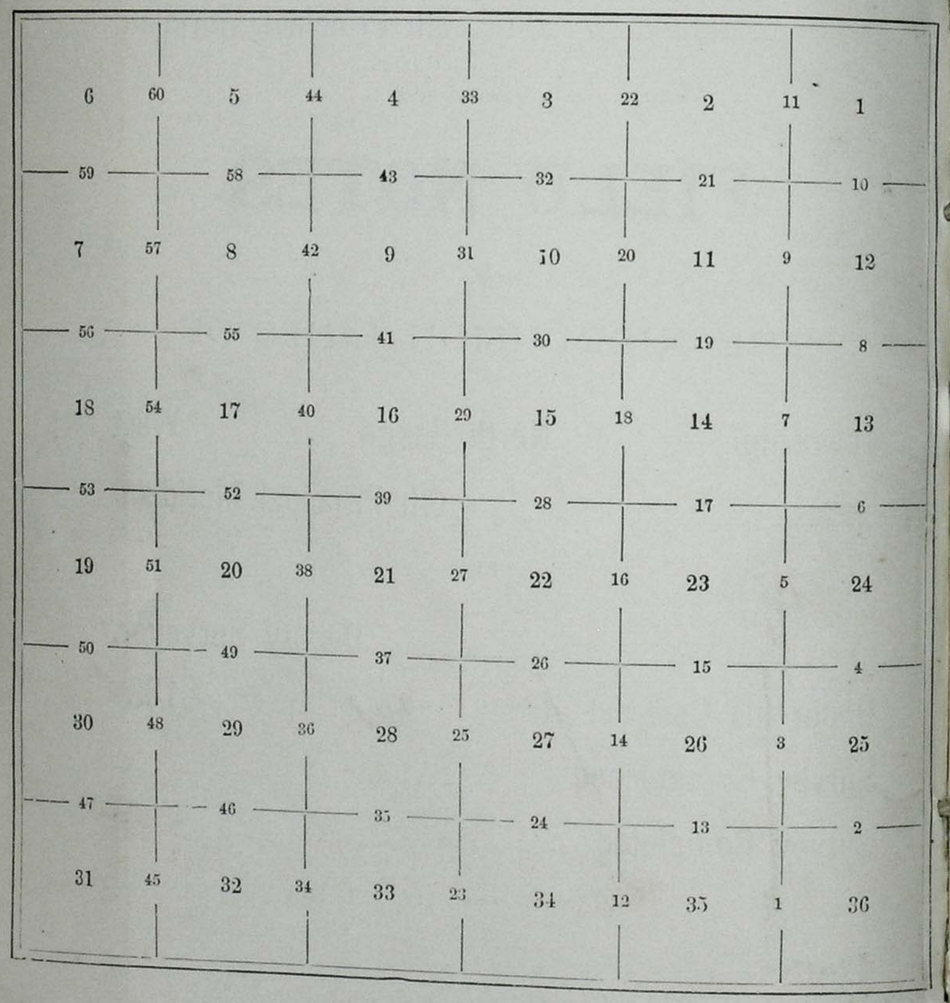
Survey Completed Nov 3rd 1882

Platted,
Copied for Washington,
Copied for Register,

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

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

.....6th Principal Meridian.



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

.....6th Principal Meridian.

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

..... 6th Principal Meridian.

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

..... 6th Principal Meridian.

Survey made with Burt's Patent Improved Solar Compass, nearly new, and in first rate order. Made by W. & L. E. Gurley *of* Troy N. Y. *in* 1879

Township 31 North Range 46 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 16° 10' East.
	Ascend. gradually.
24.00	Top of Spur, bears N.W. and S.E. and descend.
40.00	Set a line stone 10 x 8 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on West 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 line stone 16 x 10 x 5 ins. 12 ins. in the ground for Cor. to Secs. 25, 26, 35 & 36 marked with 1 notch on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West
6th Principal Meridian.

Chains	
	East, on a random line between Sections 25 and 36.
	Variation 16° 05' East.
4.16	Cross Wash, 20 lks. wide, Course S. 30 E. and ascend.
27.00	Top of Spur, bears N.W. & S.E. and descend.
40.00	Set temporary ¼ Sec. Cor.
61.80	Cross Wash, 30 lks. wide, Course S. 40 E. and ascend.
80.09	Intersect E. B. of Tp. 8 lks. North of cor. to secs. 25, 30, 31 & 36 from which corner, I run N. 89° 57' W. on a true line, between sections 25 & 36
	Variation 16° 05' East.
40.05	Set a line stone 14 x 8 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on North 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 ~~80.90~~	The corner to sections 25, 26, 35 & 36
	Land Rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 25 and 26.
	Variation 15° 45' East.
	Over rolling land.
39.00	*Enter Flat bears East & West.*
39.63	*Cross Wash, 35 lks. wide, Course East.*
40.00	***Set a lime stone 11 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.***
80.00	***Set a lime stone 14 x 12 x 9 ins. 9 ins. in the ground for Cor. to Secs. 23 24 25 & 26 marked with 2 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.***
	Land rolling and flat.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 24 and 25.
	Variation 15° 40' East.
	Over level land
40.00	*Set temporary ¼ Sec. Cor.*
61.82	*Cross Wash, 40 lks. wide, Course S. 15 E.*
79.94	*Intersect E. B. of Tp. 23 lks. North of cor. to secs. 19, 24, 25 & 30 from which corner, I run N. 89° 50' W. a true line, between sections 24 & 25*
	Variation 15° 40' East.
39.97	***Set a lime stone 11 x 10 x 7 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., 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 23, 24, 25 & 26.*
	Land level.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 23 and 24.
	Variation 15° 45' East.
	Ascend. gradually.
3.00	Leave Flat bears East & West and ascend.
9.00	Top of Spur, bears N. W. & S. E. and descend.
26.92	Cross Wash, 30 lks. wide, Course S. 30 E. 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 West face, dug pits 18 x 18 x 12 ins., E, and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
48.00	Top of Spur, bears N. W. & S. E and descend.
60.16	Cross Wash, 30 lks. wide, Course S 45 E and ascend.
80.00	Set a lime stone 16 x 14 x 12 ins. 12 ins. in the ground for Cor. to Secs. 13, 14, 23, 24 marked with 3 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 13 and 24.
	Variation 16° 00' East.
	Ascend. gradually.
40.00	Set temporary ¼ Sec. Cor.
45.00	Top of Spur, bears N. W. & S. E. and descend.
53.00	Cross Wash, 20 lks. wide, Course South and ascend.
69.00	Top of Spur, bears N. W. & S. E. and descend.
80.27	Intersect E. B. of Tp. 2 lks. North of cor. to secs. 13, 18, 19 & 24 from which corner, I run N. 89° 59' W. on a true line, between sections 13 & 24
	Variation 15° 50' East.
40.14	Set a lime stone 12 x 8 x 7 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on North 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.
80.27	The corner to sections 13, 14, 23 & 24.
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 13 and 14.
	Variation 15° 45' East.
	Ascend.
26.00	Top of Spur, bears N. W. & S. E. and descend.
37.19	Cross Wash, 20. lks. wide, Course S. 60 E and ascend.
40.00	Set a line stone 12 x 10 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on West face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
57.60	Top of Spur, bears East & West and descend.
80.00	Set a line stone 12 x 8 x 6 ins. 8 ins. in the ground for Cor. to Secs. 11, 12, 13 & 14 marked with 4 notches on S. and 1 notch on E. edges, 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 Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 12 and 13.
	Variation 16° 10' East.
	Descend. gradually.
10.00	Cross Wash, 20 lks. wide, Course S. 60 E. and ascend.
39.00	Top of Spur, bears N. W. & S. E. and descend.
40.00	Set temporary ¼ Sec. Cor.
50.20	Cross Wash, 50 lks. wide, Course S. 25 E and ascend.
80.06	Intersect E. B. of Tp. 15 lks. South of cor. to secs. 1, 12, 13 & 18 from which corner, I run
	S. 89° 54' W. on a true line, between sections 12 & 13
	Variation 16° 10' East.
40.03	Set a sand stone 10 x 9 x 7 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on North face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.06	The corner to sections 11, 12, 13 & 14
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 11 and 12.
	Variation 16° 56 East.
	Descend. gradually
28.13	Cross Wash, 20 lks. wide, Course S. 50 E and ascend.
~~37.00~~	Top of Spur, bears N. W. and S. E. and descend.
40.00	Set a lime stone 18 x 16 x 10 ins., 13 ins. in the ground, for ¼ Sec. Cor., marked ¼ on West 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.
53.06	Cross Wash, 90 lks. wide, Course S 45 E and ascend.
80.00	Set a lime stone 20 x 16 x 12 ins. 15 ins. in the ground for Cor. to Secs. 1, 2, 11 & 12 marked with 5 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 1 and 12.
	Variation 16° 00′ East.
	Ascend.
19.00	Top of Spur, bears N. W. and S. E. and descend.
40.00	Set temporary ¼ Sec. Cor.
46.34	Cross Wash, 30 lks. wide, Course South and ascend.
70.00	Top of Spur, bears N. W. and S. E. and descend.
79.84	Intersect N. & S. line, 30 lks. North of cor. to secs. 1, 6, 7 & 12 from which corner, I run N. 89° 47′ W. on a true line between sections 1 & 12
	Variation 16° 00′ East
39.92	Set a sand stone 12 x 19 x 7 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on North 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 1, 2, 11 & 12
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

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

Nov. 1st. 1882

D. F. Hickey

Township 31 North Range 46 West

6th Principal Meridian.

Chains	
	North, on a random line between Sections 1 and 2.
	Variation 15° 25' East.
	Ascend. gradually.
28.00	Top of Spur, bears N. W. and S. E. and descend.
36.86	Cross Wash, 60 lks. wide, Course S. 60 E. and ascend.
40.00	Set temporary ¼ Sec. Cor.
79.93	Intersect N. B. of Tp. 14 lks. East of cor. to secs. 1, 2, 35 & 36 from which corner, I run S. 6 E. on a true line, between sections 1 & 2
	Variation 15° 25' East.
39.93	Set a sand stone 12 x 10 x 9 ins. 18 ins. in the ground, for ¼ Sec. Cor., marked ¼ on West 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.
79.93	The corner to sections 1, 2, 11 & 12.
	Land Rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	
	North, between Sections 34 and 35.
	Variation 16° 00' East.
	Over rolling land.
40.00	Set a lime stone 16 x 14 x 4 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on West face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
66.00	Cross Wash, 20 lks. wide, Course S. 20 E.
80.00	Set a sand stone 14 x 10 x 6 ins. 9 ins. in the ground for Cor. to Secs. 26, 27, 34, 35 marked with 1 notch on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 26 and 35.
	Variation 15° 45' East.
	Over level land
40.00	Set temporary ¼ Sec. Cor.
58.00	Top of Spur, bears North & South and descend.
79.93	Intersect N. & S. line, 13 lks, South of cor. to secs. 25, 26, 35, 36 from which corner, I run S. 89° 54' W. on a true line between sections 26 & 35
	Variation 15° 45' East
39.97	Set a sand stone 9 x 9 x 4 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on North 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 26, 27, 34 & 35
	Land 21.93 chs. mountainous. 58.00 chs. and level.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 26 and 27.
	Variation 15° 45' East.
12.00	Top of Spur, bears N. W. & S. E. and descend.
40.00	Set a lime stone 15 x 8 x 6 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on West face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
51.00	Enter Flat bears East and West.
75.00	Leave Flat bears East and West.
76.20	Cross Wash, 35 lks. wide, Course S. 45 E. and ascend.
80.00	Set a lime stone 14 x 10 x 6 ins. 9 ins. in the ground for Cor. to Secs. 22, 23, 26 & 27 marked with 2 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 23 and 26.
	Variation 16° 45' East.
2.00	Top of Spur, bears N. W. and S. E. and descend.
26.00	Cross Wash, 20 lks. wide, Course S. 20 E and ascend.
40.00	Set temporary ¼ Sec. Cor.
41.00	Top of Spur, bears N. W. and S. E. and descend.
67.00	Enter Flat bears N. W. and S. E.
80.14	Intersect N. & S. line, 5 lks. North of cor. to secs. 23, 24, 25, 26 from which corner, I run N. 89° 58' W. on a true line between sections 23 & 26.
	Variation 16° 45' East
40.07	Set a sand stone 13 x 8 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on North 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 22, 23, 26 & 27 (67.00 Chs.) (13.14 Chs.) Land mountainous and level. Soil 2nd. & 3rd rate Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 22 and 23.
	Variation 16° 40' East.
	Ascend. gradually.
3.00	Top of Spur, bears N. W. and S. E. and descend.
7.14	Cross Wash, 20 lks. wide, Course S. 60 E. and ascend.
40.00	Set a lime stone 12 x 8 x 5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on West 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 lime stone 16 x 14 x 9 ins. 12 ins. in the ground for Cor. to Secs. 14, 15, 22 & 23 marked with 3 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 14 and 23.
	Variation 16° 45' East.
	Over rolling land.
40.00	*Set temporary ¼ Sec. Cor.*
65.14	*Cross Wash, 35 lks. wide, Course S. 40 E. and ascend.*
79.80	*Intersect N. & S. line, 34 lks. North of cor. to secs. 13, 14, 23, 24 from which corner, I run N. 89° 45' W. on a true line between sections 14 & 23*
	Variation 16° 45' East
39.90	*Set a* line *stone 10 x 10 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on North 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 14, 15, 22 & 23.*
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 14 and 15.
	Variation 16° 35' East.
	Over rolling land.
40.00	*Set a* line *stone 19 x 16 x 12 ins., 14 ins. in the ground, for ¼ Sec. Cor., marked ¼ on West 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.*
54.96	*Cross Wash, 30 lks. wide, Course East and ascend.*
69.60	*Top of Spur, bears S.E. & N.W. and descend.*
80.00	*Set a* sand *stone 18 x 14 x 9 ins. 13 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 25.04 Chs. Mountainous and 54.96 Chs. Rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 11 and 14.
	Variation 15° 50' East.
	Along N. slope.
21.00	Cross Gulch, 125 lks. wide, Course Northland ascend.
40.00	Set temporary ¼ Sec. Cor.
43.00	Top of Hill bears North & South and descend.
79.65	Intersect N. & S. line, 18 lks. North of cor. to secs. 11, 12, 13 & 14 from which corner, I run N. 89° 52' W. on a true line between sections 11 & 14.
	Variation 15° 50' East
39.83	Set a sand stone 10 x 10 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.~~85~~ 65	The corner to sections 10, 11, 14 & 15
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 10 and 11.
	Variation 15° 30' East.
	Descend. gradually.
28.70	Cross Wash, 20 lks. E. and over flat.
40.00	Set a sand stone 14 x 12 x 12 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a sand stone 18 x 18 x 6 ins. 13 ins. in the ground for Cor. to Secs. 2, 3, 10 & 11 marked with 5 notches on S. and 2 notches on E. edges; dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 2 and 11.
	Variation 16° 45' East.
	Over flat.
19.00	Cross Wash, 20 lks. wide, Course S. and ascend.
27.00	Top of Hill bears North & South and descend.
40.00	Set temporary ¼ Sec. Cor.
58.09	Cross Wash, 15 lks. wide, Course S. and ascend.
79.73	Intersect N. & S. line, 8 lks. South of cor. to secs. 1, 2, 11 & 12 from which corner, I run S. 89° 57' W. on a true line between sections 2 & 11
	Variation 16° 45' East
39.87	Set a sand stone 8 x 8 x 3 ins., 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.73	The corner to sections 2, 3, 10 & 11
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian

Chains	
	North, on a random line between Sections 2 and 3.
	Variation 16° 10' East.
	Over flat.
13.40	Cross Gulch, 15 lks. wide, Course S. E. and ascend.
33.00	Top of Spur, bears East & West and descend.
40.00	Set temporary ¼ Sec. Cor.
66.00	Cross Gulch, 10 lks. wide, Course S. 20 E. and ascend.
79.74	Intersect N. B. of Tp. 22 lks. West of cor. to secs. 2, 3, 34, & 35 from which corner, I run S. 9' W. on a true line, between sections 2 & 3
	Variation 16° 10' East.
39.74	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.
79.74	The corner to sections 2, 3, 10 & 11
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

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

Nov. 1st. 1882

Henry J. Manning. Compassman

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 33 and 34.
	Variation 15° 33' East.
	Ascend. gradually.
30.00	Top of Spur, bears N.W. & S.E. and descend.
40.00	Set a sand stone 20 x 8 x 4 ins., 15 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
45.00	Cross Wash – Course S. 45° E. and ascend
80.00	Set a sand stone 11 x 9 x 9 ins. 8 ins. in the ground for Cor. to Secs. 27, 28, 33 & 34 marked with 1 notch on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land Rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 27 and 34
	Variation 15° 45' East.
20.00	Top of Spur, bears N.W. & S.E. and descend.
34.18	Cross Wash, 20 lks. wide, Course S. 50 E and ascend.
40.00	Set temporary ¼ Sec. Cor.
79.81	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 & 34
	Variation 15° 45' East
39.91	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.
79.81	The corner to sections 27, 28, 33 & 34
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 27 and 28.
	Variation 15° 30' East.
9.00	Top of Spur, bears N. W. & S. E. and descend.
26.00	Cross Wash, 20 lks. wide, Course S 45 E. and ascend.
40.00	Set a sand stone 11 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
54.00	Top of Spur, bears N. W. & S. E. and descend.
69.30	Cross Wash, 20 lks. wide, Course S 30 E and ascend.
80.00	Set a sand stone 18 x 13 x 6 ins. 13 ins. in the ground for Cor. to Secs. 21, 22, 27, 28 marked with 2 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East on a random line between Sections 22 and 27.
	Variation 15° 40' East.
	Ascend. gradually.
10.00	Top of Spur, bears N. 25 W. & S. 25 E and descend.
40.00	Set temporary ¼ Sec. Cor.
46.00	Enter Meddow bears S. W. & N. E.
75.00	Cross Wash, 30 lks. wide, Course S. 45' E.
79.77	Intersect N. & S. line, 31 lks. North of cor. to secs. 22, 23, 26, 27 from which corner, I run N. 89° 47' W. on a true line between sections 22 & 27.
	Variation 15° 40' East
39.89	Set a sand stone 9 x 9 x 7 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.77	The corner to sections 21, 22, 27 & 28.
	Land 46.00 chs. mountainous. and 33.77 chs. level
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 21 and 22.
	Variation 15° 35' East.
	Over land.
7.00	Top of Spur, bears East & West and descend.
11.00	Cross Wash, 30 lks. wide, Course West. and ascend.
30.00	Top of Spur, bears East & West. and descend.
35.00	Enter Meddow bears East & West.
40.00	Set a Line stone 14 x 12 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
71.00	Leave Meddow bears East & West.
80.00	Set a Sand stone 12 x 13 x 4 ins. 8 ins. in the ground for Cor. to Secs. 15, 16, 21 & 22 marked with 3 notches on S. and 3 notches on E. edges, dug-pits 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 Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 15 and 22.
	Variation 15° 35' East.
	Over rolling land.
6.00	Cross Wash, 30 lks. wide, Course S.35 E and ascend.
40.00	Set temporary ¼ Sec. Cor.
79.97	Intersect N. & S. line, 40 lks. North of cor. to secs. 14, 15, 22, 23 from which corner, I run N. 89° 43' W. on a true line between sections 15 & 22
	Variation 15° 35' East
39.99	Set a Line stone 10 x 10 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on North face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.97	The corner to sections 15, 16, 21 & 22
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West
6th Principal Meridian.

Chains	North, between Sections 15 and 16.
	Variation 15° 36' East.
6.00	Cross Wash, 20 lks. wide, Course S. 35 E and ascend.
37.00	Top of Spur, bears N. W. & S. E. and descend.
40.00	Set a sand stone 16 x 14 x 9 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a sand stone 14 x 12 x 6 ins. 9 ins. in the ground for Cor. to Secs. 9, 10, 15 & 16 marked with 4 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West
6th Principal Meridian.

Chains	East, on a random line between Sections 10 and 15.
	Variation 15° 10' East.
	Ascend. gradually.
40.00	Set temporary ¼ Sec. Cor. on
	Top of Hill bears N. W. and S. E. and descend.
62.17	Cross Gulch, 20 lks. wide, Course N. and ascend.
79.82	Intersect N. & S. line, 16 lks. North of cor. to secs. 10, 11, 14 & 15 from which corner, I run
	N. 89° 53' W. on a true line between sections 10 & 15.
	Variation 15° 10' East
39.91	Set a sand stone 12 x 10 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.
79.82	The corner to sections 9, 10, 15 & 16
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 9 and 10.
	Variation 15° 30' East.
	Ascend. gradually.
10.00	Top of Hill bears East & West. and descend.
20.00	Enter dry Lake bears E. & W.
40.00	Set a sand stone 10 x 10 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
42.00	Leave dry lake bears E & W. and ascend
61.00	Top of Hill bears East & West. and descend.
69.00	Cross Gulch, 20 lks. wide, Course East and ascend.
80.00	Set a sand stone 12 x 6 x 6 ins. 8 ins. in the ground for Cor. to Secs. 3, 4, 9 & 10 marked with 5 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Top of Spur, bears East & West and descend.
	Land 58.00 chs. mountainous. 2nd 22.00 chs. level
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East on a random line between Sections 3 and 10.
	Variation 15° 20' East.
	Along on top of hill.
40.00	Set temporary ¼ Sec. Cor.
51.00	Top of Hill bears N. W. and S. E. and descend.
80.10	Intersect N. & S. line, 13 lks. South of cor. to secs. 2, 3, 10 & 11 from which corner, I run S. 89° 54' W. on a true line between sections 3 & 10
	Variation 15° 20' East
	~~Top of Hill bears~~ ~~and descend.~~
40.06	Set a sand stone 14 x 12 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on North 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 3, 4, 9 & 10
	Land rolling and flat.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, on a random line between Sections 3 and 4.
	Variation 15° 20' East.
	Descend. gradually.
4.00	Cross Gulch, 50 lks. wide, Course East and ascend.
14.50	Top of Hill bears East and West and descend.
40.00	Set temporary ¼ Sec. Cor.
47.00	Cross Wash, 20 lks. wide, Course S. E. and ascend.
54.00	Top of Hill bears S. 60° E. & N. 60° W. and descend.
60.00	Foot of hill bears S. 60° E. & N. 60° W.
80.13	Intersect N. B. of Tp. 47 lks. West of cor. to secs. 3, 4, 33 & 34 from which corner, I run S. 20 W. on a true line, between sections 3 & 4
	Variation 15° 20' East.
40.~~17~~ .13	Set a sand stone 12 x 10 x 10 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and N. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.13	The corner to sections 3, 4, 9 & 10
	Land 60.00 Chs. mountainous and 20.13 Chs. level.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Nov. 2nd 1882
D. F. Hicky

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 32 and 33.
	Variation 16° 46' East.
	Ascend. gradually.
19.60	Top of Spur, bears East and West and descend.
33.00	Cross Wash, 40 lks. wide, Course N. 86 E. and ascend.
40.00	Set a sand stone 12 x 6 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 Spur, bears East & West and descend.
80.00	Set a lime stone 12 x 8 x 6 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. 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 Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33.
	Variation 15° 36' East.
	Descend.
11.00	Cross Wash, 30 lks. wide, Course S. 70 E. and ascend.
35.00	Top of Spur, bears N. W. & S. E. and descend.
40.00	Set temporary ¼ Sec. Cor.
55.84	Cross Wash, 30 lks. wide, Course S. 20 E. and ascend.
79.96.	Intersect N. & S. line, 19 lks. North of cor. to secs. 27, 28, 33, 34 from which corner, I run N. 89° 52' W. on a true line between sections 28 & 33.
	Variation 15° 35' East
39.98	Set a line stone 12 x 10 x 7 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., 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 28, 29, 32 & 33
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian

Chains	North, between Sections 28 and 29.
	Variation 15° 20' East.
13.40	Cross Wash, 30 lks. wide, Course E. and ascend.
36.00	Top of Spur, bears S. E. and N. W. and descend.
40.00	Set a sand stone 12 x 10 x 7 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
41.00	Cross Wash, 20 lks. wide, Course S. 75 E. and ascend.
47.00	Top of Spur, bears East & West and descend.
80.00	Set a line stone 14 x 12 x 9 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.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West
6th Principal Meridian.

Chains	East, on a random line between Sections 21 and 28.
	Variation 15° 30' East.
4.00	Top of Spur, bears N. W. & S. E. and descend.
18.00	Cross Wash, 40 lks. wide, Course S. 50 E. and ascend.
33.00	Top of Spur, bears N. W. & S. E. and descend.
40.00	Set temporary ¼ Sec. Cor.
60.80	Cross Wash, 40 lks. wide, Course S. 40 E. and ascend.
79.81	Intersect N. & S. line, 8 lks. South of cor. to secs. 21, 22, 27, 28 from which corner, I run S. 89° 57' W. on a true line between sections 21 & 28.
	Variation 15° 30' East
39.91	Set a Sand stone 13 x 8 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on South 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 20, 21, 28 & 29
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West
6th Principal Meridian

Chains	North, between Sections 20 and 21.
	Variation 15° 30' East.
	Ascend.
9.00	Top of Spur, bears East & West and descend.
33.00	Cross Wash, 20 lks. wide, Course East and ascend.
40.00	Set a Lime 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.
48.00	Top of Spur, bears East & West and descend.
63.00	Cross Wash, 50 lks. wide, Course S. 80 E. and ascend.
74.00	Top of Spur, bears N. W. & S. E. and descend.
80.00	Set a Lime stone 14 x 8 x 8 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 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	
	East, on a random line between Sections 16 and 21.
	Variation 15° 35' East.
	Over rolling land.
30.00	Top of Spur, bears N. W. & S. E. and descend.
40.00	Set temporary ¼ Sec. Cor.
79.88	Intersect N. & S. line, 23 lks. South of cor. to secs. 15, 16, 21, & 22 from which corner, I run S. 89° 50' W. on a true line between sections 16 & 21
	Variation 15° 35' East
39.94	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., 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 rolling.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	
	North, between Sections 16 and 17.
	Variation 15° 20' East.
	Descend. gradually
10.16	Cross Wash, 96 lks. wide, Course S. 85 E and ascend.
17.00	Top of Spur, bears East & West and descend.
40.00	Set a Lime 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.
54.00	Cross Wash, 20 lks. wide, Course S. 60 E and ascend.
62.00	Top of Spur, bears East & West and descend.
69.55	Cross Road, bears S. 30 E and N. 30 W.
80.00	Set a Lime stone 14 x 12 x 5 ins. 9 ins. in the ground for Cor. to Secs. 8 9 16 & 17 marked with 4 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16.
	Variation 15° 30' East.
15.00	Cross Wash, 40 lks. wide, Course S. 65 E. and ascend.
40.00	Set temporary ¼ Sec. Cor.
54.00	Top of Spur, bears S. E. & N. W. and descend.
79.69	Intersect N. & S. line, 17 lks. North of cor. to secs. 9, 10, 15 & 16 from which corner, I run
	N. 89° 53' W. on a true line between sections 9 & 16
	Variation 15° 30' East
39.85	Set a line stone 13 x 11 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.
79.69	The corner to sections 8, 9, 16 & 17
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 8 and 9.
	Variation 15° 15' East.
	Descend gradually.
3.00	Cross Wash, 20 lks. wide, Course S. 85 E. and ascend. gradually.
40.00	Set a sand stone 13 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.
55.00	Top of Spur, bears East & West and descend.
61.10	Cross Wash, 50 lks. wide, Course East and ascend.
71.00	Cross Road, bears East & West.
80.00	Set a line stone 16 x 14 x 9 ins. 12 ins. in the ground for Cor. to Secs. 4 5 8 & 9 marked with 5 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land 25.00 chs mountainous, and 55.00 chs. Rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 4 and 9.
	Variation 15° 20' East.
5.00	Cross Road, bears N. 10 E. & S. 10 W. and ascend gradually
40.00	Set temporary ¼ Sec. Cor.
66.00	Top of Spur, bears N. 24 W. & S. 24 E. ~~and descend~~.
79.62	Intersect N. & S. line, 11 lks. South of cor. to secs. 3, 4, 9 & 10 from which corner, I run S. 89° 55' W. on a true line between sections 4 & 9.
	Variation 15° 20' East
39.76	Set a line stone 16 x 10 x 4 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.62	The corner to sections 4, 5, 8 & 9
	Land Rolling and flat.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, on a random line between Sections 4 and 5.
	Variation 15° 20' East.
	Over rolling land.
22.00	Top of Spur, bears N. W. & S. E. and descend. gradually.
40.00	Set temporary ¼ Sec. Cor.
79.83	Intersect N. B. of Tp. 16 lks. West of cor. to secs. 4, 5, 32 & 33 from which corner, I run S. 7' W. on a true line, between sections 4 & 5
	Variation 15° 20' East.
39.~~94~~ 83	Set a line 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.
79.83	The corner to sections 4, 5, 8 & 9
	Land Rolling.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

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

Nov. 2nd. 1882

Henry J. Manning
Compassman

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 31 and 32.
	Variation 15° 36' East.
	Ascend. gradually.
8.00	Top of Spur, bears N. W. & S. E. and descend.
40.00	Set a line stone 15 x 10 x 5 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
41.86	Cross Wash, 10 lks. wide, Course East and ascend.
80.00	Set a line stone 12 x 10 x 7 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 mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 29 and 32.
	Variation 15° 35' East.
	Descend. gradually.
27.00	Cross Wash, 50 lks. wide, Course N. 85 E. and ascend.
38.00	Top of Spur, bears N. E. and S. W. and descend.
40.00	Set temporary ¼ Sec. Cor.
67.00	Cross Wash, 30 lks. wide, Course N. 64 E. and ascend.
76.00	Top of Spur, bears North & South and descend.
79.86	Intersect N. & S. line, 12 lks. North of cor. to secs. 28, 29, 32, 33 from which corner, I run N. 89° 55' W. on a true line between sections 29 & 32
	Variation 15° 35' East
39.93	Set a line stone 18 x 14 x 12 ins., 13 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 29, 32, 31 & 32
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Nov. 3rd. 1882
D. F. Hickey.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	
	West, on a random line between Sections 30 and 31.
	Variation 15° 26' East.
	Ascend.
9.00	Top of Spur, bears S. E. and N. W. and descend.
27.00	Cross Wash, 40 lks. wide, Course S. 40 E. and ascend.
40.00	Set temporary ¼ Sec. Cor.
62.50	Top of Spur, bears North & South and descend.
79.81	Intersect W. B. of Tp. 21 lks. North of cor. to secs. 26, 30, 31 & 36 from which corner, I run N. 89° 51' E on a true line, between sections 30 & 31
	Variation 15° 26' East.
39.81	Set a lime stone 13 x 11 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.
79.81	The corner to sections 29, 30, 31 & 32
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Nov. 3rd. 1882
Henry J. Manning
Compassman

Township 31 North Range 46 West

6th Principal Meridian

Chains	
	North, between Sections 29 and 30.
	Variation 15° 15' East.
	Ascend. gradually.
4.00	Top of Spur, bears East & West and descend.
18.00	Cross Wash, 30 lks. wide, Course S. 65 E. and ascend.
37.00	Top of Spur, bears N. 70 E & S. 70 W. and descend.
40.00	Set a lime 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.
49.00	Cross Wash, 40 lks. wide, Course S. 60 E. and ascend.
73.00	Top of Spur, bears N. 65 E. S. 65 W. and descend.
80.00	Set a sand stone 12 x 9 x 7 ins. 8 ins. in the ground for Cor. to Secs. 19, 20, 29 & 30 marked with 2 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29.
	Variation 16° 30' East.
	Descend. gradually.
40.00	Set temporary ¼ Sec. Cor.
60.20	Cross Wash, 40 lks. wide, Course N. 80 E and ascend.
79.94	Intersect N. & S. line, 40 lks North of cor. to secs. 20, 21, 28 & 29 from which corner, I run
	N. 89° 48' W. on a true line between sections 20 & 29.
	Variation 16° 30' East
39.97	Set a lime stone 14 x 12 x 9 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.94	The corner to sections 19, 20, 29 & 30
	Land rolling.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Nov. 3rd. 1882
W. L. Hickey

Township 31 North Range 46 West

6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30.
	Variation 16° 00' East.
	Ascend. gradually.
20.00	Top of Spur, bears N. W. & S. E. and descend.
39.00	Cross Wash, 40 lks. wide, Course S. 40 E and ascend.
40.00	Set temporary ¼ Sec. Cor.
64.00	Top of Spur, bears N. E. and S. W. and descend.
79.64	Intersect W. B. of Tp. 57 lks. North of cor. to secs. 19, 24, 25 & 30 from which corner, I run
	N. 89° 36' E on a true line, between sections 19 & 30
	Variation 16° 00' East.
39.64	Set a sand stone 14 x 10 x 10 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.64	The corner to sections 19, 20, 29 & 30
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Nov. 3rd. 1882.
Henry J. Manning
Compassman.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 19 and 20.
	Variation 15° 40' East.
	Over rolling land.
19.00	Cross Wash, 30 lks. wide, Course S.65 E and ascend.
33.30	Top of Spur, bears N.30 W. & S.30 E. and descend.
40.00	Set a line 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.
42.00	Cross Wash, 40 lks. wide, Course S.80 E. and ascend.
75.00	Top of Spur, bears East & West and descend.
80.00	Set a sand stone 10 x 10 x 6 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 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude reversing apparatus, and found them correct.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20.
	Variation 15° 40' East.
	Descend gradually.
33.00	Cross Wash, 40 lks. wide, Course N.66 E and ascend.
40.00	Set temporary ¼ Sec. Cor.
50.00	Top of Spur, bears North & South and descend.
80.03	Intersect N. & S. line, 64 lks. North of cor. to secs. 16, 17, 20 & 21 from which corner, I run N.89° 38' W. on a true line between sections 17 & 20
	Variation 15° 40' East
40.02	Set a line stone 14 x 12 x 10 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.03	The corner to sections 17, 18, 19 & 20
	Land Mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush Bunchgrass.
	Nov. 3rd. 1882
	D. F. Hickey

Township 31 North Range 46 West

6th Principal Meridian.

Chains	
	West, on a random line between Sections 18 and 19.
	Variation 15° 15' East.
	Ascend.
2.00	Top of Spur, bears North & South and descend.
24.96	Cross Wash, 18 lks. wide, Course N. 40 E. and ascend.
40.00	Set temporary ¼ Sec. Cor.
49.50	Top of Spur, bears N. E. & S. W. and descend.
79.28	Intersect W. B. of Tp. 41 lks. North of cor. to secs. 13, 18, 19 & 24 from which corner, I run N 89° 42' E on a true line, between sections 18 & 19.
	Variation 15° 15' East.
39.28	Set a line stone 10 x 10 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.28	The corner to sections 17, 18, 19 & 20
	Land Rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Nov. 3rd. 1882

Henry J. Manning

Compass man

Township 31 North Range 46 West

6th Principal Meridian.

Chains	
	North, between Sections 17 and 18.
	Variation 15° 40' East.
11.00	Cross Wash, 20 lks. wide, Course S. 80 E. and ascend.
29.00	Top of Spur, bears East & West and descend.
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.
41.64	Cross Wash, 40 lks. wide, Course E. and ascend.
51.00	Top of Spur, bears East & West and descend.
74.00	Cross Wash, 30 lks. wide, Course E. and ascend.
80.00	Set a sand stone 14 x 13 x 6 ins. 9 ins. in the ground for Cor. to Secs. 7, 8, 17 & 18 marked with 4 notches on S. and 5 notches on E. edges. dug pits 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 Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 8 and 17. Variation 15° 15' East.
23.13	Cross Wash, 30 lks. wide, Course S. 80 E. and ascend.
39.00	Top of Spur, bears North & South and descend.
40.00	Set temporary ¼ Sec. Cor.
72.84	Cross Road, bears S. 30 E. N. 30 W.
79.82	Intersect N. & S. line, 26 lks. North of cor. to secs. 8, 9, 16 & 17 from which corner, I run N. 89° 49' W. on a true line between sections 8 & 17. Variation 15° 15' East
39.91	Set a lime stone 12 x 9 x 7 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.82	The corner to sections 7, 8, 17 & 18

Land mountainous.

Soil 2nd. & 3rd rate

Vegetation Sagebrush & Bunchgrass

Nov. 3rd. 1882

D. F. Hickey

Township 31 North Range 46 West

6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18. Variation 15° 45' East.
	Ascend.
22.00	Top of Spur, bears North & South and descend.
40.00	Set temporary ¼ Sec. Cor.
65.08	Cross Wash, 30 lks. wide, Course S. 35 E. and ascend.
79.13	Intersect N. B. of Tp. 18 lks. North of cor. to secs. 7, 12, 13 & 18 from which corner, I run N. 89° 52' E. on a true line, between sections 7 & 18 Variation 15° 46' East.
39.13	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.
79.13	The corner to sections 7, 8, 17 & 18

Land mountainous.

Soil 2nd. & 3rd rate

Vegetation Sagebrush & Bunchgrass

Nov. 3rd. 1882

Henry J. Manning

Compassman

Township 31 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 7 and 8.
	Variation 15° 35' East.
	Descend.
6.50	*Cross Wash, 30 lks. wide, Course S 40 E. and ascend.*
25.00	*Top of Spur, bears N. W. and S. E. and descend.*
40.00	*Set a* line *stone 16 x 12 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.*
48.54	*Cross Wash, 20 lks. wide, Course S. 55 E and ascend.*
49.00	*Cross Road, bears N. 75 E. S. 75 W.*
53.00	*Top of Spur, bears East & West and descend.*
80.00	*Set a* line *stone 20 x 15 x 4 ins. 16 ins. in the ground for Cor. to Secs. 5, 6, 7 & 8 marked with 5 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 5 and 8.
	Variation 15° 30' East.
	Descend.
12.14	*Cross Wash, 20 lks. wide, Course S. 30 E and ascend.*
27.00	*Top of Spur, bears N. W. and S. E. and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
60.19	*Cross Wash, 20 lks. wide, Course S. and ascend.*
79.68	*Intersect N. & S. line, 74 lks. North of cor. to secs. 4, 5, 8 & 9 from which corner, I run N. 89° 28' W. on a true line between sections 5 & 8*
	Variation 15° 30' East
39.84	*Set a* line *stone 12 x 8 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.68	*The corner to sections 5, 6, 7 & 8*
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

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

Nov. 3rd. 1882

D. J. Hickey

Township 31 North Range 46 West

6th Principal Meridian.

Chains	West, on a random line between Sections 6 and 7.
	Variation 15° 30' East.
8.00	Cross Road, bears N. 45 E. & S. 45 W. and ascend
28.00	Top of Spur, bears N. W. & S. E. and descend.
33.94	Cross Wash, 20 lks. wide, Course S. and ascend.
40.00	Set temporary ¼ Sec. Cor.
71.00	Top of Spur, bears N. W. and S. E. and descend.
78.80	Intersect W. B. of Tp. 60 lks. North of cor. to secs. 1, 6, 7 & 12 from which corner, I run N. 89° 34' E. on a true line, between sections 6 & 7.
	Variation 15° 30' East.
38.80	Set a lime stone 14 x 10 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
78.80	The corner to sections 5, 6, 7 & 8.
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 46. West

6th Principal Meridian.

Chains	North, on a random line between Sections 5 and 6.
	Variation 15' 15' East.
	Ascend.
12.30	Cross Road, bears N. 45 E & S. 45 W.
38.00	Top of Spur, bears N. 20 W. & S. 20 E and descend.
40.00	Set temporary ¼ Sec. Cor.
43.00	Cross Wash, 20 lks. wide, Course S 83 E and ascend.
80.06	Intersect S. B. of Tp. 42 lks. East of cor. to secs. 5, 6, 31 & 32 from which corner, I run S. 18' E. on a true line, between sections 5 & 6.
	Variation 15° 15' East.
40.06	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.
80.06 ~~78.80~~	The corner to sections 5, 6, 7 & 8
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	Nov. 3rd. 1882
	Henry J. Manning
	Compassman

GENERAL DESCRIPTION.

The land in this Township is generally rolling & mountainous —

The soil is 2nd & 3rd rate It is well watered by numerous creeks & streams The Township is covered with a fine growth of hardwood which affords excellent grazing

The Township is well adapted to grazing and agriculture

U. S. Surveyor General's Office.

Plattsmouth Neb. 1883

The foregoing Field Notes of the Retracings, and surveys of the Subdivision Lines of Township No. 31 North of Range No. 46 West of the Principal Base and Meridian in the State of Neb. executed by D. F. Hickey, U. S. Deputy Surveyor, under his contract No. 4 dated Nov. 10, 1881, in the Mo. of Nov. 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

D. F. Hickey Deputy Surveyor.

T. 32 **North R.** 46 **West.**

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 32 North Range 46 West

6th Principal Meridian.

BY

D. F. Hickey Deputy Surveyor.

Under his Contract of Nov. 10th 1881

Survey Commenced Dec 4 - 1882

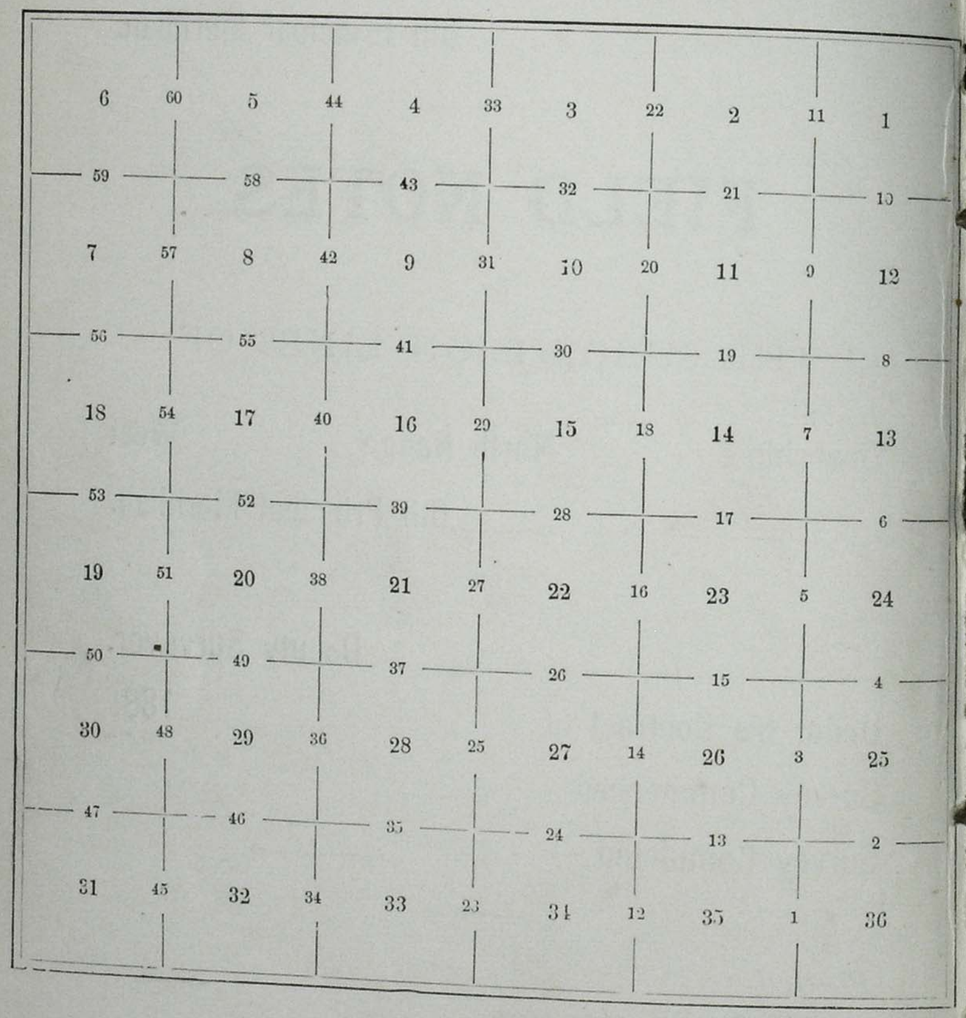
Survey Completed " 7 - 1882

Platted,
Copied for Washington,
Copied for Register,

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

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

.....6th Principal Meridian.



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

.....6th Principal Meridian.

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

..... 6th Principal Meridian

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

..... 6th Principal Meridian.

Survey made with Burt's Patent Improved Solar Compass, nearly new, and in first rate order. Made by W. V. L. E. Gurley *of* Troy N. Y. *in* 1879

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

Township 32 North Range 46 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° 25' East.
	Ascend. gradually
27.00	Top of Spur, bears East + West and descend.
40.00	Set a sand stone 4 x 7 x 10 ins., 3 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.
43.30	Cross Gulch, 35 lks. wide, Course S. 40 E. and ascend.
52.00	Top of Ridge, bears East + West and descend.
61.00	Cross Gulch, 60 lks. wide, Course S. 70 E. and ascend.
80.00	Set a lime stone 14 x 9 x 7 ins. 9 ins. in the ground for Cor. to Secs. 25, 26, 35 + 36 marked with 1 notch on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 25 and 36.
	Variation 15° 10' East.
	Ascend.
7.20	Top of Spur, bears North + South and descend.
13.30	Cross Gulch, 20 lks. wide, Course S. 15 E. and ascend.
23.00	Top of Spur, bears North + South and descend.
40.00	Set temporary ¼ Sec. Cor.
61.22	Cross Wash, 24 lks. wide, Course S. 50 E. and ascend.
80.07	Intersect E. B. of Tp. 32 lks. South of cor. to secs. 25. 30. 31 + 36 from which corner, I run S. 89° 46' W on a true line, between sections 25 + 36
	Variation 15° 10' East.
40.04	Set a sand stone 10 x 8 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N 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 25. 26. 35 + 36
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West
6th Principal Meridian.

Chains.	North, between Sections 25 and 26. Variation 15° 10' East.
	Descend.
11.00	Cross Gulch, 40 lks. wide, Course S 80 W and ascend.
20.00	Top of Spur, bears East + West and descend.
40.00	Set a sand stone 11 x 7 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.
60.45	Cross Wash, 27 lks. wide, Course S 20 W and ascend.
80.00	Set a sand stone 16 x 14 x 8 ins. 12 ins. in the ground for Cor. to Secs. 23.24.25+26 marked with 2 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West
6th Principal Meridian.

Chains	East, on a random line between Sections 24 and 25. Variation 15° 10' East.
	Descend. gradually
32.16	Cross Wash, 100 lks. wide, Course S. 25 E and ascend.
40.00	Set temporary ¼ Sec. Cor.
64.00	Top of Spur, bears North + South and descend.
79.94	Intersect E B. of Tp. 26 lks. South of cor. to secs. 19.24.25 + 30 from which corner, I run S 89° 49' W. on a true line, between sections 24 + 25 Variation 15° 10' East.
39.97 ~~40.00~~	Set a sand stone 10 x 8 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N. 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 23.24.25 + 26
	Land Rolling.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 23 and 24.
	Variation 15° 15' East.
	Ascend.
22.00	Top of Spur, bears East + West and descend.
29.86	Cross Gulch, 20 lks. wide, Course S. 30 E. and ascend.
37.20	Top of Spur, bears East + West and descend.
40.00	Set a sand stone 10 x 10 x 5 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
42.06	Cross Wash, 20 lks. wide, Course S. 30 E. and ascend.
58.00	Top of Dividing Ridge bet. water of White River and Running water bears E. + W.
80.00	Set a sand stone 13 x 11 x 8 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.
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 13 and 24.
	Variation 15° 10' East.
27.00	Cross low Sag and ascend.
40.00	Set temporary ¼ Sec. Cor.
58.00	Top of Dividing Ridge bears N. E. + S. W.
80.11	Intersect E. B. of Tp. 47 lks. South of cor. to secs. 13. 18. 19 + 24 from which corner, I run S 89° ~~39'~~ 42' W on a true line, between sections 13 + 24
	Variation 15° 10' East.
~~40.00~~ 40.06	Set a sand stone 16 x 14 x 8 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.11	The corner to sections 13. 14. 23. + 24
	Land rolling.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 13 and 14.
	Variation 15° 15' East.
	Descend.
16.30	*Cross Gulch, 55 lks. wide, Course N.30 W and ascend.*
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.*
67.00	*Cross Wash, 13 lks. wide, Course N.20 W and ascend.*
72.00	*Top of Spur, bears* East + West *and descend.*
80.00	*Set a* lime *stone 16 x 14 x 10 ins. 11 ins. in the ground for Cor. to Secs. 11, 12, 13 + 14 marked with 4 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*
	Land Rolling.
	Soil 2nd + 3rd *rate*
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 12 and 13.
	Variation 15° 35' East.
	Ascend.
9.00	*Top of Ridge, bears* North + South *and descend.*
21.62	*Cross Gulch, 25 lks. wide, Course N.20 W and ascend.*
32.00	*Top of Spur, bears* North + South *and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
48.42	*Cross Wash, 24 lks. wide, Course N.10 W and ascend.*
63.00	*Top of Spur, bears* North + South *and descend.*
79.97	*Intersect E. B. of Tp. 23 lks. S. of cor. to secs. 7, 12, 13 + 18 from which corner, I run S.89° 50' W on a true line, between sections 12 + 13*
	Variation 15° 35' East.
39.99	*Set a* sand *stone 12 x 12 x 10 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.97	*The corner to sections 11, 12, 13, 14*
	Land mountainous.
	Soil 2nd + 3rd *rate*
	Vegetation Sagebrush + Bunchgrass
	Timber of Scattering Pine.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 11 and 12. Variation 15° 25′ East.
	Ascend.
20.00	*Top of Ridge, bears East + West and descend.*
40.00	*Set a sand stone 11 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.*
79.70	*Cross Gulch, 45 lks. wide, Course N.22 W and ascend.*
80.00	*Set a sand stone 15 x 9 x 7 ins. 10 ins. in the ground for Cor. to Secs. 1, 2, 11 + 12 marked with 5 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*
	Land Rolling.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 15° 20′ East.
	Ascend.
7.60	*Top of Spur, bears North + South and descend.*
21.12	*Cross Gulch, 70 lks. wide, Course N. and ascend.*
30.00	*Top of Spur, bears North + South and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
59.82	*Cross Wash, 40 lks. wide, Course N.30 E and ascend.*
80.04	*Intersect E B. of Tp. 49 lks. South of cor. to secs. 1. 6. 7 + 12 from which corner, I run S. 89° 39′ W on a true line, between sections 1 + 12*
	Variation 15° ~~15′~~ 20′ East.
40.02	*Set a line stone 10 x 10 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
80.04	*The corner to sections 1. 2. 11 + 12*
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 1 and 2. Variation 15° 15' East.
12.00	Cross low Sag 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.
44.00	Top of Ridge, bears N. W. & S. E. and descend.
55.00	Cross Road, bears N. 70 E & S. 70 W.
67.29	Intersect the 8th Standard Parallel North at a point 3.54 chs. East of the Standard Cor. to Secs. 31 and 36 T. 33 N R. 46 W. at which point I
	Set a sand stone 19 x 17 x 8 ins. 15 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 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. Nov. 4th 1882

D. F. Hickey.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 34 and 35. Variation 15° 10' East.
7.10	Cross Wash, 40 lks. wide, Course S. 20 W and ascend.
17.00	Top of Spur, bears East & West and descend.
36.00	Cross Wash, 60 lks. wide, Course S. 20 W and ascend.
40.00	Set a sand stone 4 x 7 x 10 ins., 3 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	Top of Ridge, bears East & West and descend.
67.30	Cross Wash, 38 lks. wide, Course S. 35 E and ascend.
80.00	Set a sand stone 10 x 10 x 8 ins. 7 ins. in the ground for Cor. to Secs. 26, 27, 34 & 35 marked with 1 notch on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 26 and 35.
	Variation 15° 10' East.
	Ascend.
14.30	*Top of Spur, bears* North + South *and descend.*
27.14	*Cross Gulch, 20 lks. wide, Course* S. 30 E *and ascend.*
40.00	*Set temporary ¼ Sec. Cor.*
46.00	*Top of Spur, bears* S. E + N. W. *and descend.*
66.00	*Cross Gulch, 35 lks. wide, Course* S. 30 E *and ascend.*
79.88	*Intersect N. & S. line,* 46 *lks.* South *of cor. to secs. 25.26.35.+36 from which corner, I run S. 89° 40' W. on a true line between sections 26 + 35*
	Variation 15° ~~15'~~ 10' East
39.94 ~~40.00~~	*Set a* sand *stone 8 x 10 x 14 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. 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 26.27.34.+35*
	Land mountainous.
	Soil 2nd + 3rd *rate*
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 26 and 27.
	Variation 15° 15' East.
	Ascend.
20.00	*Top of Ridge, bears* East + West *and descend.*
33.22	*Cross Wash, 25 lks. wide, Course* S. 70 E ~~and ascend~~.
40.00	*Set a* sand *stone 11 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.*
55.52	*Cross Wash, 30 lks. wide, Course E. and ascend.*
60.00	*Top of Spur, bears* East + West *and descend.*
77.75	*Cross Gulch, 60 lks. wide, Course* S. 45 E *and ascend.*
80.00	*Set a* sand *stone 18 x 12 x 9 ins. 13 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 57.70 chs. *mountainous.* and 22.30 chs. Rolling.
	Soil 2nd + 3rd *rate*
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 23 and 26.
	Variation 15° 15′ East.
3.00	Cross Wash, 30 lks. wide, Course S. and ascend.
7.00	Top of Spur, bears North + South and descend.
15.14	Cross Wash, 30 lks. wide, Course S.20 W and ascend.
32.00	Top of Spur, bears S.E. + N.W. and descend.
40.00	Set temporary ¼ Sec. Cor.
47.10	Cross Wash, 15 lks. wide, Course S. and ascend.
70.00	Top of Spur, bears North + South and descend.
80.04	Intersect N. & S. line, 34 lks. South of cor. to secs. 23.24.25+26 from which corner, I run S.89.45′ W. on a true line between sections 23+26
	Variation 15° 15′ East
40.02	Set a sand stone 17 x 14 x 9 ins., 13 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 22, 23. 26 + 27
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 22 and 23.
	Variation 15° 10′ East.
	Ascend.
17.25	Top of Spur, bears East + West and descend.
26.13	Cross Gulch, 40 lks. wide, Course S.35 E 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.
46.00	Top of Ridge, bears East + West and descend.
55.70	Cross Gulch, 36 lks. wide, Course N.70 W and ascend.
76.00	Top of Spur, bears East + West and descend.
80.00	Set a sand stone 14 x 10 x 8 ins. 10 ins. in the ground for Cor. to Secs. 14.15.22+23 marked with 3 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 14 and 23.
	Variation 15° 15′ East.
15.32	Cross Gulch, 70 lks. wide, Course N.20 W and ascend.
27.00	Top of Ridge, bears North + South and descend.
40.00	Set temporary ¼ Sec. Cor.
45.80	Cross Wash, 30 lks. wide, Course N. and ascend.
79.83	Intersect N. & S. line, 10 lks. South of cor. to secs. 13.14.23+24 from which corner, I run S.89° 56′ W. on a true line between sections 14 + 23
	Variation 15° 15′ East
39.92 ~~40.00~~	Set a sand stone 9 x 8 x 8 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.83	The corner to sections 14.15,22+23
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 14 and 15.
	Variation 15° 10′ East.
20.00	Top of Spur, bears East + West and descend.
28.50	Cross Gulch, 36 lks. wide, Course W.
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.
58.35	Cross Gulch, 400 lks. wide, Course N.40 W and ascend.
74.00	Top of Ridge, bears East + West and descend.
80.00	Set a sand stone 10 x 10 x 8 ins. 7 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 50.15 chs. mountainous. and 29.85 chs. Rolling
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 11 and 14. Variation 15° 25' East.
12.15	Cross Wash, 60 lks. wide, Course N.30W and ascend.
25.00	Top of Spur, bears North + South and descend.
40.00	Set temporary ¼ Sec. Cor.
46.20	Cross Wash, 40 lks. wide, Course N.35W and ascend.
63.00	Top of Spur, bears S. E + N. W. and descend.
79.80	Intersect N. & S. line, 8 lks. South of cor. to secs. 11, 12, 13 + 14 from which corner, I run S.89° 57' W. on a true line between sections 11 + 14 Variation 15° 25' East
39.90	Set a sand stone 8 x 8 x 10 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.80	The corner to sections 10, 11, 14 + 15 in low Sag.

Land mountainous.

Soil 2nd + 3rd rate

Vegetation Sagebrush + Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 10 and 11. Variation 15° 25' East.
	Ascend.
10.00	Top of Spur, bears East + West and descend.
22.50	Cross low Sag and ascend.
28.00	Top of Spur, bears East + West and descend.
33.22	Cross Road, bears, bears N.35 E. + S.35 W.
40.00	Set a sand stone 12 x 7 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.
41.50	Cross Creek 20 lks. wide, Course N.30W and ascend.
65.00	Top of Spur, bears East + West and descend.
79.70	Cross Gulch, 100 lks. wide, Course N.80W and ascend.
80.00	Set a sand stone 14 x 10 x 10 ins. 16 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 2nd + 3rd rate

Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 2 and 11. Variation 15° 15' East.
	Descend.
16.30	Cross Gulch, 120 lks. wide, Course S.40 W and ascend.
20.00	Top of Spur, bears North + South and descend.
29.53	Cross Gulch, 100 lks. wide, Course N.30 W and ascend.
32.70	Cross Road, bears N.10 W + S.10 E. to Camp Sheridan
40.00	Set temporary ¼ Sec. Cor.
60.00	Top of Spur, bears North + South and descend.
77.00	Cross Gulch, 28 lks. wide, Course N.15 W and ascend.
79.96	Intersect N. & S. line, 6 lks. South of cor. to secs. 1.2.11 + 12 from which corner, I run S.89° 57' W. on a true line between sections 2 + 11 Variation 15° ~~25~~ 15' East
39.98	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
79.96	The corner to sections 2.3.10 + 11
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian

Chains	North, on a ~~random~~ true line between Sections 2 and 3. Variation 15° 25' East.
8.30	Cross Gulch, 75 lks. wide, Course S.20 W and ascend.
21.50	Top of Spur, bears East + West and descend.
33.12	Cross Gulch, 26 lks. wide, Course N.30 W and ascend.
40.00	Set a sand stone 10 x 10 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
61.00	Cross Wash, 30 lks. wide, Course S.60 W and ascend.
68.10	Intersect the 8th Standard Parallel North at a point 3.62 chs. East of the Standard Cor. to Secs. 36 and 35 T. 33 N R. 46 W at which point I
	Set a sand stone 16 x 13 x 9 ins. 11 ins. in the ground for Closing Cor. to Secs. 2 and 3 marked C. C. with 2 notches on E. and 4 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Nov. 4th 1882.

Henry J. Manning Compassman

Township 32 North Range 46 West
6th Principal Meridian.

Chains	North, between Sections 33 and 34. Variation 15° 20' East.
	Ascend.
13.00	*Top of Spur, bears* East + West *and descend.*
29.84	*Cross low Sag and ascend.*
40.00	*Set a* sand *stone* 7 x 9 x 13 *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.*
55.00	*Top of Spur, bears* East + West *and descend.*
67.00	*Cross Gulch,* 40 *lks. wide, Course* S. 15 E *and ascend.*
80.00	*Set a* sand *stone* 9 x 7 x 6 *ins.* 6 *ins. in the ground for Cor. to Secs.* 27, 28, 33 + 34 *marked with* 1 *notch on S. and* 3 *notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.*
	Land mountainous.
	Soil 2nd + 3rd *rate*
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West
6th Principal Meridian.

Chains	East, on a random line between Sections 27 and 34 Variation 15° 15' East.
	Ascend.
13.50	*Top of Spur, bears* North + South *and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
58.45	*Cross Wash,* 30 *lks. wide, Course* S. 30 E. *and ascend.*
79.79	*Intersect N. & S. line,* 8 *lks.* South *of cor. to secs.* 26, 27, 34 + 35 *from which corner, I run* S. 89° 57' W. *on a true line between sections* 27 + 34 *Variation* 15° 15' *East*
39.90	*Set a* sand *stone* 9 x 6 x 4 *ins.,* 6 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N. *face, dug pits 18 x 18 x 12 ins.,* N. *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.79	*The corner to sections* 27, 28, 33 + 34
	Land Rolling.
	Soil 2nd + 3rd *rate*
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains | North, between Sections 27 and 28.

Ascend gradually Variation 15° 15' East.

14.78 Cross Road, bears N.30 E. + S.30 W. to Camp Sheridan

30.00 Top of Ridge, bears East + West and descend.

40.00 Set a sand stone 14 x 11 x 9 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

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

50.00 Top of Spur, bears East + West and descend.

58.16 Cross Gulch, 35 lks. wide, Course West and ascend.

71.00 Top of Spur, bears NW + SE. and descend.

80.00 Set a sand stone 10 x 8 x 8 ins. 7 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 50.00 chs. mountainous. and 30.00 chs. Rolling.

Soil 2nd + 3rd rate

Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains | East on a random line between Sections 22 and 27.

Variation 15° 10' East.

Ascend.

11.50 Top of Spur, bears North + South and descend.

18.30 Cross Gulch, 40 lks. wide, Course N. and ascend.

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

40.00 Set temporary ¼ Sec. Cor.

46.90 Cross Road, bears, bears N. 15 E. + S 15 W.

47.19 Cross Wash, 12 lks. wide, Course North

77.98 Cross Gulch, 20 lks. wide, Course S.E. and ascend.

79.81 Intersect N. & S. line, 45 lks. South of cor. to secs. 22.23.26+27 from which corner, I run S. 89° 40' W. on a true line between sections 22+27

Variation 15° 10' East

39.91 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.

79.81 The corner to sections 21, 22, 27 + 28 in Lag.

Land 49.02 chs. mountainous. and 30.79 chs. Rolling.

Soil 2nd + 3rd rate

Vegetation Sagebrush + Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 21 and 22. Variation 15° 20′ East.
	Ascend.
8.00	Top of Spur, bears East + West and descend.
17.88	Cross Gulch, 37 lks. wide, Course W. and ascend.
26.00	Top of Ridge, bears East + West and descend.
37.00	Cross Gulch, 20 lks. wide, Course N.50W and ascend.
40.00	Set a sand stone 19 x 17 x 14 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.
51.00	Top of Spur, bears N.W + S.E. and descend.
64.00	Cross Wash, 30 lks. wide, Course N.40E and ascend.
80.00	Set a lime stone 16 x 14 x 9 ins. 12 ins. in the ground for Cor. to Secs. 15. 16. 21 + 22 marked with 3 notches on S. and 3 notches on E. edges, 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 Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 15 and 22. Variation 15° 10′ East.
	Ascend.
6.20	Top of Spur, bears North + South and descend.
18.70	Cross Wash, 20 lks. wide, Course North and ascend.
33.16	Top of Spur, bears N.W. + S.E. and descend.
40.00	Set temporary ¼ Sec. Cor.
46.50	Cross Wash, 30 lks. wide, Course N.40W and ascend.
49.00	Cross Road, bears, North + South
58.50	Top of Spur, bears N.60W. + S.60E and descend.
79.93	Intersect N. & S. line, 26 lks. South of cor. to secs. 14. 15. 22 + 23 from which corner, I run S.89°49′ W. on a true line between sections 15 + 22 Variation 15° 10′ East
39.97	Set a sand stone 10 x 7 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 15. 16. 21 + 22
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains — North, between Sections 15 and 16.

Variation 15° 15' East.

11.95 Cross Wash, 100 lks. wide, Course N.85 E and ascend.

24.00 Top of Spur, bears East + West and descend.

40.00 Set a sand stone 13 x 10 x 7 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

48.87 Cross Wash, 35 lks. wide, Course N.60 E and ascend.

60.00 Top of Ridge, bears East + West and descend.

75.00 Cross Gulch, 80 lks. wide, Course N.45 E and ascend.

80.00 Set a sand stone 14 x 14 x 9 ins. 9 ins. in the ground for Cor. to Secs. 9. 10. 15 + 16 marked with 4 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land mountainous.

Soil 2nd + 3rd rate

Vegetation Sagebrush + Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

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

Variation 15° 25' East.

3.60 Cross Gulch, 25 lks. wide, Course N.30 W and ascend.

22.25 Top of Spur, bears North + South and descend.

36.00 Cross Wash, 130 lks. wide, Course North and ascend.

40.00 Set temporary ¼ Sec. Cor.

44.80 Cross Road, bears, North + South

56.84 Cross Wash, 350 lks. wide, Course N.40 W and ascend.

70.40 Top of Spur, bears NW + S. E. and descend.

79.98 Intersect N. & S. line, 30 lks. South of cor. to secs. 10. 11. 14 + 15 from which corner, I run S. 89° 47' W. on a true line between sections 10 + 15

Variation 15° 25' East

39.99 Set a sand stone 12 x 9 x 7 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., 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 9. 10. 15 + 16

Land mountainous.

Soil 2nd + 3rd rate

Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 15° 10' East.
	Descend.
10.00	Cross Gulch, 28 lks. wide, Course N.20 W and ascend.
31.00	Top of Spur, bears East + West and descend.
36.20	Cross Gulch, 60 lks. wide, Course N.48 W and ascend.
40.00	Set a sand stone 15 x 13 x 8 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
52.00	Cross Gulch, 25 lks. wide, Course West and ascend.
58.00	Top of Spur, bears N.W. + S.E. and descend.
64.92	Cross Gulch, 270 lks. wide, Course N.60 W and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs, 3.4.9.10 marked T, 32 N S, 3 , on N, E, R, 46 W, S. 10 on S, E, S, 9 on S, W, and S, 4 on N, W, face, with 5 notches on S, and 3 notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec,, 5½ ft, dist,, and raised a mound of earth 2 ft, high, 4½ ft, base around post.
	Land 64.82 chs mountainous. and 15.18 chs. flat
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East on a random line between Sections 3 and 10. Variation 15° 25' East.
	Ascend.
3.30	Top of Spur, bears N.W. + S.E. and descend.
11.70	Cross Gulch, 36 lks. wide, Course North and ascend.
35.00	Top of Ridge, bears North + South and descend.
40.00	Set temporary ¼ Sec. Cor.
45.68	Cross Creek 25 lks. wide, Course N.W. and ascend.
59.00	Top of Spur, bears N.W. + S.E. and descend.
78.91	Cross Gulch, 100 lks. wide, Course N.60 W and ascend.
80.06	Intersect N. & S. line, 24 lks. South of cor. to secs. 2.3.10 + 11 from which corner, I run S.89° 50' W. on a true line between sections 3 + 10 Variation 15° 25' East
40.03	Set a sand stone 14 x 10 x 6 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.06	The corner to sections 3.4.9 + 10
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Township 32 North Range 46 West

6th Principal Meridian.

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

Variation 15° 10' East.

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

7.00 Cross low Sag and ascend.

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

21.30 Cross Gulch, 20 lks. wide, Course N.45E and ascend.

35.00 Top of Spur, bears East & West and descend.

40.00 Set a sand stone 4 x 7 x 12 ins., 3 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.

43.20 Cross E. branch of Beaver Creek, 20 lks. wide, course N.60W.

54.00 Top of Spur, bears N.55W & S.55E. and descend.

69.00 Intersect the 8th Standard Parallel North at a point 3.56 chs. East of the Standard Cor. to Secs. 35 and 34 T. 33N R. 46W at which point I

Set a lime stone 10 x 8 x 8 ins. 7 ins. in the ground for Closing Cor. to Secs. 3 and 4 marked C. C. with 3 notches on E. and 3 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land mountainous.

Soil 2nd & 3rd rate

Vegetation Sagebrush & Bunchgrass Nov. 6th 1882 D. F. Hickey

Township 32 North Range 46 West

6th Principal Meridian.

Chains North, between Sections 32 and 33.

Variation 15° 20' East.

Descend gradually.

21.00 Cross Wash, 30 lks. wide, Course S.40E and ascend.

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

40.00 Set a sand stone 18 x 8 x 8 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.

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

80.00 Set a sand stone 14 x 10 x 8 ins. 11 ins. in the ground for Cor. to Secs. 28. 29. 32 & 33 marked with 1 notch on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.

Land mountainous.

Soil 2nd & 3rd rate

Vegetation Sagebrush & Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33. Variation 15° 15' East.
	Ascend.
17.00	Top of Spur, bears NW + S.E. and descend.
23.00	Cross low Sag and ascend.
37.00	Top of Spur, bears NW. + S.E. and descend.
40.00	Set temporary ¼ Sec. Cor.
60.20	Cross Wash, 30 lks. wide, Course S.60E and ascend.
65.34	Cross Road, bears, N.E + S.W
80.27	Intersect N. & S. line, 27 lks. South of cor. to secs. 27.28.33+34 from which corner, I run S.89°48' W. on a true line between sections 28 + 33
	Variation 15° 15' East
40.14	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.
80.27	The corner to sections 28.29.32+33
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian

Chains	North, between Sections 28 and 29. Variation 15° 15' East.
12.00	Top of Spur, bears East + West and descend.
26.83	Cross Gulch, 20 lks. wide, Course East and ascend.
40.00	Set a sand stone 13 x 6 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.
70.00	Top of Spur, bears East + West and descend.
76.63	Cross Wash, 35 lks. wide, Course S.35E and ascend.
80.00	Set a sand stone 12 x 10 x 8 ins. 8 ins. in the ground for Cor. to Secs. 20.21.28+29 marked with 2 notches on S. and 4 notches on E. 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 Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 21 and 28.
	Variation 15° 20' East.
9.30	Top of Spur, bears N.W. + S.E. and descend.
27.00	Cross Gulch, 38 lks. wide, Course S.70 E and ascend.
40.00	Set temporary ¼ Sec. Cor.
44.00	Top of Spur, bears North + South and descend.
61.00	Cross Wash, 30 lks. wide, Course South and ascend.
80.14	Intersect N. & S. line, 46 lks. South of cor. to secs. 21.22.27+28 from which corner, I run S.89° 40' W. on a true line between sections 21 + 28
	Variation 15° 20' East
40.07	Set a sand stone 11 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.
80.14	The corner to sections 20.21.28+29
	Land mountainous.
	Soil 2nd + 3rd rate.
	Vegetation Sagebrush + Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian

Chains	North, between Sections 20 and 21.
	Variation 15°. 10' East.
	Ascend.
15.79	Top of Spur, bears East + West and descend.
31.65	Cross Gulch, 30 lks. wide, Course S.35 E and ascend.
40.00	Set a sand stone 12 x 8 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
41.00	Top of Ridge, bears N.W. + S.E. and descend.
63.00	Cross Gulch, 65 lks. wide, Course N.75 W and ascend.
73.50	Top of Spur, bears East + West and descend.
80.00	Set a sand stone 10 x 6 x 6 ins. 7 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 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 16 and 21.
	Variation 15° 15' East.
23.00	Top of Spur, bears North & South and descend.
27.60	Cross Wash, 22 lks. wide, Course North and ascend.
40.00	Set temporary ¼ Sec. Cor.
46.00	Top of Spur, bears N.W. & S.E., and descend.
68.80	Cross Wash, 40 lks. wide, Course N.40 W and ascend.
79.93	Intersect N. & S. line, 32 lks. South of cor. to secs. 15, 16, 21 & 22 from which corner, I run S 89° 46' W. on a true line between sections 16 & 21
	Variation 15° 15' East
39.97	Set a sand stone 12 x 9 x 7 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., 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 16, 17, 20 & 21
	Land mountainous
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 16 and 17.
	Variation 15° 15' East.
	Ascend.
28.00	Top of Ridge, bears East & West and descend.
36.20	Cross Gulch, 24 lks. wide, Course N.60 W and ascend.
40.00	Set a sand stone 8 x 6 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.
55.00	Top of Ridge, bears N.W. & S.E. and descend.
64.78	Cross Gulch, 40 lks. wide, Course N.40 W and ascend.
80.00	Set a sand stone 12 x 9 x 6 ins. 8 ins. in the ground for Cor. to Secs. 8, 9, 16 & 17 marked with 4 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16.
	Variation 15° 10' East.
14.30	Top of Spur, bears North + South and descend.
23.00	Cross Wash, 56 lks. wide, Course N.15 W and ascend.
40.00	Set temporary ¼ Sec. Cor.
55.00	Top of Ridge, bears North + South and descend.
79.95	Intersect N. & S. line, 28 lks. South of cor. to secs. 9. 10. 15 + 16 from which corner, I run S.89° 48' W. on a true line between sections 9 + 16
	Variation 15° ~~25'~~ 10' East
39.98	Set a sand stone 13 x 6 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.
79.95	The corner to sections 8. 9. 16 + 17
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 8 and 9.
	Variation 15° 25' East.
	Descend gradually
26.00	Cross Wash, 20 lks. wide, Course N.20 W and
	Enter timber bears E + W.
35.25	Cross Gulch, 40 lks. wide, Course N.40 W and ascend.
40.00	Set a sand stone 10 x 6 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.
52.30	Top of Spur, bears East + West and descend.
67.65	Cross Gulch, 20 lks. wide, Course West and ascend.
70.50	Top of Spur, bears NW + S. E. and descend.
80.00	Set a sand stone 14 x 9 x 7 ins. 10 ins. in the ground for Cor. to Secs. 4. 5. 8 + 9 marked with 5 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 4 and 9.
	Variation 15° 10' East.
26.00	Cross low Sag and ascend.
40.00	Set temporary ¼ Sec. Cor.
57.60	Cross Creek 25 lks. wide, Course N.20 W and ascend.
62.00	Top of Spur, bears NW + S. E. and descend.
68.50	Cross Gulch, 200 lks. wide, Course N.35 W and ascend.
80.08	Intersect N. & S. line, 46 lks. South of cor. to secs. 3.4.9 + 10 from which corner, I run S.89° 40' W. on a true line between sections 4 + 9
	Variation 15° ~~40'~~ 10' East
40.04	Set a sand stone 14 x 17 x 9 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.08	The corner to sections 4, 5, 8 + 9
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 4 and 5.
	Variation 15° 40' East.
17.30	Top of Spur, bears East + West and descend.
23.30	Cross Gulch, 35 lks. wide, Course N.60 E and ascend.
40.00	Set a sand stone 10 x 7 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.
46.00	Top of Spur, bears N. 60 E + S. 60 W. and descend.
58.00	Cross Wash, 40 lks. wide, Course N 70 E and ascend.
~~69.90~~ 69.90	Intersect the 8th Standard Parallel North at a point 3.04 chs. East of the Standard Cor. to Secs. 33 and 34 T. 33 N R. 46 W at which point I
	Set a lime stone 12 x 12 x 6 ins. 8 ins. in the ground for Closing Cor. to Secs. 4 and 5 marked C. C. with 4 notches on E. and 2 notches on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land 58.00 chs. mountainous. and ~~22.00~~ 11.90 chs. Rolling.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass
	Nov. 6th 1882
	Henry J. Manning Compassman

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 31 and 32. Variation 15° 15' East.
	Ascend. gradually
8.20	Top of Spur, bears East + West and descend.
13.70	Cross low Sag and ascend.
27.00	Top of Spur, bears East + West and descend.
40.00	Set a line stone 10 x 10 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
43.50	Cross Road, bears, NW + S.E.
51.00	Cross low Sag and ascend.
73.00	Top of Ridge, bears East + West and descend.
80.00	Set a sand stone 18 x 14 x 9 ins. 14 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 Broken.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 29 and 32. Variation 15° 15' East.
6.30	Enter Flat bears North + South
23.00	Leave Flat bears North + South and ascend.
38.30	Top of Spur, bears North + South and descend.
40.00	Set temporary ¼ Sec. Cor.
74.20	Cross Wash, 20 lks. wide, Course South and ascend.
80.10	Intersect N. & S. line, 33 lks. South of cor. to secs. 28.29.32+33 from which corner, I run S. 89°46' W. on a true line between sections 29 + 32 Variation 15° 15' East
40.05	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., 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 29.30.31+32
	Land 16.70 chs level. and 63.40 chs. mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Nov. 7th 1882

D. F. Hickey.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	West, on a random line between Sections 30 and 31.
	Variation 15° 00' East.
2.00	Top of Spur, bears NW. + SE. and descend.
12.30	Cross low Sag and ascend.
21.00	Top of Spur, bears NW. + SE. and descend.
32.00	Cross Road, bears, SE + NW.
40.00	Set temporary ¼ Sec. Cor.
43.00	Cross Wash, 30 lks. wide, Course Southand ascend.
51.00	Top of Ridge, bears N. 30 E. + S. 30 W. and descend.
79.18	Intersect W B. of Tp. 42 lks. North of cor. to secs. 25.30.31 + 36 from which corner, I run N. 89° 42' E on a true line, between sections 30 + 31.
	Variation 15° 00' East.
39.18	Set a sand stone 12 x 6 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.
79.18	The corner to sections 29, 30, 31 + 32
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Township 32 North Range 46 West

6th Principal Meridian

Chains	North, between Sections 29 and 30.
	Variation 15° 15' East.
	Ascend. gradually
12.00	Top of Spur, bears East + West and descend.
20.10	Cross Wash, 35 lks. wide, Course East and ascend.
29.00	Top of Ridge, bears East + West and descend.
40.00	Set a sand stone 9 x 7 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.
55.00	Cross Gulch, Course SE. and ascend.
80.00	Set a sand stone 12 x 12 x 6 ins. 8 ins. in the ground for Cor. to Secs. 19.20.29 + 30 marked with 2 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 29.00 chs. mountainous. and 51.00 chs. Rolling
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15° 10' East.
	Ascend.
2.60	Top of Spur, bears North + South and descend.
15.20	Cross Wash, 20 lks. wide, Course S.30 W and ascend.
35.00	Top of Ridge, bears North + South and descend.
40.00	Set temporary ¼ Sec. Cor.
77.16	Cross Wash, 24 lks. wide, Course S.40 E and ascend.
80.03	Intersect N. & S. line, 43 lks. South of cor. to secs. 20.21.28+29 from which corner, I run S.89°42' W. on a true line between sections 20+29 Variation 15° ~~15'~~ 10' East
40.02	Set a sand stone 10 x 10 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N. and S.. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.03	The corner to sections 19.20.29+30
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass

Nov. 7th 1882

Henry J. Manning

Compassman.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15° 15' East.
	Descend.
2.54	Cross Wash, 38 lks. wide, Course N.35 W and ascend.
25.00	Top of Spur, bears N.W. + S.E. and descend.
40.00	Set temporary ¼ Sec. Cor.
56.00	Cross Gulch, 30 lks. wide, Course N.30 W and ascend.
78.81	Intersect W B. of Tp. 37 lks. North of cor. to secs. 19.24.25+30 from which corner, I run N.89°44' E on a true line, between sections 19+30 Variation 15° ~~18'~~ 15' East.
38.81	Set a sand stone 11 x 8 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S.. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
78.81	The corner to sections 19.20.29+30
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.

Nov. 7th 1882

D. F. Hickey

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 19 and 20.
	Variation 15° 15' East.
	Ascend. gradually
9.00	Top of Spur, bears East + West and descend.
14.25	Cross low Sag and ascend.
20.00	Top of Spur, bears East + West and descend.
40.00	Set a sand stone 16 x 13 x 11 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.
52.00	Cross low Sag and ascend.
80.00	Set a sand stone 12 x 10 x 8 ins. 8 ins. in the ground for Cor. to Secs. 17, 18, 19 + 20 marked with 3 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land Broken.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20.
	Variation 15° 15' East.
	Descend. gradually
23.00	Cross Gulch, 30 lks. wide, Course N. 60 W and ascend.
37.00	Top of Spur, bears North + South and descend.
40.00	Set temporary ¼ Sec. Cor.
60.19	Cross Gulch, 24 lks. wide, Course N. 30 W and ascend.
79.84	Intersect N. & S. line. 66 lks. South of cor. to secs. 16, 17, 20 + 21 from which corner, I run S. 89° 32' W. on a true line between sections 17 + 20
	Variation 15° ~~10'~~ 15' East.
39.92	Set a sand stone 10 x 6 x 4 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.84	The corner to sections 16, 17, 20 + 21
	Land mountainous.
	Soil 2nd + 3rd rate
	Vegetation Sagebrush + Bunchgrass.

Nov. 7th 1882

Henry J. Manning
Compassman.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	West, on a random line between Sections 18 and 19.
	Variation 15° 00′ East.
3.30	Cross low Sag and ascend.
15.90	Top of Spur, bears NW. & S. E. and descend.
27.00	Cross Gulch, 15 lks. wide, Course North and ascend.
40.00	Set temporary ¼ Sec. Cor.
52.00	Top of Spur, bears North & South and descend.
64.92	Cross Wash, 20 lks. wide, Course N. 50 W and ascend.
79.67	Intersect W. B. of Tp. 43 lks. North of cor. to secs. 13, 18, 19 & 24 from which corner, I run N. 89° 42′ E on a true line, between sections 18 & 19
	Variation 15° ~~10~~′ East.
39.67	Set a sand stone 11 x 7 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.
79.67	The corner to sections 17, 18, 19 & 20
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Nov. 7th 1882

D. F. Hickey.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 17 and 18
	Variation 15° 10′ East.
	Descend gradually.
20.30	Cross Wash, 38 lks. wide, Course N. 60 W and ascend.
28.00	Top of Spur, bears S W. & N. E. and descend.
34.21	Cross Gulch, 20 lks. wide, Course West and ascend.
40.00	Set a sand stone 10 x 10 x 5 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
41.00	Top of Spur, bears East & West and descend.
55.00	Cross Gulch, 28 lks. wide, Course West and ascend.
61.00	Top of Spur, bears East & West and descend.
80.00	Set a sand stone 12 x 10 x 6 ins. 8 ins. in the ground for Cor. to Secs. 7, 8, 17 & 18 marked with 4 notches on S. and 5 notches on E. 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.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 8 and 17.
	Variation 15° 25' East.
	Ascend.
18.50	*Top of Ridge, bears North & South and descend.*
27.00	*Cross Gulch, 60 lks. wide, Course North and ascend.*
40.00	*Set temporary ¼ Sec. Cor.*
45.00	*Top of Ridge, bears North & South and descend.*
64.84	*Cross Wash, 40 lks. wide, Course N. 20 W and ascend.*
79.98	*Intersect N. & S. line, 41 lks. South of cor. to secs. 8.9.16 & 17 from which corner, I run S. 89° 42' W. on a true line between sections 8 & 17*
	Variation 15° 25' East
39.99	*Set a sand stone 10 x 10 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
79.98	*The corner to sections 7.8.17 & 18*
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.
	Nov. 7th 1882
	S. F. Hickey.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18.
	Variation 15° 00' East.
	Descend.
22.80	*Cross Gulch, 18 lks. wide, Course South and ascend.*
38.00	*Top of Spur, bears North & South and descend.*
40.00	*Set temporary ¼ Sec. Cor.*
70.40	*Cross Wash, 20 lks. wide, Course South and ascend.*
78.89	*Intersect W. B. of Tp. 56 lks. North of cor. to secs. 7.12.13 & 18 from which corner, I run N. 89° 36' E. on a true line, between sections 7 & 18*
	Variation 15° ~~15'~~ East.
38.89	*Set a lime stone 12 x 8 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*
78.89	*The corner to sections 7, 8, 17 & 18*
	Land Rolling.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.
	Nov. 7th 1882
	Henry J. Manning
	Compassman

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, between Sections 7 and 8. Variation 15° 15' East.
	Ascend.
17.30	Top of Spur, bears East & West and descend.
23.08	Cross Wash, 30 lks. wide, Course S.20 W and ascend.
40.00	Set a sand stone 8 x 7 x 4 ins., 6 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
56.70	Top of Ridge, bears East & West and descend.
78.00	Cross Gulch, 40 lks. wide, Course N.70 E and ascend.
80.00	Set a sand stone 14 x 10 x 6 ins. 10 ins. in the ground for Cor. to Secs. 5. 6. 7 & 8 marked with 5 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation Sagebush & Bunchgrass.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	East, on a random line between Sections 5 and 8. Variation 15° 40' East.
9.50	Cross Wash, 30 lks. wide, Course North and ascend.
21.60	Top of Spur, bears North & South and descend.
36.20	Cross Gulch, 27 lks. wide, Course N.30 W and ascend.
40.00	Set temporary ¼ Sec. Cor.
43.00	Top of Spur, bears N.W. & S.E. and descend.
61.00	Cross Wash, 40 lks. wide, Course N.30 W and ascend.
72.00	Top of Spur, bears N.30 W. & S.30 E and descend.
80.26	Intersect N. & S. line, 64 lks. South of cor. to secs. 4. 5. 8 & 9 from which corner, I run S. 89° 33' W. on a true line between sections 5 & 8 Variation 15° ~~30'~~ 40' East
40.13	Set a lime stone 13 x 7 x 4 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.26	The corner to sections 5. 6. 7 & 8
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation Sagebush & Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. Nov. 7th 1882
	D. T. Hickey.

Township 32 North Range 46 West

6th Principal Meridian.

Chains	West, on a random line between Sections 6 and 7.
	Variation 15° 00′ East.
6.30	Top of Spur, bears North + South and descend.
18.50	Cross Wash, 30 lks. wide, Course North and ascend.
25.00	Top of Spur, bears NW. + SE. and descend.
40.00	Set temporary ¼ Sec. Cor.
48.50	Cross Wash, 30 lks. wide, Course S.65W
78.80	Intersect W. B. of Tp. 46 lks. North of cor. to secs. 1, 6, 7 + 12 from which corner, I run N. 89° 40 E. on a true line, between sections 6 + 7
	Variation 15° ~~30~~′ East.
38.80	Set a lime stone 10 x 7 x 4 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
78.80	The corner to sections 5, 6, 7 + 8

Land mountainous. 48.50 chs. and 30.30 chs. broken.

Soil 2nd + 3rd rate

Vegetation Sagebrush + Bunchgrass.

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

Township 32 North Range 46 West

6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 5 and 6.
	Variation 15° 30′ East.
7.00	Top of Spur, bears East + West and descend.
23.00	Cross Wash, 48 lks. wide, Course N.60W and ascend.
37.00	Top of Spur, bears East + West and descend.
40.00	Set a sand stone 11 x 7 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.
56.00	Cross Wash, 20 lks. wide, Course S65W and ascend.
70.75	Intersect the 8th Standard Parallel North at a point 2.12 chs. East of the Standard Cor. to Secs. 32 and 33 T. 33N. R. 46W at which point I

Set a sand stone 16 x 13 x 8 ins. 12 ins. in the ground for Closing Cor. to Secs. 5 and 6 marked C. C. with 5 notches on E. and 1 notch on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.

Land mountainous.

Soil 2nd + 3rd rate

Vegetation Sagebrush + Bunchgrass.

Nov. 7th, 1882

Henry J. Manning
Compassman.

GENERAL DESCRIPTION.

The land in this Township is generally mountainous
The Soil is 2nd & 3rd rate.
The township is covered with an abundant growth of bunchgrass which affords good grazing and renders the township valuable as a grazing country

U. S. Surveyor General's Office.

Plattsmouth, Neb. 1883

The foregoing Field Notes of the Retracings, and surveys of the Subdivision lines of Township No. 32 North of Range No. 16 West of the Principal Base and Meridian in the State of Neb. executed by O. F. Hickey U. S. Deputy Surveyor, under his contract No. 4, dated Nov. 10, 1881, in the Mo. of Nov. 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

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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.