General Land Office • Original Field Notes

Book Number

674

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 47 W.

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

Field Notes of the Survey of the Subdivisional lines of Township No 29 North of the Base line, of Range No 47 West of the 6 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 Iowa, bearing date the 30th day of June A.D. 1879

Survey Commenced August 23 1879
Survey Completed August 27 1879

Names & duties of assistants.

David Davis	Chainman
Horace F. Selby	Chainman
R. R. Crow	Cornerman
Edwin Turner	Cornerman
Jacob Smith	Flagman

To determine the proper adjustment of my Compass for subdividing this Township I begin at the Standard Township Corner on the 4th Stand and Parallel North, and run North on a blank line between sections 31 and 36

ra 15 45 East

3997 To a point 6 links East of the 1/4 Sec Cor

7994 To a point 12 links East of the Corner to Sections 25, 30, 31 and 36

To retrace this line run parallel thereto my Compass must be adjusted to a variation of 17 50 E

Township 29 N. R 47 W. 6th P.M.

Begin at the Standard Corner to Sections 35 and 36 on the 7th Standard parallel North (Found mound standing and post 2x2x24 in in East pit and run North between Sections 35 and 36

ra 14° 50'6

4000 Deposited charred stake raised mound of earth 2½ feet high from pits 18x2x12 in dep for 1/4 Sec Cor

8000 Deposited charred stake raised mound of earth 2½ feet high from pits 18x24x12 in dep for Corner to Secs 25. 26. 35 and 36, Down marked willow post 2x2x24 in 1 ft dep in SE pit

Surface undulating, Clay soil first rate Wood but ~~[illegible]~~ Windfall

Township 29 N. R 47 W. 6th P.M.

East on a random line between Sections 25 and 36

ra 14° 50'6

4000 Set temporary 1/4 Sec Cor

8030 Intersected the ~~N. and S.~~ East boundary of the Township line 68 links South of the Corner to which is a Mound with pits in good condition Sections 25 and 36, from which Corner Drove

South 89° 31' West on a true line between Sections 25 and 36

ra 14° 50'8

4015 Deposited charred stake raised mound of earth 2½ feet high from pits, 18x2x12 in dep for 1/4 Sec Cor

8030 The Corner to Sections 25. 26 35 and 36

Quality rolling Clay and Sandy soil Second rate

Township 29 N. R 47 W. 6th P.M.

North between Sections 25 and 26
ra 14° 46' 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

5300 Leave upland and enter River valley trs. E and W.

7235 Niobrara River runs East 35 ~~chains~~ Links wide

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. for dep'n SE pit

River bottom dark sandy soil Second rate
Bal Gently rolling clayland good Second rate

Township 29 North R 47 W. 6th P.M.

East on a random line between Sections 24 and 25
ra 15° 10' E

4000 Set temporary 1/4 Sec Cor

6150 Niobrara River runs N.

6550 Leave River trs N.

8022 Intersected the East boundary of the Township 14 links North of which is a stone with pits on two faces the Corner to Sections 24 and 25
from which corner I run North 89° 54' West on a true line between Sections 24 and 25
ra 15° 10' 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 23. 24 25 and 26

River valley dark sandy soil good Second rate

Township 29 N. R 47 W. 6th P.M.

	North between Sections 23 and 24
	va 14° 40' E
1100	Leave River Valley and enter Gently rolling, apland brs E. & W.
2840	Wagon Trail brs E & W
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
6000	Ruins Course S.E.
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 28 x 24 x 12 in dep for Corner to Sections 1. 3. 14. 23 & 24
	Drove marked willow post 2 x 2 x 24 in 1 ft dep in S.E. pit
	River valley Scien Drain
	Column gently rolling clay and Sandy Soil ~~Sandy Bed Clay Soil~~ Scien Drain

Township 29 N. R 47 W. 6th P.M.

	East on a random line between Sections 13 and 24
	va 15° 05' E
4000	Set temporary 1/4 Sec Cor
5400	Ravine Course South
8000	Intersected the East boundary of the Township 34 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° 45' West on a true line between Sections 13 and 24
	va 15° 05' 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	The Corner to Sections 13. 14 & 23 and 24
	Gently rolling Surface Good Second rate

Township 29 N. R 47 W. 6th P.M.

North between Sections 13 and 14
va 14° 48' 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

6400 Ravine course East

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 Willow post 2 x 2 x 24 in ~~deep~~ 1 for deep in S.E. pit

Upland, Gently rolling, North of Ravine soil is first rate balance. Second rate

Township 29 N. R 47 W. 6th P.M.

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

4000 Set temporary ¼ Sec Cor

8018 Intersected the East boundary of the Township 16 links North of the Corner to Sections 12 and 13 from which the Corner bears North 89° 53' West on a true line between Sections 12 and 13
va 15° 15' E
which is a mound of stone pits in good condition

4009 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in. deep for ¼ Sec Cor

8018 The Corner to Sections 11, 12, 13 and 14

Gently rolling upland first rate land

Township 28 North R 47 W 6th P.M.

North between Sections 11 and 12
Va 14° 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 1, 2, 11 and 12

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

Quite rolling first rate land

6	54
7	56
18	53
19	50
30	47
31	

Township 28 N. R 47 W 6th P.M.

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

4000 Set temporary 1/4 Sec Cor

8008 Intersected the East boundary of the Township 20 links north of the Corner to Sections 1 and 12, from which Corner
which is a stone mound with pits on good boundary
Drove
North 89° 51' West on a true line between Sections 1 and 12
Va 15° 15' E

4004 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 ~~2½ feet high~~ x 24 x 12 in deep for 1/4 Sec Cor

8008 The Corner to Sections 1, 2, 11 and 12

Quite rolling, Clay and Sandy Soil first rate

Township 29 N. R 47 West 6th P.M.

	North on a true line between Sections 1 and 2 ra 14° 45' E
4000	Set temporary 1/4 Sec Cor
7940	Intersected the North boundary of the Township 10 links West of the Corner to Sections 1 and 2, from which Corner I run South 4' West on a true line between Sections 1 and 2 ra 14° 45' E
3940	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7940	The Corner to Sections 1. 2. 11 and 12.
	Guttyrolling upland Clay and Sandy Soil fenstrale line
	Aug 23rd 1879

Township 29 N. R 47 W 6th P.M.

From the Corner to Sections 34 and 35 I run	I found only one Cor. 34 35 and set P.V. 74 which is a Pyramid with pits, in good condition and I run North between Sections 34 and 35 ra 14° 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 26. 27 34 and 35
	Guttyrolling surface Clay and Sandy Soil

Township 29 N R 47 W 6th P.M.

East on a run down line between Sections 26 and 35 va 15° 15' E

4000 Set temporary 1/4 Sec Cor

7982 Intersected the N. and S. line 16 links North of the Corner to Sections 25. 26. 35 and 36 from which Corner from North 89°53' West on a true line between Sections 26 and 35 va 15° 15' E

39.91 chains ~~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

7982 The Corner to Sections 26. 27. 34 and 35

Soil good Second rate

Township 29 North R 47 West 6th P.M.

North between Sections 26 and 27 va 14° 50' E

3500 Leave upland and enter River valley Ins. N. 33 W.

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

7070 Niobrara River course N. 5.40 chs

~~7010~~ wide

8000 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 22. 23. 26 and 27

Down marked willow post 2 x 2 x 24 in 1 ft deep for 1/4 S.E. pit

Gently rolling Second rate

Township 29 N. R 47 W. 6th P.M.

East on a random line
between Sections 23 and 26
Va 15° 20' E
Set temporary W. Sec Cor
4000 ~~Deposited Charred Stake~~
4368 Creek, water in holes Course S.E.
7988 Intersected the N. and S. line
28 links North of the Corner to
Sections 23. 24. 25 and 26 from
which Corner I run
North 89°48' West on a true line
between Sections 23 and 26
Va 15° 20' E
8994 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24 x 12
in depth for W. Sec Cor
7988 The Corner to Sections 22. 23
26 and 27

Sand along the Creek Sandy
third rate, bottom Second rate

Township 29 N. R 47 W. 6th P.M.

North between Sections 22 and
23
Va 14° 45' E
200 Leave River valley and enter
upland bras E and W
2745 wagon trail bras E and W
3700 Creek, water in holes B. S.E.
4000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x
24 x 12 in dep for W. Sec Cor
8000 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24
x 12 in dep for Corner to
Sections 14. 15. 22 and 23

South of Creek Sandy Second
rate, North of Creek Clay and
Sandy loam first rate land

Township 29 N. R 47 W. 6th P.M.

	East on a random line between Sections 14 and 23 ra 15° 15' E
4000	Set temporary 1/4 Sec Cor
7968	Intersected the N. and S. line 16 links North of the Corner to Sections 13, 14, 23 and 24 from which Corner a Gum
	North 89°53' West on a true line between Sections 14 and 23 ra 15° 15' E
3984	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
7968	The Corner to Sections 14, 15, 22 and 23
	Gently rolling first rate

Township 29 N. R 47 W. 6th P.M.

	North between Sections 14 and 15 ra 14° 58' E
4000	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
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. Grove marked mileo post 2 x 2 x 24 in 1 ft deep in S. E. pit
	Gently rolling Surface. Soil Clay and Sandy loam first rate

Township 29 N. R 47 W 6th P.M.

		Eastern a random line between Sections 11 and 14 va 15° 20' E
	4000	Set temporary 1/4 Sec Cor
40	6000	Ravine Course S.
43	7990	Intersected the N and S line 14 links South of the Corner to Sections 11, 12, 13 and 14
79		From which Corner. Drew South 89° 54' West on a true line between Sections 11 and 14 va 15° 20' E
89	3995	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor
79	7990	The Corner to Sections 10, 11 14 and 15
		Gently rolling first rate

Township 29 N. R 47 W 6th P.M.

	North between Sections 10 and 11 va 14° 55' E.
4000	Deposited Charred Stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for Corner to Sections 2, 3 10 and 11. Grove marked willow post 2 x 2 x 24 in 1 ft dep in S.E. pit
	S 60 chains Clay and sandy soil first rate, balance second rate land

Township 29 N. Range 7 W. 6th P.M.

East on a random line between Sections 2 and 11
Va 15° 20' E

4000 Set temporary 1/4 Sec Cor
6690 Ravine Course S.
7982 Intersected the N and S line 24 links South of the corner to Sections 1. 2. 11 and 12 from which Corner I run
South 89°50' West on a true line between Sections 2 and 11
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 2. 3. 10 and 11

N. 30 lks sandy 3rd rate
Balance first rate.

Township 29 N. Range 7 W. 6 P.M.

North on a random line between Sections 2 and 3
Va 14° 55' E

1200 Ravine Course S.E.
3900 Ravine Course East
4000 Set temporary 1/4 Sec Cor
7958 Intersected the the north boundary of the Township 22 links East of the Corner which is a 7 inch north pole, in good condition to Sections 2 and 3 from which Corner I run
South 9' East on a true line between Sections 2 and 3
Va 14° 55' E
3958 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 2. 3. 10 and 11

S. 40 lks rolling and broken some sandy
North 40 lks, clay third rate

Township 29 N. R 47 W 6th PM

		North from the Standard Corner to Sections 33 and 34 which found standing, with Cut d posts 24x4x4 in East pit, drum North between Sections 33 and 34
40		ra 14° 50' E
43		
79	4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x ½ in dep for ¼ Sec Cor.
	8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x ½ in dep for Corner to Sections 27, 28 33 and 34
89		
79		
		Gently rolling Clay and Sandy Soil Secondate

Township 29 N. R 47 W 6th PM

		Easton a random line between Sections 27 and 34
		ra 15° 15' E
	2500	Small drain Course N.
	4000	Set temporary ¼ Sec Cor
	8040	Intersected the North and South line 32 links North of the Corner to Sections 26, 27, 34 and 35 From which Corner drum North 89°46' West on a true line between Sections 27 and 34
		ra 15° 15' E
	4020	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x ½ in dep for ¼ Sec Cor
	8040	The Corner to Sections 27, 28 33 and 34
		Gently rolling Good Secondate
		Aug 24th 1879

Township 29 N. R 47 W. 6 P.M.

	North between Sections 27 and 28 ra 14° 40' E
3800	Leave replant and enter river valley brs E & W
4000	Depentie Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 14 in depth for corner to Sections 21. 22. 27 and 28
6255	Niobrara River runs East 2.15 Chs wide
8000	Depentie Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 14 in dep for Corner to Sections 21. 22. 27 and 28 Drove marked Cottonwood post 2 x 2 x 24 in 1 ft deep in SE pit
	River valley Secondrate, dark sandy loam balance undulating clay Secondrate

Township 29 N. R 47 W. 6th P.M.

	East on a random line between Sections 22 and 27 ra 15° 10' E
4000	Set temporary 1/4 Sec Cor
8022	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 ra 15° 10' E
4011	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 14 in dep for 1/4 Sec Cor
8022	The Corner to Sections 22. 23. 27 and 27
	Mostly river bottom. dark sandy soil Secondrate

Township 29 N. R 47 W. 6th P.M.

	North between Sections 21 and 22
	Va 14° 40' E
1300	Leave valley and enter upland
	Trs E and W
2800	Wagon Trail trs E & W
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
4700	Creek, water in holes Course S.E.
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 Cottonwood post 2 x 2 x 24 in 1 ft in S E pit Good
	Gently rolling sandy Second rate few small Cottonwoods along the Creek

Township 29 N. R 47 W 6 P.M.

	East on a random line between Sections 15 and 22
	Va 15° 15' E
4000	Set temporary 1/4 Sec Cor
7970	Intersected the N and S line at Corner to Sections 14. 15. 22 and 23 from which Corner drew West on a true line between Sections 15 and 22
	Va 15° 15' E
3985	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12
79.70	Corner to Secs. 15.16. 21 & 22
	W. 40 chains Second rate
	E. 40 chains first rate

Township 27 N. R 47 W 6th P.M.

North between Sections 15 and 16

Va 14° 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 9, 10, 15 and 16

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

S 20 lks Second rate balance clay loam first rate

Township 27 N. R 47 W. 6th P.M.

East on a random line between Sections 10 and 15

Va 15° 16' E

4000 Set temporary 1/4 Sec Cor

7984 Intersected the N and S line 16 links South of the corner to Sections 10, 11, 14 and 15 from which corner I run South 89° 53' West on a true line between Sections 10 and 15

Va 15° 15' E

3992 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 10, 15 and 16

Gently rolling first rate land

Township 29 N. R 47 W. 6th P.M.

North between Sections 9 and 10
Va 14° 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 3. 4. 9 and 10
Drove marked willow post 2 x 2 x 24 in 11 ft deep in S.E. pit

Gently rolling, Clay and Sandy soil first rate

Township 29 N. R 47 W 6th P.M.

East on a random line between Sections 3 and 10
Va 15° 20'E

4000 Set temporary 1/4 Sec Cor

7992 Intersected the N and S. line 10 links South of the Corner to Sections 2. 3. 10 and 11
from which Corner
Drum
South 89° 56' West on a true line between Sections 3 and 10
Va 15° 20'E

3996 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7992 The Corner to Sections 3. 4 9 and 10

W. 70 chains gently rolling first rate land Blanca Secondary

Township 27 N. R 47 W 6th P.M.

	on a random line North between Sections 3 and 4
	va 14° 50' E
4000	Set temporary 1/4 Sec. Cor.
7964	Intersected the North boundary of the township 28 links East of the Corner to Sections 3 and 4 which is a mound with pits in and a cedar post from which Corner
	Drew
	South 12' East on a true line between Sections 3 and 4
	va 14° 54' E
3964	Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor
7964	The Corner to Sections 3. 4 9 and 10
	South 60 chains first rate balance broken third rate

Township 27 N. R 47 W 6th P.M.

	From the standard Corner to Sections 32 and 33, which I found standing with cot. post 2 x 2 x 24 in in East pit Drew
	North between Sections 32 and 33
	va 14° 40' 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 feet high from pits 18 x 24 x 12 in dep for Corner to Sections 28. 29. 32 and 33. Drew marked willow post 2 x 2 x 24 in 1 ft dep in S.E. pit
	Clay and Sandy Soil good Second Rate

Township 29 N. R 47 W 6th P.M.

East on a random line between Sections 28 and 33
Va 15° 10' E

4000 Set temporary 1/4 Sec Cor

7990 Intersected the N. and S. line 14 lks South of the Corner to Sections 27. 28. 33 and 34 from which Corner I run South 89° 54' West on a true line between Sections 28 and 33
Va 15° 10' E.

3995 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor

7990 The Corner to Sections 28. 29. 32 and 33

Gently rolling clay loam fertile soil

Township 29 N. R 47 W 6th P.M.

North between Sections 28 and 29
Va 14° 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

4200 ~~Entre~~ Entre river valley and ~~Entre~~ Scene upland brs S.E. and N.W.

5320 Niobrara River runs East and is 80 links wide

8000 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for Corner to Sections 20. 21. 28 and 29
Grove Marked Cottonwood post 2 x 2 x 24 in 1 ft dep in S.E. pit

Second rate land

Aug 28th 1879

Township 29 N. R 47 W. 6th P.M.

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

40 00 Set temporary 1/4 Sec Cor

80 20 Intersected the N and S. line 14 links South of the corner to Sections 21. 22. 27. and 28 from which corner I run

South 89° 54' West on a true line between Sections 21 and 28 Va 15° 15' E

40 10 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

80 20 The Corner to Sections 20. 21 29 and 28

River valley Sandy Soil Second rate

Township 29 N. R 47 West 6th P.M.

North between Sections 20 and 21 Va 14° 10' E

4 00 Leave river valley and enter upland brs E and W

17 80 Wagon trail brs E. and W.

40 00 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

80 00 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in dep for Corner to Sections 16. 17 20 and 21. Drove Marked Cottonwood post 2 x 2 x 24 in 1 ft dep in S.E. pit

Clay and Sandy loam first rate

Township 29 N. R 47 W. 6th P.M.

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

3200 Creek water in holes Cs. S.E.
4000 Set temporary 1/4 Sec Cor
8012 Intersected the N and S line 34 links South of the Corner to Sections 15. 16 21 and 22 from which Corner I run
South 89° 45' West on a true line between Sections 16 and 21
Va 15° 15' 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 Sections 16, 17 20 and 21

First rate land. Earth rolling

Township 29 N. R 47 W. 6th P.M.

North between Sections 16 and 17
Va 14° 50' E
3500 Creek water in holes Course S.E.
Small cottonwoods along Creek 2 inch
4000 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 14 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 8. 9. 16 and 17
Drove Marked Willow post 2 x 2 x 24 in 1 ft deep in S.E. pit

Clay and Sandy Soil first rate

Township 29 N. R 47 W. 6th P.M.

East on a random line between Sections 9 and 16
ra 15° 20' E

4000 Set temporary 1/4 Sec Cor

8000 Intersected the N and S. line 12 links North of the Corner to Sections 9. 10. 15 and 16 from which Corner I run North 89° 55' West on a true line between Sections 9 and 16
ra 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 The Corner to Sections 8. 9 16 and 17

Clay and Sandy loam
First rate land

Township 29 N. R 47 W. 6th P.M.

North between Sections 8 and 9
ra 14° 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 in deep ~~in Sec~~ Drove Marked willow post 2 x 2 x 24 in 1 ft. deep in S.E. pit for Cor to Secs 4. 5. 8 & 9

Clay and Sandy loam
First rate land

Township 29 N. R 47 W 6th P.M.

East on a random line
between Sections 4 and 9
Va 15° 25' E

1200 Small Drain Course S.E.
4000 Set temporary 1/4 Sec Cor
7986 Intersected the N. and S. line
24 links South of the Corner
to Sections 3. 4. 9 and 10
from which Corner
I run
South 89° 50' West on a true line
between Sections 4 and 9
Va 15° 25' E
3993 Deposited charred stake
raised mound of earth 2½
feet high from pits 28 x 24 x 12
in dep for 1/4 Sec Cor
7986 The Corner to Sections 4. 5. 8 & 9

First rate land

Township 29 N. R 47 W 6th P.M.

North on a random line
between Sections 4 and 5
Va 14° 50' E

1300 Drain Course S.E.
4000 Set temporary 1/4 Sec Cor
7963 Intersected the North bound
ary of the Township 38 links
East of the Corner to Sections
which is a mound with pits in good condition
4 and 5 from which Corner
I run
South 16' East on a true line
between Sections 4 and 5
Va 14° 50' E
3963 Deposited charred stake
raised mound of earth 2½ feet
high from pits 18 x 20 x 12 in
dep for 1/4 Sec Cor
7968 The Corner to Sections 4. 5. 8
and 9

S. 60 Chs. first rate land
North 20 Chs Second rate

Township 29 N. Range 7 W 6th P.M.

	From the Standard Corner to Sections 31 and 32, which I found standing with cut d post 2x2x24 in East pit. I run North between Sections 31 and 32.
	Va 14° 50' E
4000	Deposited charred stake raised mound of earth 2½ feet high from pits 18x24x12 in dep for 1/4 Sec Cor
8000	Deposited charred stake raised mound of earth 2½ feet high from pits 18x24x12 in dep for Corner to Sections 29. 30. 31 and 32 Drove 2 marked willow post 2x2x24 in dep in S.E. pit.
	Gently rolling clay and sandy soil Good Secondary

Township 29 N. Range 7 W 6th P.M.

	East on a random line between Sections 29 and 32
	Va 15° 20' E
1200	Small drain Course N.
4000	Set temporary 1/4 Sec Cor
7974	Intersected the Hand S. line at Corner to Sections 28. 29. 32 and 33 from which Corner I run West on a true line between Sections 29 and 32
	Va 15° 20' E
3987	Deposited charred stake raised mound of earth 2½ feet high from pits 18x24x12 in dep for 1/4 Sec Cor
7974	The Corner to Sections 29. 30 31 and 32
	Gently rolling Good Secondary

Township 29 N. R 47 W 6th P.M.

West on a random line between Sections 30 and 31 va 15° 20' E

4000 Set temporary 1/4 Sec Cor

8016 Intersected the west boundary of the Township 24 links North of the Corner to Sections 30 and 31 from which Corner I run North 89° 50' East on a true line between Sections 30 and 31 va 16° 20' E

4016 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 29, 30 31 and 32

Gently rolling clay and Sandy Soil Good Secondrate

Township 29 N. R 47 W 6th P.M.

North between Sections 29 and 30 va 14° 00' E.

2500 Leave upland and Enter River Valley trs 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

5870 Niobrara River runs East 2.90 chains wide

7000 Leave Valley and Enter upland trs E & W

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. I drove marked willow post 2 x 2 x 24 in 1 ft deep in S.E. pit

River Valley dark Sandy Soil balance Clay and Sandy Soil good Secondrate

Township 29 N. R 4 W 6th P.M.

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

1000 Leave upland and enter river valley brs N.E. and S.W.

4000 Set temporary 1/4 Sec Cor

8020 Intersected the N and S. line 38 links North of the corner to Sections 20. 21. 28 and 29 from which Corner I run North 89° 44' West on a true line between Sections 20 and 29
Va 15° 20' East

4010 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8020 The Corner to Sections 19. 20. 29 and 30

Dark sandy soil good Second rate

Township 29 N R 4 W 6th P.M.

West on a random line between Sections 19 and 30
Va 15° 20' E

4000 Set temporary 1/4 Sec Cor

4810 Wagon road brs N.E. and S.W.

8013 Intersected the West boundary of the Township 40 links North of the Corner to Sections 19 and 30 which is a mound of pits in the section line from which Corner I run North 89° 43' East on a true line between Sections 19 and 30
Va 15° 20' E

4013 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8013 The Corner to Sections 19. 20. 29 and 30

Gently rolling Clay and Sandy Soil
Good Second rate
Aug 26th 1879

Township 29 N. R 4 W. 6th P.M.

North between Sections 19 and 20
Va 14° 55' E

1690 Wagon road trs N.E. and S.W.

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 feet high from pits 18 x 24 x 12 in dep for Corner to Sections 17, 18, 19 and 20. Drove marked Cottonwood post 2 x 2 x 24 in 1 ft dep in S.E pit

Gently rolling Surface
Clay and Sandy Soil
Second rate

Township 29 N. R 4 W. 6th P.M.

East on a random line between Sections 17 and 20
Va 15° 25' E

4000 Set temporary 1/4 Sec Cor

8008 Intersected the North and S line 22 links North of the Corner to Sections 16, 17, 20 and 21 from which Corner I run North 89° 51' West on a random line between Sections 17 and 20
Va 15° 25' E

4004 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor

8008 The Corner to Sections 17, 18, 19 and 20

N 20 chains Second rate
balance 1st rate land

Township 29 N. R 47 W. 6th P.M.

West on a random line between Sections 18 and 19
Va 15° 25' E

4000 Set temporary 1/4 Sec Cor

79.84 Intersection the West boundary of the Township 34 links North of the Corner to Sections 18 and 19 which is a manufactured stone in good condition from which Corner Drew

North 89° 45' East on a random line between Sections 18 and 19
Va 15° 25' E

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

79.84 The Corner to Sections 17, 18, 19 and 20

Gently rolling Clay and Sandy Soil Good Second rate

Township 29 N. R 47 W. 6th P.M.

North between Sections 17 and 18
Va 15° 25' 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 feet high from pits 18 x 24 x 12 in dep for Corner to Sections 7, 8, 17 and 18. Drew Marked Cottonwood post 2 x 2 x 24 in 1 ft dep in SE pit

Gently rolling Second rate land

Township 29 N. R 47 W 6th P.M.

East on a random line between Sections 8 and 17
va 15° 20' E

500 Pepper Creek water in holes course South. few small Cottonwood along Creek

4000 Set temporary 1/4 Sec Cor

7982 Intersected the N. and S. line 16 links North of the Corner to Sections 8. 9. 16 and 17 from which Corner Drum North 89° 53' West on a true line between Sections 8 and 17
va 15° 20' E

3991 Deposited Charred Stake raised mound of earth 2 1/2 feet high from pits 18 x 24 x 12 in ~~deep~~ dep for 1/4 Sec Cor

7982 The Corner to Sections. 7. 8. 17 and 18

Clay and Sandy Soil
Second rate

Township 29 N. R 47 W 6th P.M.

West on a random line between Sections 7 and 18
va 15° 20' E

4000 Set temporary 1/4 Sec Cor

8010 Intersected the West boundary of the Township 80 links North of the Corner to Sections 7 and 18 which is a mound stone 2 feet in good Condition from which Corner Drum North 89° 47' East on a true line between Sections 7 and 18
va 15° 20' E

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

8010 The Corner to Sections. 7. 18 17 and 18

Good Second rate land

Township 29 N R 47 W 6th PM

North between Sections 5 and 8
Va 14° 50' E

165 Pepper Creek Crate in holes
Course East - Small
cottonwoods on the banks

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

Gently rolling Good
Second Rate

Township 29 N R 47 W 6th PM

East on a random line between
Sections 5 and 8
Va 15° 20' E

4000 Set temporary 1/4 Sec Cor

7988 Intersected the N. and S. line
12 links South of the Corner to
Sections 4. 5. 8 and 9 from which
Corner Drum
South 89° 55' West on a true
line between Sections 5 and 8
Va 15° 20' E

3994 Deposited Charred Stake
raised mound of earth 2½
feet high from pits ~~2½ feet~~
18 x 24 x 12 in deep for 1/4
Sec Cor

7988 The Corner to Sections 5. 6. 7
and 8

Gently rolling Clay and Sandy
Soil Second Rate

Township 29 N. R 47 W 6th P.M.

West on a random line between Sections 6 and 7
Va 15° 20' E

4000 Set temporary 1/4 Sec Cor

7982 Intersected the West boundary of the Township 16 links North of the Corner to Sections 6 and 7 from which Corner a mound with pits in good condition bears N. 45° W. distant 2 links
North 84° 53' East on a true line between Sections 6 and 7
Va 15° 20' E

3982 ~~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

7982 The Corner to Sections 5, 6, 7 and 8

Gently rolling Good second rate land

Township 29 N. R 47 W 6th P.M.

North on a random line between Sections 5 and 6
Va 14° 50' E

4000 Set temporary 1/4 Sec Cor

7952 Intersected the North boundary of the Township 34 links East of the Corner to Sections 5 and 6 from which Corner a mound with pits in good condition bears
South 15° East on a true line between Sections 5 and 6
Va 14° 50' E

3952 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7952 The Corner to Sections 5, 6, 7 and 8

Aug. 27. 1870

Gently rolling Good Second rate

Note. All corners on exteriors found in good condition ~~except~~ ~~as exceptions permitted by the Surveyor General~~

General Description

This Township is watered by the Niobrara River which runs from West to East and by Pepper Creek which has large holes of deep water

The Surface is gently rolling with smooth ~~[illegible]~~ slopes to the River and Creek

There are a few small Cottonwood trees along the Creek

The Soil is Clay and sandy loam on the uplands. Along the river, the Soil is sandy loam. Nearly the whole 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 29 North of the base line of Range 47 West of the 6th Principal Meridian, showing the respective capacities in which they acted

David Davis	Chainman
Horace F. Seely	Chainman
R.R. Crow	Cornerman
Edwin Turner	Cornerman
Jacob Smith	Flagman

We, hereby certify that we assisted Charles R Starkweather, Deputy Surveyor in Surveying Township number Twenty nine North of the Base line of Range No. Forty seven 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 Dimensions Character, Construction and Marking and in the manner as

specifically described in the foregoing field notes

David Davis Chainman
Horace G Seeley Jun Chainman
R. R. Good Cornerman
Eliezer Swerzer Jr Cornerman
Jared Smith Flagman

Sworn in my presence and subscribed to before me, this 30th day of Sept 1879

A. J. Rendall
Clerk Lincoln C.L

joint

I Charles R Starkweather Deputy Surveyor do Solemnly swear that in pursuance of a contract wherein Nicholas J. Paul and Charles R Starkweather as joint Contractors with Geo. A. Smith United States Surveyor general for the District of Nebraska and Iowa, bearing date the 30th day of June A.D. 1874. I have well faithfully and truly in my own proper person and in strict conformity with the instructions furnished by the Surveyor General, the Surveying Manual and the laws of the United States, Surveyed all those parts or portions of Township No 29 North of the Base line of Range No 6 & 7 West of the 6th Principal Meridian in Nebraska, that are represented in the foregoing field

notes as having been surveyed under my direction and do further solemnly swear that ~~in pursuance~~ all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual Printed Instructions and Special instructions of the Surveyor General of demonstrative character Constructions and Markers 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 R. Starkweather

Signed in my presence and sworn before me this 24 day of Nov 1879.

J. Kendall
Clerk Dist Ct

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

The foregoing field notes of the Survey & Subdivision of Township No. 29 North of the Base Line, of Range No. 47 West of the 6th P.M. in Nebraska, Executed by Chas. R. Starkweather Deputy Surveyor under print Contract No. 11 dated June 30. 1879 during the month of August 1879, having been critically Examined, the necessary Corrections & Explanations made, the said field notes and the Surveys they describe are hereby approved.

Geo. A. Smith
Surveyor General

Index Diagram

Town 30 N. R 47 W

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

Field Notes of the Survey of the Subdivisional Lines of Township No 30. North of the Base-line, of Range No 47 West of the 6th Principal Meridian in Nebraska, by Charles R Starkweather Deputy Surveyor, under Contract No 111 wherein Nicholas J. Paul and Charles R. Starkweather are joint contractors with George S. Smith United States for the District of Nebraska and Iowa, bearing date the 30th day of June 1879

Survey Commenced Aug 28th 1879
Survey Completed Sept 8th 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 Sub-dividing this Township I begin at the Corner to Township # 29 and 30 North Ranges 46 and 47 West and run North on a Blank line between Sections 31 and 36.
Variation 15° 06' E

4006 To a point 8 links west of the 1/4 Sec Cor

8013 To a point - 14 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° E

Township 30 N. R 47. W. 6th P.M.

From the corner to Sections 1. 2. 35th & 36 on the South boundary of the Township x
which is a mound with pits in good condition
Drain
North between Sections 35 and 36
va 15° E
700 Drain course E.S.E.
4000 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in depth for 1/4 Sec Cor
7400 Small drain course S.E.
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
Grove Willow post 2 x 2 x 24 in. 17 deep in G.E.

Rolling Clay land Second

Township 30 N. R 47 W. 6th P.M.

East on a random line between Sections 25 and 36
va 15° East
1700 Drain Course S.E.
4000 Set temporary 1/4 Sec Cor
7994 Intersected the East boundary of the Township 62 links South of the corner which is a mound with pits in good condition to Sections 25 and 30, from which Corner Drew
South 89° 33' West on a true line between Sections 25 and 36
va 15° East -
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 25. 26 35 and 36

Surface, Rolling Second rate

Township 30 N. R 47 W 6th P.M.

North between Sections 25 and 26

Va 15° E

2400 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 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 23. 24 25 and 26

Grove Marked willow post 2 x 2 x 24 in 1 ft deep in S.E. pits

Gently rolling Dark Soil
Second rate

Township 30 N. R 47 W. 6th P.M.

East on a random line between Sections 24 and 25

Va 15° 20' E

3800 Drain Course S.W.

4000 Set Temporary ¼ Sec Cor

7980 Intersected the East boundary of the Township 24 links South of the Corner to Sections 24 and 25 from which Corner there is a Number of pits in good condition.

Drew

South 89° 50' West on a true line between Sections 24 and 25

Va 15° 20' E

3990 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for ¼ Sec Cor

7980 The Corner to Sections 23. 24 25 and 26

Rolling Surface Dark Soil
Second rate land

Township 30 N. R 47 W. 6th P.M.

North between Sections 23 and 24
Va 15° 00' E

9400 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 13, 14 23 and 24

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

Surface rolling
Second rate soil

Township 30 N. R 47 W. 6th P.M.

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

1200 Small Drain course S.E.

4000 Set temporary 1/4 Sec Cor

5250 Drain course S.E.

7998 Intersected to the East Boundary ~~North~~ ~~Temporary~~ line 20 links South of the Corner to which is a mound with pits in good condition Sections 13 and 24 from which Corner I run South 89° 51' West on a true line between Sections 13 and 24
Va 15° 30' E

3999 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7998 The Corner to Sections 13, 14 23 and 24

Rolling Surface, Clay land
Second rate soil

Township 30 N. R 47 W. 6th P.M.

North between Sections 13 and 14
Va 15° 10' E

3000 Drain Course N.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 11, 12, 13 and 14

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

Rolling & Clay land
Second rate

Township 30 N. R 47 W 6th P.M.

East on a random line between Sections 12 and 13
Va 15° 30' E

3550 Drain Course N.E.

4000 Set temporary 1/4 Sec Cor

7988 Intersected the East boundary of the Township 14 links South of the Corner to Sections 12 and 13 (where a Mound with temporary good cover was) from which Corner Drew

South 89° 54' West on a true line between Sections 12 and 13
Va 15° 30' E

3994 Deposited Charred Stake raised Mound of earth 2½ ft high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor.

7988 The Corner to Sections 11, 12, 13 and 14

Rolling Surface & Clay Soil
Second rate

North between Sections 11 and 12
Va 15° 10' E

3500 Drain course 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 feet high from pits 18 x 24 x 12 in dep for corner to Sections 1. 2. 11 and 12

Drove marked willow post 2 x 2 x 24 in 1 ft dep in S.E. pit

Surface rolling

East on a random line between Sections 1 and 12
Va 15° 30' E

3100 Drain course S.E.

4000 Set temporary 1/4 Sec Cor

7984 Intersected the East boundary of the Township 34 links South of the Corner to Sections 1 and 12 from which Corner a willow 2 inches in diameter with stone for cond. fine

South 89°45' West on a true line between Sections 1 and 12
Va 15° 30' 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 1. 2. 11 and 12

Clay land East 61 chs
Level land West 19 rolling
Second rate

Township 30 N. R. 47 W. 6th P.M.

North on a random line between Sections 1 and 2
Va 15° 10' E

1780 Drain Course S.E.
4000 Set temporary 1/4 Sec Cor
4450 Drain Course S.E.
7968 Intersected the North boundary of the Township
30 links East of the Corner which was found by pits and mound, on line to Sections 1 and 2 from which
Corner Drum
South 18 East on a true line between Sections 1 and 2
Va 15° 10 E
3968 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7968 The Corner to Sections 1. 2. 11 and 12

Surface rolling
Clayey land
Second rate
Aug. 28th 1879

Township 30 N. R. 47 W. 6th P.M.

Township corrected a mound with pits and cross
Condition of survey

North between Sections 34 and 35
Va 15° East
1300 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. 26. 27. 34 and 35

South 30 chains broken
Third rate balance Swampy
Rolling Second rate land

Ac

Township 30 N. R 47 W 6th P.M.

East on a random line between Sections 26 and 35

Va 15° 20

4000 Set temporary 1/4 Sec Cor

7650 Drain Course S.E.

8020 Intersected the N and S line 8 links North of the Corner to Sections 25. 26. 35 and 36 from which Corner bears North 89° 57' West on a true line between Sections 26 and 35

Va 15° 20' E

8010 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x ½ in deep for 1/4 Sec Cor

8020 The Corner to Sections 26. 27. 34 and 35

Very Land Good

Second rate

Township 30 N. R 47 W. 6th P.M.

North between Sections 26 and 27

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

7200 Drain Course S.E.

8000 Deposited Charred Stake raised mound of earth 2½ feet deep for Corner to Sections 22. 23. 26 and 27. Grove marked Willow post 2 x 2 x 24 ~~pit~~ 1 feet deep in S.E. pit

Gently rolling dark Clay Soil

Second rate

Township 30 N. R 47 W 6th P.M.

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

4000 Set temporary 1/4 Sec Cor

8012 Intersected the N. and S line 14 links South of the Corner to Sections 23. 24. 25 and 26 from which Cor. Dom
South 89° 34' West on a true line between Sections 23 and 26
Va 15° 26' E

4006 Deposited Charred Stake raised mound of earth 2½ feet high from pits 28 x 24 x 12 in deep for 1/4 Sec Cor

8012 The Corner to Sections 22. 23. 26 and 27

Gently rolling Clay Soil
Good second rate

Township 30 N. R 47 W 6th P.M.

North between Sections 22 and 23
Va 15° 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 14. 15. 22 and 23
Grove marked Willow post 2 x 2 x 24 in 1 ft deep in S.E.

Surface Rolling Clay Soil
Second rate land

Township 30 N. R 47 W. 6th P.M.

East on a random line between Sections 14 and 23
Va 15° 20' E

1250 Drain Course S.E.

4000 Set temporary 1/4 Sec Cor

7996 Intersected the N. and S. line 18 links North of the Corner to Sections 13. 14. 23 and 24 from which Corner I run North 89°52' West on a true line between Sections 14 and 23
Va 15° 20' E

3998 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7996 The Corner to Sections 14 15 22 and 23

Rolling Clay surface
Secondrate

Township 30 N. R 47 W. 6th P.M.

North between Sections 14 and 15
Va 15° 10' E

1550 Running on one S.E. ~~Deposited charred stake~~ raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

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

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

Earthy rolling Clay Soil
Secondrate land

Township 30 N. R 47 W. 6th P.M.

East on a random line between Sections 11 and 14
Va 15° 30' E

4	700	Drain Course N.E.
8	1800	Drain Course N.E
	3600	Drain Course N.
	4000	Set temporary 1/4 Sec Cor
	7992	Intersected the N. and S. line 22 links North of the Corner to Sections 11, 12, 13 and 14 from which corner Drew North 89° 57' West on a true line between Sections 11 and 14
		Va 15° 30' E
	3996	Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor
	7992	The Corner to Sections 10, 11 12 and 15

Rolling Clay Soil
Second rate land

Township 30 N. R 47 W. 6th P.M.

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

3800	Drain Course S.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
4500	Drain Course N.E.
8000	Deposited Charred Stake raised Mound of earth 2½ feet ~~high~~ from pits 18 x 24 x 12 in dep for Corner to ~~Sections 2 x 2 x 24 in dep for Corner to~~ Sections 2, 3, 10 and 11

Drove Marked Willow post 2 x 2 x 24 in 1 foot dep for S.E. pit

S. 40 Chains rolling
Second rate
N. 40 Chains broken
Third rate land

Township 30 N. R 47 W. 6th P.M.

East on a random line
between Sections 2 & 11
Va 15° 30'E

4 1000 Drain Course S.E.
8 4000 Set temporary 1/4 Sec. Cor.
7988 Intersected the N. and S. line
6 links north of the Corner
to Sections 1. 2. 11 and 12
from which Corner I run
North 89° 55' West on a true
line between Sections 2 and 11
Va 15° 30'E

3994 Deposited charred stake
raised mound of earth
2½ feet high from pits
18 x 24 x 1½ in dep for 1/4
Sec Cor

7988 The Corner to Sections 2. 3
10 and 11

N. 40 chs Third rate land
East 40 chs Second rate land

Township 30 N. R 47 W. 6th P.M.

North on a random line between
Sections 2 and 3
Va 15° 10'E

1000 Drain Course S.E.
4000 Set temporary 1/4 Sec Cor
7960 Intersected the North bounda
ry of the Township 48 links
east of the Corner to Sections
2 and 3 from which Corner
I run
South 21¾ East on true
line between Sections 2 and 3
Va 15° 10'E

3960 Deposited charred stake
raised mound of earth 2½ feet
high from pits 18 x 24 x 1½ in
dep for 1/4 Sec Cor

7960 The Corner to Sections
2. 3. 10 and 11

North 30 chains Second rate
South 50 chains Third rate

Township 30 N. R 7 W. 6 P.M.

From the Cor to Secs. 33 & 34. on the S. Boundary of the Town which is a Stone mound with pits in good Condition Thence

	North between Sections 33 & 34
	Va 15° 05'E
3000	Canyon Course S.E.
4000	Deposited Charred Stake raised mound of earth 2½ feet ~~high for the~~ pits 18 x 24 x 12 in dep for 1/4 Sec Cor
8000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for Corner to Sections 27. 28. 33 & 34 ~~from which Corner I found~~ a rock marked Pine post 2 x 2 x 24 in 1 ft dep in S.E. pit
	S. 43 Chains Sandy Thirdrate balance Clay Thirdrate

Township 30 N. R 7 W. 6 P.M.

	East on a random line between Sections 27 & 34
	Va 15° 20'E
400	Ravine Co. S.E.
3480	Ravine Course S.
4000	Set temporary 1/4 Sec Cor
7992	Intersected the N. and S. line 22 links South of the Corner to Sections 26. 27. 34 & 35 from which Corner I run South 89° 51' West on a true line between Sections 27 & 34
	Va 15° 20'E
3996	Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor
7992	The Corner to Sections ~~26. 27~~ 27. 28. 33 & 34
	East 20 chs Clay Secondrate West 60 chs broken Thirdrate

Township 30 N. R 47 W. 6th P.M.

North between Sections 26 and 27
va 15° E

300 Ravine course S.E.
4 2650 Ravine course S.E.
8 3350 Ravine course S.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 21. 22. 27 and 28
Drove marked Pine post 2 x 2 x 24 in 1 ft deep in S.E. pit

South 40 chs broken Hundreds.
Balance of land Dark clay soil and Fine rate land
~~Sept~~ Aug 29th 1879

Township 30 N. R 47 W. 6th P.M.

East on a random line between Sections 22 and 27
va 15° 30' E
4000 Set temporary 1/4 Sec Cor
7900 Ravine course S.E.
7988 Intersected the North and South line 8 links North of the Corner to Sections 22, 23, 26 and 27
from which Corner drew North 89° 57' West on a true line between 22 & 27
va 15° 30' E
3994 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
7988 The Corner to Sections 21. 22 27 and 28

West 50 chains first rate land Second rate

Township 30 N. R 47 W. 6th P.M.

North between Sections 21 and 22
Va 15° 15' 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.

Drive Marked ~~Post~~ Pine Post 2 x 2 x 24 in 1 ft deep in S.E. pit

Undulating Clay loam
first rate land

Township 30 N. R 47 W. 6th P.M.

East on a random line between Sections 15 and 22
Va 15° 35' E

4000 Set temporary 1/4 Sec Cor

8012 Intersected the North and South line 16 links North of the Corner to Sections 14. 15. 22. and 23 from which Corner ~~to Sections~~ Drew
North 89° 55' West on a true line between Sections 15 and 22
Va 15° 35' E

4006 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8012 The Corner to Sections 15. 16 21 and 22.

West 50 chs Undulating first rate Soil
6 ch. Gutty rolling Second rate

Township 30 N. R 47 W. 6th P.M.

North between Sections 15 and
ra 15° 15' 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

5965 Drain Course S.E.

8000 Deposited Charred stake
raised mound of earth 2½
feet high from pits 18 x 24 x
1½ in dep for Corner to Sections
9, 10, 15 and 16

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

S. 40 chs. first rate balance
gently rolling Second rate
land

Township 30 N. 47 W. 6th P.M.

East on a random line
between Sections 10 and 15
ra 15° 35' E

1050 Drain Course S.E.

4000 Set temporary 1/4 Sec Cor

8020 Intersected the North and South
line 14 links South of the Corner
10, 11, 14 and 15 from which Corner
Drove
North 89° 54' West on a true line
between Sections 10 and 15
ra 15° 35' 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 9
10, 15 and 16

Dark Soil, good Second
rate land

Township 30 N. R 47 W. 6th P.M.

North between Sections 9 and 10
Va 15° 15' E

1200 Drain Course N.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

6960 Drain Course East

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 deep in S.E. pits

End Second rate land

Township 30 N. R 47 W. 6th P.M.

East on a random line between Sections 3 and 10
Va 15° 35' E

300 Ravine Course S.E.

4000 Set temporary 1/4 Sec Cor

4700 Drain Course South

8060 Intersected the north and south line 28 links south of the Corner to Sections 2, 3, 10 and 11 from which Corner drove South 89° 48' West on a true line between Sections 3 and 10
Va 15° 35' E

4030 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8060 The Corner to Sections 3, 4, 9 and 10

Gently rolling some broken by ravines
Ther drain Soil

Township 30 N. R 47 W 6th P.M.

North on a random line between Sections 3 and 4
va 15° 05' E

750	Ravine Course East
4200	Set temporary 1/4 Sec Cor
4600	Ravine Course S.E.
6600	Ravine Course S.E.
7986	Intersected the North Boundary of the Township 14 links West of the Corner to Sections 3 and 4 from which Corner.

Drove South 6' West of a true line between Sections 3 and 4
va 15° 05' E

3986	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for 1/4 Sec Cor
7986	The Corner to Sections 3, 4 9 and 10

South 60 chains broken Thirdrate but Secondrate

Township 30 N. R 47 W. 6th P.M.

Township Cor. to Secs. 32 & 33 on South boundary of Township which is a mound with pits on 4 sides

North between Sections 32 and 33
va 15° 05' E

4000	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for 1/4 Sec Cor
8000	Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for Corner to Sections 28, 29, 33 and 32

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

Rolling and broken by North deep ravines sandy soil
Thirdrate land

Township 30 N Range 6 W. P.M.

East on a random line between Sections 28 and 33
Va 15° 25' E

24 60 Ravine Course South
40 00 Set temporary 1/4 Sec Cor
80 30 Intersected the North and South line 38 links South of the Corner to Sections 27, 28, 33 and 34 from which Corner Iron Pipe South 89° 44' West on a true line between Sections 28 and 33
Va 15° 25' E

40 15 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

80 30 The Corner to Sections 28, 29, 32 and 33

Rolling and Broken Thirdrate Land

Township 30 N Range 7 West 4th P.M.

North between Sections 28 and 29
Va 15° 15' E

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

80 00 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for Corner to Sections 20, 21, 28 and 29. Grove Marked Willow post 2 x 2 x 24 in 18 in deep for in S.E. pit

South 30 chains Sandy Soil Thirdrate land
Balance Secondrate

Township 30 N. R 47 W. 6th P.M.

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

4000 Set temporary 1/4 Sec Cor
80.34 Intersected the N. and S. line 22 links South of the Corner to Sections 21. 22. 27 and 28 from which Corner Bran South 89° 57' West on true line between Sections 21 and 28
ra 15° 25' E

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

80.34 The Corner to Sections 20. 21 28 and 29

Rolling Surface good Section Grade land

Township 30 N. R 47 W. 6 P.M.

North between Sections 20 and 21
ra 15° 15' 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 28 x 24 x 12 in deep for Corner to Sections 16. 17. 20 and 21
Brass marked Micro post 2 x 2 x 24 in 1 ft deep for in S.E. pits

S. 20 chains rolling Second rate Bottom undulating dark clay soil first rate land

Aug 30th 1879

Township 30 N. R 4 W 6th P.M.

	Easton a random line between Sections 16 and 21 Va 15° 25' E
1220	Small Drain Course South
8400	Small Drain Course S.E.
4000	Set temporary 1/4 Sec Cor
8018	Intersected the North B. line 12 links North of the Corner to Sections 15, 16, 21 and 22. from which Corner Drum
	North 89° 55' West on a true line between Sections 16 and 21 Va 15° 25' E
4009	Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor
8018	The Corner to Sections 16, 17, 20 and 21

Township 30 N. R 4 W 6th P.M.

	North between Sections 16 and 17 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 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
	Grove marked willow post 2 x 2 x 24 in 1 ft deep in S E pit
	Gently rolling dark clay Scrub fenestrica land

Township 30 N. R 27 W. 6th P.M.

	East on a random line between Sections 9 and 16
	va 15° 25' E
4000	Set temporary 1/4 Sec Cor
8016	Intersected the N. and S. line 8 links South of the Corner to Sections 9. 10. 15 and 16 from which Corner Drove South 89°57' West on a true line between Sections 9 and 16
	va 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 8, 9, 16 and 17
	West 60 chains Gently rolling first rate. Balance Second rate

Township 30 N. R 27 W 6 P.M.

	North between Sections 8 and 9
	va 15° 10' E
1960	Drain Corner 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
5820	Drain Corner 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 4. 5. 8 and 9
	Drove marked Pine post 2 x 2 x 24 in deep for
	S. 30 chains Clay loam first rate land
	Balance Second rate

Township 30 N. R 47 W. 6th P.M.

East on a random line
between Sections 4 and 9
va 15° 25' E

1800 Drain course S.East
4000 Set temporary 1/4 Sec Cor
7990 Intersected the North and
South line 14 links South
of the Corner to Sections 3. 4
9 and 10 from which Corner
Drain
South 89° 54' West on a true line
between Sections 4 and 9
va 15° 25' E

3995 Deposited Charred Stake
raised mound of earth 2½ feet
high from pits 18 x 24 x
18 in deep for 1/4 Sec Cor
7990 The corner to Sections
4. 5. 8 and 9

Rolling Clay Land
Secondrate Soil

Township 30 N. R 47 W. 6 P.M.

North on a random line
between Sections 4 and 5
va 15° 05' E

2370 Large Drain course S.E.
4000 Set temporary 1/4 Sec Cor
7996 Intersected the North boun-
dary of the Township 28 links
East of the Corner to Sections
which is a mound with pits on good Quality
4 and 5 from which Corner
Drain
South 12' East on a true line
between Sections 4 and 5
va 15° 05' E

3996 Deposited charred Stake
raised mound of earth
2½ feet high from pits
18 x 24 x 14 in deep for 1/4
Sec Cor
7996 The Corner to Sections 4. 5.
8 and 9

North 20 chs first rate land
balance Secondrate

Township 30 N R 47 W. 6 P.M.

From Cor to Secs. 31 & 32 on South Boundary of Township which is a mound with pits in pro. and the Cor Drum

North between Sections 31 32

va 15° 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

5000 Drain Course S.E.

8000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for Corner to Sections 29, 30, 31 and 32

Drove marked willow post 2 x 2 x 24 in 1 ft dep for S.E. pit

S. 60 chs rolling Sandy Soil Third rate
Balance Sandy Third rate

Township 30 N. R 47 W. 6th P.M.

Easton a random line between Sections 29 and 32

va 15° 20' E

4000 Set temporary 1/4 Sec Cor

4600 Dry Creek Course S.E.

8026 Intersected the N. and S. line 38 links North of the Corner to Sections 28, 29, 32 and 33 from which Corner Drum North 89° 44' West on a true line between Sections 29 and 32

va 15° 20' E

4013 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor

8026 The Corner to Sections 29, 30 31 and 32

Sandy Soil
Third rate

Township 30 N. R 47 W. 6th P.M.

West on a random line between Sections 30 and 31
Va 15° 20' E

1550 Drain Course S.E.
4000 Set temporary 1/4 Sec Cor
7948 Intersected the West boundary of the Township 22 links N. of the Corner to Sections 30 and 31
while in a mound of stones in good condition
From which Corner I run
North 89°51' East on a true line between Sections 30 and 31
Va 15° 20' E
3948 Deposited charred stake raised mound of earth 2½ ft high from pits 18 x 24 x 12 in dep for 1/4 Sec Cor
7948 The Corner to Sections 29. 30 31 and 32

East 20 chs Thirdrate
Balance Twenty-seven
Seconds rate

Township 30 N. R 47 W. 6 P.M.

North between Sections 29 and 30
Va 15° East

3500 Dry Creek Course East
4000 Deposited charred stake
Set temporary 1/4 Sec Cor
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 feet high from pits 18 x 24 x 12 in dep for corner to Sections 19. 20. 29 and 30
Drove marked willow post 2 x 2 x 24 in 1 ft dep in S.E. pits

Surface broken by ravines
Sandy Thirdrate land

Township 30 N R 47 West 6th P.M.

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

4000 Set temporary 1/4 Sec Cor
4200 Raise Course South
8028 Intersected the N. and S. line 32 links South of the Corner to Sections 20, 21, 28 and 29 from which Corner Drawn South 89° 46' West on a true line between Sections 20 and 29
Va 15° 20' E

4014 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

8028 The Corner to Sections 19. 20. 29 and 30

N. 40 Chs broken Thirdrate Coal. broken Clay Strata

Township 30 N. R 47 W. 6th P.M.

West on a random line between Sections 19 and 30
Va 15° 20' E

4000 Set temporary 1/4 Sec Cor
4500 Dry Creek Course S.E.
7978 Intersected the West boundary of the Township 20 links South of the Corner to Sections 19 and 30 (which is a mound with pits in good condition) from which Corner drawn South 89° 51' East on a true line between Sections 19 and 30
Va 15° 20' 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

7978 The Corner to Sections 19. 20. 29 and 30

Sandy Soil Thirdrate land Sand Stone Croppings of poor quality on East 40 Chs

Aug 31st 1879

Township 30 N. R 47 W. 6th P.M.

North between Sections 19 and 30
Va 15° 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 17. 18. 19 and 20

Cross marked willow post 2 x 2 x 24 in 1 ft. deep in S.E.

South 27 chs broken
Thirdrate Soil

Township 30 N. R 47 W. 6th P.M.

East on a random line between Sections 17 and 20
Va 15° 35' E

700 Ravine Course S.E.

4000 Set temporary 1/4 Sec Cor

4100 Ravine Course S.E.

8004 Intersected the N. and S. line 24 links South of the Corner to Sections 16. 17. 20 and 21 from which Corner Drove South 89° 50' West on a true line between Sections 17 and 20
Va 15° 35' E

4002 Deposited Charred Stake raised Mound of earth 2½ feet high from pits 18 x 24 x 12 in. deep for 1/4 Sec Cor

8004 The Corner to Sections 17. 18 19 and 20

Rolling Clay land
Secondrate

Township 30 N. R 47 W. 6th P.M.

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

4000 Set temporary 1/4 Sec Cor

7962 Intersected the West boundary of the Township 17 links South of the Corner to Sections 18 and 19 which is a mound of stones in good condition from which Corner I run South 89° 58' East on a true line between Sections 18 and 19
Va 15° 30' E

3962 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18 x 24 x 12 in deep for 1/4 Sec Cor

7962 The Corner to Sections 17 18 19 and 18 20

Gently rolling Clay Soil
Second rate

Township 30 N. R 47 W. 6th P.M.

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

1300 Ravine 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 7 8 17 and 18

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

S. 20 chains Gently rolling
Second rate land
Bal. Dark Clay Soil
First rate

Township 30 N. R 47 W. 6th P.M.

East on a random line
between Sections 8 and 17
va 15° 25' E

4000 ~~Set~~ temporary 1/4 Sec Cor
8014 Intersected the North and S.
line 16 links North of the
Corner to Sections 8. 9. 16 and 17
from which Corner I run
North 89° 53' West true line
between Sections 8 and 17
va 15° 25' E

4007 Deposited Charred Stake
raised mound of earth 2½
feet high from pits 18 x 24
x 12 in dep for 1/4 Sec Cor
8014 The Corner to Sections 7. 8.
17 and 18

Guilty rolling Clay Soil
fertile

Township 30 N. R 47 W. 6th P.M.

West on a ~~random~~ line between
Sections 7 and 18
va 15° 25' E

4000 Set temporary 1/4 Sec Cor
4050 Ravine Course South
7974 Intersected the West
boundary of the Township
32 links South of the Corner
which is in a ravine
to Sections 7 and 18 from
which Corner I run
South 89° 46' East on a true
line between Sections 7 and 18
va 15° 25' E

3974 Deposited Charred Stake
raised mound of earth 2½
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

Guilty rolling upland
fertile soil

Township 30 N. R 47 W. 6 P.M.

North between Sections 7 and 8
va 15° 10'E

4000 Deposited Charred Stake raised mound of earth 2½ feet high from pits 18x24x12 in deep for 1/4 Sec Cor

68.00 Drain Cause S.E.

8000 Deposited Charred stake raised mound of earth 2½ feet high from pits 18x24x12 in deep for Corner to Sections 5.6 7 and 8

Dopse marked pine post 2x2x24 in 1 ft deep in S.E. pit

South 60 Chs. upland fairway

North 20 Chs rolling
Secondrate

Township 30 N. R 47 W. 6 P.M.

East on a random line between Sections 5 and 8
va 15° 30'E

4000 Set temporary 1/4 Sec Cor

8006 Intersected the N. and S. line 22 links South of the Corner to Sections 4.5.8 and 9 from which Corner drew South 89° 51' West on a true line between Sections 5 and 8
va 15° 30'E

4003 Deposited Charred stake raised mound of earth 2½ feet high from pits 18x24x12 in deep for 1/4 Sec Cor

8006 The Corner to Sections 5.6.7 and 8

Rolling Clay land
Secondrate

Township 30 N. R 47 W. 6th P.M.

West on a random line between Sections 6 and 7
Va 15° 30' E

4000 Set temporary 1/4 Sec Cor
6430 Wagon trail bears N.E. and S.W.
7980 Intersected the West boundary of the Township 12 links South of the Corner to Sections 6 and 7, which is a mound with pits in good condition, from which Corner I run South 84 55' East on a true line between Sections 6 and 7
Va 15° 30' E

3980 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x 1½ in deep for 1/4 Sec Cor
7980 The Corner to Sections 5, 6, 7 and 8

E 40 chains Second rate
W. 40 chains Dark Soil
fair rate Soil

Township 30 N. R 47 W. 6th P.M.

North on a random line between Sections 5 and 6
Va 15° 10' E

4000 Set temporary 1/4 Sec Cor
5440 Drain Course S.E.
8020 Intersected the North boundary of the Township 10 links West of the Corner to Sections 5 and 6, which is a mound with pits in good condition, from which Corner I run
South 4' West on a true line between Sections 5 and 6
Va 15° 10' E

4020 Deposited charred stake raised mound of earth 2½ feet high from pits 18 x 24 x ½ in deep for 1/4 Sec Cor
8020 The Corner to Sections 5, 6, 7 and 8

Rolling Clay land Soil
Second rate

Sept 1st 1879

General Description

This is a good township for farming purposes

In the North East and Southwest portions of the Township the soil is Mostly Clay loam with rolling surface

There is neither timber or living water

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 46 West of the 6th Principal Meridian showing the respective capacities in which they acted

David Davis	Chainman
Horace F. Seely	Chainman
R.R. Crow	Chainman
Edwin Turner	Chainman
Jacob Smith	Flagman

We hereby certify that we assisted Charles R Blackweather, Deputy Surveyor in surveying and subdividing Township number thirty North of the Base line of Range number Forty Seven 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 dimensions Character Construction and marking and in

the manner as specifically described in the foregoing fieldnotes

David Davis Chainman
Horace G. Jerley Chainman
R. R. Crow Cornerman
Edwin Fisher Cornerman
Jacob Smith Flayman

Signed in my presence and sworn to before me this 20th day of Sept 1879

A. J. Kendall
Clerk Dist Ct

I Charles R Starkweather
Deputy Surveyor do solemnly
swear that - in pursuance
of a joint Contract wherein
Nicholas J. Paul & Charles
R. Starkweather are joint
contractors with Geo S.
Smith United States Surveyor
General for the District of
Nebraska and Iowa bearing
date the 30th day of June
1879, I have well faithfully
and truly in my own proper
person & in strict conformity
with the instructions furnished
by the Surveyor General, the
Surveying Manual & the Laws
of the United States, Surveyed all
those parts or portions of Town
ship No 30 North of the Base
Line of Range 47 West of the
6th Principal Meridian in
Nebraska, that are repre-
sented in the foregoing field Note

as having been surveyed under my directions and do further solemnly swear that all the corners of said surveys have been established & perpetuated in strict 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 ~~field notes~~ the true and original notes of such survey

Charles R. Starkweather
Deputy Surveyor

Signed in my presence and sworn before me this Oct 27 - A D 1879

A H Meadall
Clk D. Ct

Surveyor General's Office
Olympia W.T. Dec. 18. 1879

The foregoing field notes of the Survey & Subdivision of Township No 30 North of the Base Line, of Range No 4 West of the 6th Principal Meridian in the Territory, executed by Charles R. Starkweather Deputy Surveyor under Joint Contract No 111 dated June 30. 1879 in the Months of August & September 1879, having been critically examined the necessary corrections & explanations made, the said field notes and the surveys they describe are hereby approved

Geo A Smith
Surveyor General

W. F. Hickey Deputy Surveyor.

T. 31 **North R.** 47 **West.**

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 31 North Range 47 West

6th Principal Meridian.

BY

W. F. Hickey Deputy Surveyor.

Under his Contract of Nov. 10th 1881

Survey Commenced Oct 28 - 1882

Survey Completed Oct 31 - 1882

Platted,

Copied for Washington,

Copied for Register,

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

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

.....6th Principal Meridian.

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

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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 47 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° 20' East.
	Descend. gradually.
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.
47.00	Cross Wash, 30 lks. wide, Course N. 20 E and ascend.
80.00	Set a sand stone 12 x 8 x 6 ins. 8 ins. in the ground for Cor. to Secs. 25, 26, 35 & 36 marked with 1 notch on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush and Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	
	East, on a random line between Sections 25 and 36.
	Variation 15° 25' East.
	Descend. along N. slope.
40.00	Set temporary ¼ sec. cor.
64.00	Cross Wash, 35 lks. wide, Course S. 30 E and ascend.
79.86	Intersect E. B. of Tp. 9 lks. South of cor. to secs. 25, 30, 31 & 36 from which corner, I run S. 89° 56' W. on a true line, between sections 25 & 36.
	Variation 15° 25' East.
39.98 93	Set a sand stone 20 x 13 x 10 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.
79.86	The corner to sections 25, 26, 35 & 36.
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 25 and 26. Variation 15° 25' East.
	Descend.
18.00	Cross Wash, 200 lks. wide, Course 26 S. 80 E.
40.00	Set a lime stone 14 x 12 x 11 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.
50.00	Cross Wash, 100 lks. wide, Course S. 40 E.
80.00	Set a sand stone 14 x 8 x 6 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.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 24 and 25. Variation 16° 00' East.
	Ascend. gradually.
12.00	Top of Spur, bears N. W. & S. E. and descend.
23.00	Cross Wash, 30 lks. wide, Course S. 40 E. and ascend.
40.00	Set temporary ¼ sec. cor.
56.16	Cross Gulch, 40 lks. wide, Course S. 40 E.
79.98	Intersect E. B. of Tp. 18 lks. North of cor. to secs. 19 24 25 & 30 from which corner, I run N. 89° 52' W. on a true line, between sections 24 & 25 Variation ~~15° 30'~~ 16° 00' East.
39.99	Set a lime 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.
79.98	The corner to sections 23, 24, 25 & 26.
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 23 and 24. Variation 15° 35′ East.
	Ascend. gradually.
6.00	Top of Spur, bears N. W. & S. E. and descend.
31.00	Cross Wash, 30 lks. wide, Course S. W. and ascend.
40.00	Set a lime 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.
48.00	Top of Spur, bears N. W. & S. E. and descend.
59.00	Cross Wash, 40 lks. wide, Course S. W. and ascend.
66.00	Top of Spur, bears N. W. & S. E. and descend.
80.00	Set a lime stone 20 x 14 x 8 ins. 15 ins. in the ground for Cor. to Secs. 13, 14, 23 & 24 marked with 3 notch on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 13 and 24. Variation 15° 55′ East.
	Ascend.
4.00	Top of Spur, bears N. W. and S. E. and descend.
19.00	Cross Wash, 30 lks. wide, Course N. 20 E and ascend.
24.00	Top of Spur, bears N. W. and S. E. and descend.
40.00	Set temporary ¼ sec. cor.
62.00	Cross Wash, 80 lks. wide, Course S. 30 E and ascend.
80.16	Intersect E. B. of Tp. 34 lks. North of cor. to secs. 13, 18, 19 & 24 from which corner, I run N. 89° 45′ W. on a true line, between sections 13 & 24. Variation 15° ~~40′~~ 55′ East.
40.08	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.
80.16	The corner to sections 13, 14, 23 & 24.
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 13 and 14. Variation 15° 40' East.
	Descend.
4.60	Cross Wash, 30 lks. wide, Course N. 20° E and ascend.
26.00	Top of Spur, bears N. E, and S. W. and descend.
34.10	Cross Wash, 40 lks. wide, Course N. 30° E and ascend.
40.00	Set a line 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.
55.10	Cross Road, bears, N. 40° E. & S. 40° W.
60.00	Top of Spur, bears N. E. and S. W. and descend.
22.08	Cross Wash, 8 lks. wide, Course N. 25° E and ascend.
80.00	Set a line stone 18 x 9 x 4 ins. 13 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 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 12 and 13. Variation 15° 45' East.
	Ascend.
9.00	Top of Spur, bears N. W. and S. E. and descend.
20.14	Cross Wash, 30 lks. wide, Course S. 30° E and ascend.
40.00	Set temporary ¼ sec. cor.
64.18	Cross Road, bears, N. E and S. W.
79.94	Intersect E. B. of Tp. 8 lks. North of cor. to secs. 7, 12, 13 & 18 from which corner, I run N. 89° 57' W on a true line, between sections 12 & 13.
	Variation 15° 45' East.
39.97	Set a line stone 20 x 8 x 4 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.
79.94	The corner to sections 11, 12, 13 & 14.
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 11 and 12. Variation 15° 40' East.
	Ascend.
19.00	Top of Spur, bears N. W. and S. E. and descend.
24.06	Cross Wash, 20 lks. wide, Course S. 20° E. and ascend.
40.00	Set a lime 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.
50.00	Top of Spur, bears N. W. and S. E. and descend.
80.00	Set a sand stone 14 x 12 x 8 ins. 9 ins. in the ground for Cor. to Secs. 1, 2, 11 & 12 marked with 5 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 15° 30' East.
	Ascend.
20.00	Top of Spur, bears N. W. and S. E. and descend.
32.00	Cross Wash, 40 lks. wide, Course S. 40. E. and ascend.
40.00	Set temporary ¼ sec. cor.
46.00	Cross Wash, 30 lks. wide, Course S. 55 E.
79.81	Intersect E.B. of Tp. 23 lks. South of cor. to secs. 1, 6, 7 & 12 from which corner, I run S 89° 50' W. on a true line, between sections 1 & 12. Variation 15' ~~15'~~ 30' East.
39.91	Set a lime stone 16 x 8 x 6 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. 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 1, 2, 11 & 12
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, on a random line between Sections 1 and 2. Variation 15° 15' East.
	Ascend.
12.00	Top of Ridge, bears East & West and descend.
40.00	Set temporary ¼ sec. cor.
53.16	Cross Wash, 38 lks. wide, Course S. 40 E and ascend.
80.07	Intersect N.B. of Tp. 30 lks. West of cor. to secs. 1, 2, 35 & 36 from which corner, I run S. 13' W. on a true line, between sections 1 & 2:
	Variation 15° 15' East.
40.07	Set a Lime stone 20 x 16 x 5 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.
80.07	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.
	D. F. Hickey
	Oct 25 1882

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 34 and 35. Variation 15° 20' East.
	Ascend.
19.00	Top of Spur, bears East and West 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 face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
73.00	Cross Wash, 40 lks. wide, Course N. 70 E and ascend.
80.00	Set a Sand stone 14 x 10 x 8 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 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 15° 25' East.
	Descend.
40.00	Set temporary ¼ sec. cor.
70.00	Cross Wash, 80 lks. wide, Course N. and ascend.
80.13	Intersect N. & S. line, 21 lks. North of cor. to secs. 25, 26, 35 & 36 from which corner, I run N. 89° 51' W. on a true line between sections 26 & 35 Variation 15° ~~30'~~ 25' East.
40.07	Set a sand stone 14 x 12 x 9 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.
80.13	The corner to sections 26, 27, 34 & 35.
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 26 and 27. Variation 15° 30' East.
	Descend.
19.10	Cross Wash, 50 lks. wide, Course N. 30 E and ascend.
32.00	Top of Spur, bears N. W. and S. E. and descend.
40.00	Set a sand stone 28 x 20 x 16 ins., 21 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.
77.00	Cross Wash, 100 lks. wide, Course S. 70 E and ascend.
80.00	Set a line stone 10 x 8 x 8 ins. 7 ins. in the ground for Cor. to Secs. 22, 23, 26 & 27 marked with 2 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 15° 35' East.
	Over rolling land.
40.00	Set temporary ¼ sec. cor.
64.86	Cross Wash, 48 lks. wide, Course S. 30 E. and ascend.
79.76	Intersect N. & S. line, 10 lks. South of cor. to secs. 23, 24, 25 & 26 from which corner, I run S. 89° 56' W. on a true line between sections 23 & 26. Variation 15° 35' East.
39.88	Set a sand stone 20 x 8 x 9 ins., 15 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.
79.76	The corner to sections 22, 23, 26 & 27
	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.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 22 and 23. Variation 15° 30' East.
	Over rolling land.
31.00	Top of Spur, bears N. W. and S. W. and descend.
40.00	Set a sand stone 18 x 10 x 8 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.
45.00	Cross Wash, 20 lks. wide, Course S. 30 E. and ascend.
53.00	Top of Spur, bears N. W. and S. E. and descend.
71.55	Cross Road, bears, N. 45 E. & S. 45° W.
80.00	Set a line stone 16 x 12 x 6 ins. 12 ins. in the ground for Cor. to Secs. 14, 15, 22 & 23 marked with 3 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 15° 40' East.
	Over rolling land.
6.82	Cross Wash, 40 lks. wide, Course S.40 E and ascend.
7.00	Cross Road, bears N. E. and S. W.
40.00	Set temporary ¼ sec. cor.
54.00	Top of Spur, bears N. E. and S. W. and descend.
77.41	Cross Wash, 25 lks. wide, Course N.35 E and ascend.
79.83	Intersect N. & S. line, 14 lks. North of cor. to secs. 13, 14, 23 & 24 from which corner, I run N.89° 54' W. on a true line between sections 14 & 23. Variation 15° 40' East.
39.91	Set a line stone 20 x 8 x 5 ins., 15 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.
79.83	The corner to sections 14, 15, 22 & 23.
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 14 and 15. Variation 15° 40' East.
	Descend.
7.00	Cross Wash, 50 lks. wide, Course S.40 E and ascend.
23.00	Top of Spur, bears East and 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 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. in Sag.
49.50	Top of Spur, bears East and West and descend.
57.12	Cross Wash, 40 lks. wide, Course East and ascend.
80.00	Set a line stone 20 x 16 x 14 ins. 15 ins. in the ground for Cor. to Secs. 10, 11, 14 & 15 marked with 4 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 11 and 14.
	Variation 15° 40' East.
	Descend.
32.90	Cross Wash, 20 lks. wide, Course N. 20 E and ascend.
40.00	Set temporary ¼ sec. cor.
53.00	Cross Wash, 50 lks. wide, Course S. 53 E
80.08	Intersect N. & S. line, 27 lks. North of cor. to secs. 11, 12, 13 & 14 from which corner, I run N. 89° 48' W. on a true line between sections 11 & 14
	Variation 15° 40' East.
40.04	Set a line stone 12 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.
80.08	The corner to sections 10 11 14 & 15.
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 10 and 11.
	Variation 15° 45' East.
	Descend.
6.00	Cross Wash, 40 lks. wide, Course S. 80 E and ascend.
11.00	Top of Spur, bears East and West and descend.
40.00	Set a sand stone 20 x 11 x 6 ins., 15 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.
46.00	Cross Wash, 30 lks. wide, Course S. 70 E and ascend.
52.00	Top of Spur, bears East & West and descend.
69.00	Cross Wash, 90 lks. wide, Course East and ascend.
80.00	Set a line stone 20 x 8 x 4 ins. 15 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 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 2 and 11. Variation 15° 15' East.
	Ascend.
4.00	Top of Spur, bears N. W. and S. E. and descend.
20.18	Cross Wash, 20 lks. wide, Course S. 40 E and ascend.
40.00	Set temporary ¼ sec. cor.
69.74	Cross Wash, 15 lks. wide, Course South
80.13	Intersect N. & S. line, 12 lks. North of cor. to secs. 1, 2, 11 & 12 from which corner, I run
	N. 89° 55' W. on a true line between sections 2 & 11
	Variation 15° ~~2~~15' East.
40.07	Set a Sand stone 16 x 11 x 8 ins., 12 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.
80.13	The corner to sections 2, 3, 10 & 11.
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian

Chains	North, on a random line between Sections 2 and 3. Variation 15° 25' East.
	Ascend.
23.00	Top of Spur, bears N. W. & S. E. and descend.
40.00	Set temporary ¼ sec. cor.
54.00	Cross Wash, 40 lks. wide, Course S. 50 E and ascend.
73.00	Top of Spur, bears East and West and descend.
79.84	Intersect N. B. of Tp. 30 lks. West of cor. to secs. 2, 3, ~~35 & 36~~ 34 & 35 from which corner, I run
	S. 13 W. on a true line, between sections 2 & 3
	Variation 15° ~~20~~ 25' East.
39.84	Set a Lime stone 20 x 16 x 8 ins., 15 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.
79.84	The corner to sections 2, 3, 10 & 11
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.
	Henry J. Manning Compassman
	Oct. 28-1882

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 33 and 34. Variation 14° 55' East.
	Ascend.
11.00	Top of Spur, bears N. 20 W. S. 20 E. and descend.
27.00	Cross Wash, 40 lks. wide, Course S. 30 E and ascend.
40.00	Set a line stone 11 x 10 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.
47.00	Top of Spur, bears N. W. and S. E. and descend.
80.00	Set a line stone 20 x 16 x 8 ins. 15 ins. in the ground for Cor. to Secs. 27, 28, 33, & 34 marked with 1 notch on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 27 and 34 Variation 15° 30' East.
	Descend.
16.00	Cross Wash, 30 lks. wide, Course North and ascend.
39.00	Top of Spur, bears North and South and descend.
40.00	Set temporary ¼ sec. cor.
46.00	Cross Wash, 40 lks. wide, Course North and ascend.
56.00	Top of Spur, bears North and South and descend.
76.16	Cross Wash, 10 lks. wide, Course N. 10 E and ascend.
79.00	Top of Spur, bears North and South and descend.
79.78	Intersect N. & S. line, 6 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'~~ 30 East.
39.89	Set a sand stone 16 x 12 x 6 ins., 12 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.
79.78	The corner to sections 27, 28, 33 & 34
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 27 and 28. Variation 15° 15' East.
	Descend.
5.08	Cross Wash, 14 lks. wide, Course S. 28 E. and ascend.
37.00	Top of Spur, bears N. W. and S. E. and descend.
40.00	Set a line stone 15 x 11 x 9 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.
73.10	Cross Wash, 13 lks. wide, Course S. 40 E. and ascend.
80.00	Set a line stone 10 x 10 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 Rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East on a random line between Sections 22 and 27. Variation 15° 30' East.
	Descend.
10.92	Cross Wash, 100 lks. wide, Course N. 80 E. and ascend.
40.00	Set temporary ¼ sec. cor.
45.20	Cross Wash, 100 lks. wide, Course S. 60° E.
79.92	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° ~~25'~~ 30' East.
39.96	Set a line stone 12 x 8 x 4 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.
79.92	The corner to sections 21, 22, 27 & 28.
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 21 and 22. Variation 15° 25' East.
	Ascend.
11.00	Top of Spur, bears East and West and descend.
20.00	Cross Road, bears, N. 65 E. & S. 65 W.
21.40	Cross Wash, 30 lks. wide, Course S. 25 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.
64.00	Top of Spur, bears N. W. & S. E. and descend.
69.75	Cross Wash, 46 lks. wide, Course S. 20 E. and ascend.
80.00	Set a line stone 20 x 16 x 8 ins. 15 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 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 15 and 22. Variation 15° 40' East.
	Ascend.
3.00	Top of Spur, bears N. W. and S. E. and descend.
18.24	Cross Wash, 50 lks. wide, Course S. 55 E and ascend.
26.00	Top of Spur, bears N. W. and S. E. and descend.
40.00	Set temporary ¼ sec. cor.
43.00	Cross Wash, 10 lks. wide, Course S. 30 E and ascend.
59.50	Top of Spur, bears N. 30 W. & S. 30 E. and descend.
79.84	Intersect N. & S. line, ~~lks.~~ at ~~8~~ 7 cor. to secs. 14, 15, 22 & 23 from which corner, I run W. on a true line between sections 15 & 22 Variation 15° 40' East.
39.92	Set a sand stone 12 x 12 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.
79.84	The corner to sections 15, 16, 21 & 22
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 15 and 16. Variation 15° 10' East.
	Descend.
4.50	Cross Wash, 20 lks. wide, Course S. 35 E and ascend.
24.00	Top of Spur, bears N. 55 W. S. 55 E. and descend.
35.00	Low Sagh E. and W.
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.
	Top of Spur, bears East and West and descend.
80.00	Set a land stone 13 x 11 x 8 ins. 8 ins. in the ground for Cor. to Secs. 9, 10, 15 & 16 marked with 4 notches on S. and 3 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 10 and 15. Variation 15° 45' East.
	Descend.
40.00	Set temporary ¼ sec. cor.
52.00	Cross Wash, 50 lks. wide, Course S. 30 E and ascend.
63.00	Top of Spur, bears N. W. and S. E. and descend.
80.00	Intersect N. & S. line, 17 lks. South of cor. to secs. 10, 11, 14 & 15 from which corner, I run S. 89° 53' W. on a true line between sections 10 & 15 Variation 15° 45' ~~70'~~ East.
40.00	Set a line stone 12 x 9 x 6 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.
80.00	The corner to sections 9, 10, 15 & 16.
	Land Rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 15° 10 East.
	Ascend. gradually.
20.00	Top of Spur, bears N. 20 W. & S. 20 E. and descend.
29.50	Cross Wash, 30 lks. wide, Course S. 30 E and ascend.
39.00	Top of Spur, bears N. 30 W. & S. 30 E. and descend.
40.00	Set a sand stone 12 x 10 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on 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. 30 W. & S 30 E. and descend.
62.57	Cross Wash, 10 lks. wide, Course S. 40 E and ascend.
70.00	Top of Spur, bears N. W. and S. E. and descend.
80.00	Set a line stone 12 x 12 x 8 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.
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West

6th Principal Meridian.

Chains	East on a random line between Sections 3 and 10. Variation 15° 25' East.
	Ascend.
7.00	Top of Spur, bears S. E. and N. W. and descend.
19.19	Cross Wash, 30 lks. wide, Course S. 33 E and ascend.
39.30	Top of Spur, bears N. W. and S. E. and descend.
40.00	Set temporary ¼ sec. cor.
60.20	Cross Wash, 30 lks. wide, Course South and ascend.
79.71	Intersect N. & S. line, 34 lks. South of cor. to secs. 2, 3, 10 & 11 from which corner, I run S. 89° 45' W. on a true line between sections 3 & 10 Variation 15° 10' 25' East.
39.86	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.
79.71	The corner to sections 3, 4, 9 & 10
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, on a random line between Sections 3 and 4. Variation 15° 00′ East.
	Ascend.
9.00	Top of Spur, bears N. 20 W. S. 20° E. and descend.
27.41	Cross Wash, 20 lks. wide, Course S. 20 E and ascend.
40.00	Set temporary ¼ sec. cor.
63.00	Top of Spur, bears N. 20 W. & S. 20 E. and descend.
69.58	Cross Wash, 40 lks. wide, Course S. 10 E and ascend.
79.90	Intersect N. B. of Tp. 33 lks. West of cor. to secs. 3, 4, 33 & 34 from which corner, I run S. 14 W. on a true line, between sections 3 & 4 Variation 15° 00′ East.
39.90	Set a line stone 12 x 12 x 10 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.
79.90	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.
	D. F. Hiley Oct. 30-1882

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 32 and 33. Variation 15° 45′ East.
	Descend. gradually.
40.00	Set a sand stone 12 x 8 x 6 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.
54.00	Cross Wash, 90 lks. wide, Course N. 30 E and ascend.
80.00	Set a sand stone 14 x 12 x 6 ins. 9 ins. in the ground for Cor. to Secs. 28 29 32 & 33 marked with notch 1 on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33. Variation 15° 15' East.
	Over rolling land.
37.00	Cross Wash, 90 lks. wide, Course N. 30 E and ascend.
40.00	Set temporary ¼ sec. cor.
49.50	Top of Spur, bears N. W and S. E. and descend.
79.93	Intersect N. & S. line, 28 lks. North of cor. to secs. 27, 28, 33 & 34 from which corner, I run N. 89° 48' W. on a true line between sections 28 & 33
	Variation 15° 15' East.
39.96	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.
79.93	The corner to sections 28, 29, 32 & 33.
	Land Rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian

Chains	North, between Sections 28 and 29. Variation 15° 10' East.
	Ascend.
3.00	Top of Spur, bears East and West. and descend.
40.00	Set a line stone 16 x 10 x 6 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.
74.00	Cross Wash, 13 lks. wide, Course S. 20 E and ascend.
80.00	Set a line stone 20 x 13 x 9 ins. 15 ins. in the ground for Cor. to Secs. 20, 21, 28 & 29 marked with 2 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land Rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 21 and 28. Variation 15° 25' East.
	Over rolling land.
27.00	Cross Wash, 200 lks. wide, Course East.
40.00	Set temporary ¼ sec. cor.
70.20	Cross Wash, 20 lks. wide, Course S. 50 E.
79.83	Intersect N. & S. line, 11 lks. North of cor. to secs. 21, 22, 27 & 28 from which corner, I run N. 89° 55' W. on a true line between sections 21 & 28 Variation 15° 26' East.
39.92	Set a line stone 12 x 8 x 6 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.
79.83	The corner to sections 20, 21, 28 & 29.
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian

Chains	North, between Sections 20 and 21. Variation 15° 05' East.
	Ascend.
7.00	Top of Spur, bears East & West and descend.
16.80	Cross Road, bears East and West.
37.00	Cross Wash, 50 lks. wide, Course S 30 E and ascend.
40.00	Set a line stone 14 x 12 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.00	Set a sand stone 18 x 14 x 8 ins. 13 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 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 16 and 21. Variation 15° 10 East.
	Descend.
3.00	Cross Wash, 40 lks. wide, Course S. 40 E and ascend.
33.00	Top of Spur, bears N. W. and S. E. and descend.
40.00	Set temporary ¼ sec. cor.
66.42	Cross Wash, 25 lks. wide, Course S. 15 E and ascend.
79.89	Intersect N. & S. line, 42 lks. North of cor. to secs. 15, 16, 21 & 22 from which corner, I run N. 89° 42' W. on a true line between sections 16 & 21
	Variation 15° 10' East.
39.95	Set a line stone 12 x 8 x 6 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.
79.89	The corner to sections 16, 17, 20 & 21,
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 16 and 17. Variation 15° 10' East.
	Descend.
5.00	Cross Wash, 40 lks. wide, Course S. 40 E and ascend.
40.00	Set a line stone 11 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.
52.00	Top of Spur, bears East and West and descend.
62.12	Cross Wash, 30 lks. wide, Course S. 35 E and ascend.
68.00	Top of Spur, bears N. W. and S. E. and descend.
78.48	Cross Wash, 40 lks. wide, Course S. 40 E and ascend.
80.00	Set a sand stone 20 x 8 x 6 ins. 15 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 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16. Variation 15° 10' East.
	Ascend.
5.00	Top of Spur, bears N. W. and S. E. and descend.
18.16	Cross Wash, 20 lks. wide, Course S.45 E and ascend.
33.00	Top of Spur, bears N. W. and S. E. and descend.
40.00	Set temporary ¼ sec. cor.
67.80	Cross Wash, 13 lks. wide, Course N.16 W and ascend.
79.64	Intersect N. & S. line, 12 lks. North of cor. to secs. 9 10 15 & 16 from which corner, I run N. 89° 55' W. on a true line between sections 9 & 16
	Variation 15° 10' East.
39.82	Set a sand stone 16 x 13 x 9 ins., 12 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.
79.64	The corner to sections 8, 9, 16 & 17
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 8 and 9. Variation 15° 20' East.
	Ascend.
4.50	Top of Spur, bears N. W. and S. E. and descend.
15.00	Cross Wash, 30 lks. wide, Course S.45 E and ascend.
22.00	Top of Spur, bears N. W. and S. E. and descend.
35.00	Cross Wash, 20 lks. wide, Course S.30 E and ascend.
40.00	Set a line stone 10 x 9 x 7 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.
50.00	Top of Spur, bears N. W. and S. E. and descend.
58.62	Cross Wash, 33 lks. wide, Course S.46 E and ascend.
80.00	Set a line stone 14 x 10 x 8 ins. 9 ins. in the ground for Cor. to Secs. 4, 5, 8 & 9 marked with 5 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 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 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation 15° 10' East.
	Ascend.
19.00	Top of Spur, bears N. 20 W. & S. 20 E. and descend.
40.00	Set temporary ¼ sec. cor.
47.00	Cross Wash, 30 lks. wide, Course S. 20 E and ascend.
78.00	Top of Spur, bears N. W. and S. E. and descend.
79.81	Intersect N. & S. line, 33 lks. North of cor. to secs. 3, 4, 9 & 10 from which corner, I run N. 89° 46' W. on a true line between sections 4 & 9 Variation 15° ~~05'~~ 10' East.
39.91	Set a line stone 10 x 8 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.
79.81	The corner to sections 4, 6, 8 & 9
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, on a random line between Sections 4 and 5. Variation 14° 55' East.
	Ascend.
2.00	Top of Spur, bears N. W. and S. E. and descend.
23.08	Cross Wash, 40 lks. wide, Course N. 30 E and ascend.
40.00	Set temporary ¼ sec. cor.
64.00	Top of Ridge, bears N. E. and S. W. and descend.
79.67	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° 05'~~ 14° 55' East.
39.67	Set a line stone 12 x 9 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.
79.67	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.
	Henry J. Manning Compassman Oct. 30 1882

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 31 and 32. Variation 14° 55' East.
	Descend.
19.00	Cross Wash, 20 lks. wide, Course N. 50 E and ascend.
26.00	Cross Road, to Camp Sheridan bears N. E & S. W.
40.00	Set a lime stone 20 x 18 x 13 ins., 15 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.
78.00	Top of Spur, bears East and West and descend.
80.00	Set a sand stone 18 x 16 x 14 ins. 13 ins. in the ground for Cor. to Secs. 29, 30, 31 & 32 marked with 1 notch on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land Rolling.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 29 and 32. Variation 15° 10' East.
	Ascend.
9.00	Top of Spur, bears North and South and descend.
18.80	Cross Wash, 40 lks. wide, Course North and ascend.
23.00	Cross Road, bears, North and South
40.00	Set temporary ¼ sec. cor.
76.00	Cross Wash, 20 lks. wide, Course North
80.08	Intersect N. & S. line, 16 lks. North of cor. to secs. 28, 29, 32 & 33 from which corner, I run N. 89° 53' W. on a true line between sections 29 & 32, Variation 15° ~~05~~ 10' East.
40.04	Set a sand stone 16 x 10 x 8 ins., 12 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.
80.08	The corner to sections 29, 30, 31 & 32.
	Land ~~mountainous~~. Rolling.
	Soil 2nd & 3rd rate
	Vegetation Sagebrush & Bunchgrass.
	D. F. Sicky
	Oct. 31-1883

Township 31 North Range 47 West
6th Principal Meridian.

Chains	West, on a random line between Sections 30 and 31. Variation 15° 15' East.
	Ascend.
40.00	Set temporary ¼ sec. cor.
45.00	Top of Spur, bears N.80 W. & S.80 E. and descend.
51.00	Cross Wash, 40 lks. wide, Course North and ascend,
64.00	Cross Road, bears, North and South.
78.66	Intersect W. B. of Tp. 46 lks North of cor. to secs. 25, 30, 31 & 36 from which corner, I run N.89° 40' E. on a true line, between sections 30 & 31 Variation 15° 05' East.
38.66	Set a sand stone 3 x 10 x 6 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.
78.66	The corner to sections 29, 30, 31 & 32. Land mountainous. Soil 2nd & 3rd rate Vegetation Sagebrush & Bunchgrass. Henry J. Manning Compassman Oct. 31-1882

Township 31 North Range 47 West
6th Principal Meridian

Chains	North, between Sections 29 and 30. Variation 16° 06' East.
	Descend.
8.00	Cross Wash, 40 lks. wide, Course N.20 W. and ascend.
12.00	Top of Spur, bears N.20 W. & S.20 E. and descend.
21.54	Cross Wash, 4 lks. wide, Course N.18 W. and ascend.
25.00	Top of Spur, bears N. W. & S. E. and descend.
40.00	Set a sand stone 12 x 10 x 8 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on 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.
59.00	Cross Road, bears N. 65 E. & S. 65 W.
66.00	Cross Wash, 200 lks. wide, Course East and ascend.
70.00	Top of Spur, bears East and West and descend.
80.00	Set a lime stone 16 x 10x 8 ins. 12 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 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15° 05' East.
	Descend.
19.26	Cross Wash, 20 lks. wide, Course S. 10 E.
40.00	Set temporary ¼ sec. cor.
46.00	Cross Road, bears N. E. & S. W.
74.00	Cross Wash, 136 lks. wide, Course S. 40 E.
80.17	Intersect N. & S. line, 13 lks. South of cor. to secs. 20, 21, 28 & 29 from which corner, I run S. 89° 54' W. on a true line between sections 20 & 29 Variation 15° ~~20~~ 05' East.
40.09	Set a sand stone 20 x 18 x 6 ins., 15 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.
80.17	The corner to sections 19, 20, 29 & 30
	Land rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.
	D. F. Haley
	Oct 31 – 1882

Township 31 North Range 47 West
6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15° 15' East.
	Ascend gradually.
40.00	Set temporary ¼ sec. cor.
59.13	Cross Wash, 60 lks. wide, Course N. 60 E.
78.34	Intersect W. B. of Tp. 20 lks. North of cor. to secs. 19, 24, 26 & 35 from which corner, I run N. 89° 51' E. on a true line, between sections 19 & 30 Variation 15° ~~20~~ 15' East.
38.34	Set a line stone 20 x 14 x 9 ins., 15 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.
78.34	The corner to sections 19, 20, 29 & 30.
	Land rolling.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.
	Henry J. Manning
	Compassman
	Oct 31 – 1882

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 19 and 20. Variation 15° 20' East.
	Descend.
3.50	Cross Wash, 20 lks. wide, Course S. 40 E. and ascend.
11.00	Top of Spur, bears N. 43 W. S. 43 E. and descend.
20.00	Cross Wash, 150 lks. wide, Course S. 34 E. and ascend.
35.00	Cross Road, bears, N. 30 W. S. 30 E.
40.00	Set a sand stone 18 x 14 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.
42.00	Top of Spur, bears N. W. and S. E. and descend.
72.18	Cross Wash, 60 lks. wide, Course S. 20 E. and ascend.
80.00	Set a lime stone 16 x 10 x 8 ins. 12 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.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15° 10' East.
	Ascend.
20.20	Top of Spur, bears N. W. and S. E. and descend.
34.89	Cross Wash, 30 lks. wide, Course E. and ascend.
40.00	Set temporary ¼ sec. cor.
60.00	Top of Spur, bears S. E. and N. W. and descend.
79.94	Intersect N. & S. line, 32 lks. North of cor. to secs. 16, 17, 20 & 21 from which corner, I run N. 89° 46' W. on a true line between sections 17 & 20
	Variation 15° 34' East.
39.97	Set a lime stone 13 x 10 x 18 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.
79.94	The corner to sections 17, 18, 19 & 20.
	Land mountainous.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.
	D. F. Hickey
	Oct 31 - 1882

Township 31 North Range 47 West
6th Principal Meridian.

Chains	West, on a random line between Sections 18 and 19. Variation 15° 20' East.
	Descend.
3.00	Cross Wash, 60 lks. wide, Course S. 20 E. and ascend.
11.00	Cross Road, bears, N. 20 W. and S. 20 E.
27.00	Top of Spur, bears N. 33 W. and S. 66 E. and descend.
40.00	Set temporary ½ sec. cor.
47.35	Cross Wash, 20 lks. wide, Course S. 50 E. and ascend.
78.49	Intersect W. B. of Tp. 48 lks. North of cor. to secs. 13, 18, 19 & 24 from which corner, I run N. 89° 39 E. on a true line, between sections 18 & 19. Variation 15° 20' East.
38.49	Set a sand stone 17 x 14 x 8 ins., 13 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.
78.49	The corner to sections 17, 18, 19 & 20
	Land Rolling.
	Soil 2nd. & 3rd. rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 17 and 18. Variation 15° 30' East.
	Descend.
32.00	Cross Wash, 40 lks. wide, Course S. 45 E. and ascend.
40.00	Set a line stone 12 x 12 x 6 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.
41.50	Top of Spur, bears N. 20 W. & S. 20 E. and descend.
50.00	Cross Wash, 40 lks. wide, Course S. 50 E. and ascend.
76.00	Top of Spur, bears N. W. and S. E. and descend.
80.00	Set a sand stone 13 x 9 x 7 ins. 8 ins. in the ground for Cor. to Secs. 7, 8, 17 & 18 marked with 4 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land 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.
	Henry J. Manning Compassman Oct 31 - 1882

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 8 and 17. Variation 16° 20' East.
	Descend.
19.91	Cross Wash, 56 lks. wide, Course S 40 E and ascend.
40.00	Set temporary ¼ sec. cor.
45.00	Top of Spur, bears N. W. and S. E. and descend.
78.64	Cross Wash, 40 lks. wide, Course S. 40 E and ascend.
79.76	Intersect N. & S. line, 17 lks. North of cor. to secs. 8, 9, 16 & 17 from which corner, I run N. 89° 53' W. on a true line between sections 8 & 17 Variation 15° ~~20'~~ 20' East.
39.88	**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.**
79.76	The corner to sections 7, 8, 17 & 18. Land mountainous. Soil 2nd & 3rd rate Vegetation Sagebrush & Bunchgrass. D. F. Hickey Oct. 31-1882

Township 31 North Range 47 West
6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18. Variation 15° 05' East.
	Descend.
21.00	Cross Road, bears N. 10 E. & S. 10 W.
22.09	Cross Wash, 32 lks. wide, Course South and ascend.
40.00	Set temporary ¼ sec. cor.
42.00	Top of Spur, bears N. W. and S. E. and descend.
78.18	Intersect W. B. of Tp. 26 lks. North of cor. to secs. 7, 12, 13 & 18 from which corner, I run N. 89° 49' E on a true line, between sections 7 & 18 Variation 15° ~~20'~~ 05' East.
38.18	Set a line stone 16 x 12 x 8 ins., 12 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.
78.18	The corner to sections 7, 8, 17 & 18 Land mountainous. Soil 2nd & 3rd rate Vegetation Sagebrush & Bunchgrass Henry J. Manning Compassman Oct 31-1882

Township 31 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 7 and 8. Variation 15° 30' East.
	Descend.
22.00	Cross Wash, 30 lks. wide, Course S. 60 E. and ascend.
31.00	Top of Spur, bears N. 40 W. & S. 40 E. and descend.
40.00	Set a line stone 16 x 9 x 8 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. low Sag and ascend.
51.50	Top of Ridge, bears N. W. & S. E. and descend.
66.00	Cross Wash, 10 lks. wide, Course N. 10 W. and ascend.
80.00	Set a line stone 14 x 12 x 8 ins. 9 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.
	D. F. Hickey Oct 31st 1882

Township 31 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 5 and 8. Variation 15° 05' East.
	Descend.
19.00	Cross Wash, 40 lks. wide, Course N. 30 W. and ascend.
34.00	Top of Spur, bears N. W. and S. E. and descend.
40.00	Set temporary ¼ sec. cor. low Sag and ascend.
44.00	Top of Ridge, bears N. 20 E. & S. 20 W. and descend.
59.00	Cross Wash, 10 lks. wide, Course South and ascend.
79.80	Intersect N. & S. line, 22 lks. South of cor. to secs. 4, 5, 8 & 9 from which corner, I run S. 89° 51' W. on a true line between sections 5 & 8 Variation 16° 00' East.
39.90	Set a line stone 14 x 10 x 8 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.
79.80	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.
	D. F. Hickey Oct 31-1882

Township 31 North Range 47 West

6th Principal Meridian.

Chains	West, on a random line between Sections 6 and 7. Variation 14° 55' East.
	Ascend.
5.00	Top of Spur, bears N. W. and S. E. and descend.
24.00	Cross Road, bears, North & South
40.00	Set temporary ¼ sec. cor.
64.89	Cross Wash, 66 lks. wide, Course N. 10 W. and ascend.
78.32	Intersect W. B. of Tp. 29 lks. North of cor. to secs. 1, 6 & 12 from which corner, I run N. 89° 48' E. on a true line, between sections 6 & 7. Variation ~~15° 40'~~ 14° 55' East.
38.32	Set a sand stone 14 x 13 x 10 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.
78.32	The corner to sections 5, 6, 7 & 8
	Land mountainous.
	Soil 2nd. & 3rd rate
	Vegetation Sagebrush & Bunchgrass.

Township 31 North Range 47 West

6th Principal Meridian.

Chains	North, on a random line between Sections 5 and 6. Variation 14° 40' East.
	Descend.
36.14	Cross Wash, 90 lks. wide, Course N. 55 W. and ascend.
40.00	Set temporary ¼ sec. cor.
50.00	Top of Spur, bears N. 40 W. & S. 40 E. and descend.
79.58	Intersect N. B. of Tp. 42 lks. West of cor. to secs. 5, 6, 31 & 32 from which corner, I run S. 18 W. on a true line, between sections 5 & 6. Variation ~~15° 40'~~ 14° 40' East.
39.58	Set a sand stone 16 x 14 x 6 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.
79.58	The corner to sections 5, 6, 7 & 8
	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.

Henry J. Manning
Compassman
Oct 31-1882

GENERAL DESCRIPTION.

The land in this Township is generally mountainous
The soil is second rate & 3rd rate.
There is an abundance of Bunch grass throughout the Township which renders it valuable as a grazing country

U. S. Surveyor General's Office.

.....188

The foregoing Field Notes of the surveys of

.....

.....

.....

.....*Meridian*

in.....*executed by*

.....

U. S. Deputy Surveyor, under his contract dated

.....

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

.....

U. S. Surveyor-General for

D F Hickey Deputy Surveyor.

T. 32 **North R.** 47 **West.**

6th Principal Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 32 North Range 47 West

6th Principal Meridian.

BY

D F Hickey Deputy Surveyor.

Under his Contract of Nov. 10th 1881

Survey Commenced Nov. 8th 1882

Survey Completed Nov. 10th 1882

Platted,
Copied for Washington,
Copied for Register,

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

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

.....6th Principal Meridian.

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

Edward Denny & Co., Stationers & Printers, S. F., Cal.
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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 32 North Range 47 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° 00 East.
	Ascend.
40.00	Set a Sand stone 14 x 12 x 10 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. on S. slope.
49.75	Water shed between Running Water Creek & White River bears E. & W. and descend.
57.00	Cross Gulch, 125 lks. wide, Course N. E and ascend,
73.00	Top of Spur, bears E and W. and descend.
76.43	Cross Gulch, 10 lks. wide, Course N. 20 W. and ascend.
80.00	Set a Sand stone 11 x 10 x 10 ins. 8 ins. in the ground for Cor. to Secs. 25-26-35 & 36 marked with 1 notch on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous.
	Soil 3rd rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 25 and 36. Variation 15° 00 East.
	Ascend.
9.50	Top of Spur, bears N. 30° W. & S 30° E and descend.
29.60	Cross Gulch, 300 lks. wide, Course N 20° W and ascend.
40.00	Set temporary ¼ sec. cor.
47.00	Top of Spur, bears N. and S. and descend.
79.90	Intersect E B. of Tp. 30 lks. S. of cor. to secs. 25-36-30 731 from which corner, I run S 89° 39' W on a true line, between sections 25 & 36 Variation 15° East.
39.95	Set a Sand stone 14 x 10 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.90	The corner to sections 25-36-35 & 36
	Land mountainous.
	Soil 3rd rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 25 and 26. Variation 15° East.
	Descend.
12.17	Cross Gulch, 125 lks. wide, Course N. 65° W. and ascend.
15.14	Top of Spur, bears E and W. and descend.
19.93	Cross Gulch, 30 lks. wide, Course W. and ascend.
35.75	Top of Spur, bears E and W. and descend.
40.00	Set a Sand stone 13 x 10 x 4 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
41.50	Cross Gulch, 20 lks. wide, Course W. and ascend.
71.00	Top of Spur, bears N. W. & S. E. and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 23-24-25-26 marked T. 32 N. S. 24 on N. E., R. 47 W, S. 25 on S. E., S. 26 on S. W. and S. 23 on N. W. face; 25 with 2 notch es on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.
	Land mountainous.
	Soil 3rd. rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 24 and 25. Variation 15°.00 East.
	Descend.
34.71	Cross Gulch, 100 lks. wide, Course N. and ascend.
40.00	Set temporary ¼ sec. cor.
45.34	Cross Road, bears N. W. and S. E.
56.00	Top of Spur, bears N. and S. and descend.
80.11	Intersect E. B. of Tp. 33 lks. S. of cor. to secs. 24-25-19-30 from which corner, I run S 89° 46' W on a true line, between sections 24 & 25
	Variation 15°.08' East.
40.06	Set a Sand stone 14 x 12 x 10 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.11	The corner to sections 23 - 24 - 25 & 26
	Land mountainous.
	Soil 3rd. rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 23 and 24. Variation 15° 00 East.
	Descend.
13.00	Cross Gulch, 100 lks. wide, Course E and ascend.
17.25	Top of Spur, bears E & W. and descend.
39.00	Cross Gulch, 25 lks. wide, Course E and ascend.
40.00	Set a Sand stone 14 x 10 x 10 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
57.50	Top of Spur, bears E. and W. and descend.
77.08	Cross Gulch, 20 lks. wide, Course E and ascend.
80.00	Set a Sand stone 14 x 12 x 8 ins. 9 ins. in the ground for Cor. to Secs. 23-24-13 & 14 marked with 3 notch on S. and notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Top of Spur, bears E and W.
	Land mountainous.
	Soil 3rd. rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 13 and 24. Variation 15° 00 East.
	Descend.
11.34	Cross Gulch, 20 lks. wide, Course N.10° W and ascend.
19.40	Cross Road, bears, N. W. and S. E.
34.00	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ sec. cor.
48.74	Cross Gulch, 40 lks. wide, Course N.10° W and ascend.
58.00	Top of Spur, bears N. W. & S. E. and descend.
79.92	Intersect E B. of Tp. 46 lks. S. of cor. to secs. 13-24-18-19 from which corner, I run S 89° 40' W on a true line, between sections 13 & 24 Variation 15°, 00' East.
39.96	Set a Sand stone 8 x 8 x 3 ins., 3 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.92	The corner to sections 13-14-23-24
	Land mountainous.
	Soil 3rd. rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 13 and 14. Variation 15° 00 East.
	Descend.
24.60	Cross Gulch, 25 lks. wide, Course N. 30° W.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
51.19	Cross Road, bears, N. W. and S. E.
52.40	Center Bordeau Creek bears N. W.
67.90	Leave bottom N. W. - and ascend.
72.00	Cross Wash, 60 lks. wide, Course N. W.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 11-12-13-14 marked T. 32 N S. 12 on N. E., R 47 W, S. 13 on S. E., S. 14 on S. W and S. 11 on N. W. face, with 4 notches on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.
	Land rolling.
	Soil 3rd. rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 12 and 13. Variation 15° 00 East.
	Ascend.
40.00	Set temporary ¼ sec. cor.
52.00	Top of Spur, bears N. W. & S. E. and descend.
79.74	Intersect E B. of Tp. 63 lks. S. of cor. to secs. 12-13-7-18 from which corner, I run S 89° 33' W on a true line, between sections 12 & 13
	Variation 15° 00 East.
39.87	Set a Sand stone 12 x 12 x 9 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, and raised a mound of stone. Pits impracticable.
79.74	The corner to sections 11-12-13 & 14
	Land Rolling.
	Soil 3rd. rate
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 11 and 12. Variation 15° East.
	Ascend.
22.50	Top of Spur, bears N. E & S. W. and descend.
34.61	Cross Gulch, 100 lks. wide, Course S. W. and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post. from which
	A Yellow Pine 4 ins. diam. bears N. 31½ W 83 lks. dist. marked ¼ S. B. T.
	A Yellow Pine 14 ins. diam. bears S 13½ E 211 lks. dist. marked ¼ S. B. T.
69.00	Top of Spur, bears N. 80° W & S 80° E and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 1-2-11-12 marked T. 32 N. S. 1, on N. E., R. 47 W, S. 12 on S. E., S. 11 on S. W. and S. 2 on N. W. face, 12 with 5 notch 12 on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post. from which
	A Yellow Pine 13 ins. diam. bears N 41¼ W 92 lks. dist. marked T. 31 N R. 47 W, S., 2 B. T.
	A Yellow Pine 17 ins. diam. bears N. 23 E 71 lks. dist. marked T. 32 N R. 47 W, S., 1 B. T.
	A Yellow Pine 5 ins. diam. bears S 43¾ E 114 lks. dist. marked T. 32 N R. 47 W, S., 12 B. T.
	Land mountainous
	Soil 3rd. rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 1 and 12. Variation 15° East.
	Descend.
19.00	Cross Gulch, 25 lks. wide, Course N. 70° W and ascend.
34.00	Top of Spur, bears N. W. & S. E. and descend.
40.00	Set temporary ¼ sec. cor.
43.00	Cross Gulch, 20 lks. wide, Course N. W. and ascend.
56.00	Top of Spur, bears N. and S. and descend.
67.00	Cross Gulch, 40 lks. wide, Course N. and ascend.
79.71	Intersect E B. of Tp. 53 lks. S of cor. to secs. 1-12-6-7 from which corner, I run S 89° 37' W on a true line, between sections 1 & 12 Variation 15° 00' East.
39.86	Set a Sand stone 14 x 12 x 10 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, and raised a mound of stone. Pits impracticable.
79.71	The corner to sections 1-2-11 & 12
	Land mountainous.
	Soil 3rd. rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 1 and 2. Variation 15° 15' East.
	Descend.
24.00	Cross Gulch, 125 lks. wide, Course N. 80 W and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
56.90	Top of Spur, bears N. W. and S. E and descend.
63.18	Cross Gulch, 40 lks. wide, Course N 25 E and ascend.
72.20	Intersect the 8th Standard Parallel North at a point 2.74 chs. East. of the Standard Cor. to Secs. 31 and 36. T. 33 N. R. 46 W. 47 W. at which point I.
	Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Closing Cor. to Secs. 1 and 2 marked C. C. T. 32 N. R. 47 W., on S S. 1 on E and S. 2 on W. faces, with 1 notch on S and 5 notches on W faces, dug pits 18 x 18 x 12 ins. S. E. & W of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.
	Land mountainous.
	Soil 3rd rate
	Vegetation Bunchgrass. Nov. 8th 1882 D. F. Hickey.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 34 and 35. Variation 15° East.
	Ascend.
40.00	Set a Sand stone 18 x 12 x 12 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, and raised a mound of stone. Pits impracticable.
43.00	Water shed, between Running Water Creek & White River bears E. & W. and descend.
73.00	Cross Gulch, 125 lks. wide, Course E and ascend.
80.00	Set a Sand stone 14 x 12 x 6 ins. 9 ins. in the ground for Cor. to Secs. 26-27-34 & 35 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 Broken.
	Soil 3rd rate
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 26 and 35. Variation 15° East.
	Descend.
7.85	Cross Wash, 125 lks. wide, Course N80 E and ascend.
20.75	Top of Spur, bears N.60° E & S60° W and descend.
38.05	Cross Gulch, 5 lks. wide, Course S. E and ascend.
40.00	Set temporary ¼ sec. cor.
40.00	Top of Spur, bears S. 20 E & N.20° W and descend.
57.80	Cross Gulch, 75 lks. wide, Course N60° E and ascend.
68.00	Top of Spur, bears N. 65° E & S65° W and descend.
78.75	Cross Gulch, 10 lks. wide, Course N. 20° W and ascend.
80.14	Intersect N. & S. line, 27 lks. S. of cor. to secs. 25-26-35 & 36 from which corner, I run S 89°. 48' W. on a true line between sections 26 & 35 Variation 15.00' East.
40.07	Set a Sand stone 14 x 12 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., 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 26-27-34 and 35
	Land mountainous.
	Soil 3rd, rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 26 and 27. Variation 15° East.
	Ascend.
7.00	Top of Spur, bears E and W. and descend.
14.81	Cross Gulch, 25 lks. wide, Course N.80° E and ascend.
18.50	Top of Spur, bears E and W, and descend.
34.00	Cross Gulch, 30 lks. wide, Course E, and ascend.
37.00	Top of Spur, bears E, and W. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post. from which A Yellow Pine 26 ins. diam. bears N.39½ E 31 lks. dist. marked ¼ S. B. T.
42.15	Cross Gulch, 20 lks. wide, Course E, and ascend.
60.00	Top of Spur, bears E, and W, and descend.
77.36	Cross Gulch, 10 lks. wide, Course E, and ascend.
80.00	Set a Sand stone 18 x 16 x 4 ins. 12 ins. in the ground for Cor. to Secs. 22-23-26-27 marked with 2 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high 4½ ft. base.
	Land mountainous.
	Soil 3rd, rate
	Vegetation Bunchgrass
	Timber of Pine.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 23 and 26. Variation 15° East.
	Descend.
21.43	Cross Gulch, 30 lks. wide, Course N. 80° E and ascend.
27.00	Top of Spur, bears N. E & S. W. and descend.
37.00	Cross Gulch, 125 lks. wide, Course N. 40° E and ascend.
40.00	Set temporary ¼ sec. cor.
47.00	Top of Spur, bears N. 25 E & S. 25° W and descend.
59.13	Cross Gulch, 130 lks. wide, Course N 30 W and ascend.
71.00	Top of Spur, bears N. W. & S. E. and descend.
80.38	Intersect N. & S. line, 41 lks. S. of cor. to secs. 23-24-25 & 26 from which corner, I run S 89° 42' W. on a true line between sections 23 & 26 Variation 15° ~~00'~~ East.
40.19	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
80.38	The corner to sections 22 - 23 - 26 & 27
	Land mountainous.
	Soil 3rd, rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 22 and 23. Variation 15° East.
	Ascend.
7.00	Top of Spur, bears E. and W. and descend.
18.81	Cross Gulch, 20 lks. wide, Course E and ascend.
28.00	Top of Spur, bears S. 85° E & N. 85 W and descend.
40.00	Set a Sand stone x x ins., ins. in the ground, for ¼ Sec. Cor., marked ¼ on . face, dug pits, 18 x 18 x 12 ins., . and . of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
45.00	Cross Gulch, ~~lks. wide~~, Course E. and ascend.
57.00	Top of Spur, bears E. and W. and descend.
70.00	Cross Gulch, ~~lks. wide~~, Course E. and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 14-15-22 & 23 marked T. 31 N S. 14, on N. E., R. 47 W, S. 23 on S. E. S. 22 on S. W and S. 15 on N. W. face, 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 around post.
	Land mountainous.
	Soil 3rd, rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 14 and 23. Variation 15° East.
	Descend.
19.63	Cross Gulch, 20 lks. wide, Course N72°E and ascend.
33.00	Top of Spur, bears N E and S.W. and descend.
40.00	Set temporary ¼ sec. cor.
48.17	Cross Gulch, 200 lks. wide, Course N40°W and ascend.
63.00	Top of Hill bears N. and S. and descend.
80.02	Intersect N. & S. line, 87 lks. S of cor. to secs. 13-14-23 & 24 from which corner, I run S89°, 36' W. on a true line between sections 14-23 Variation ~~15°~~ 10 East.
40.01	Set a Sand stone 14 x 8 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.02	The corner to sections 15-14-22 & 23
	Land mountainous.
	Soil 3rd. rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 14 and 15. Variation 15° East.
	Ascend.
3.00	Top of Spur, bears E, and W, and descend.
7.89	Cross Gulch, 10 lks. wide, Course E and ascend.
34.25	Top of Spur, bears E, and W, and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
43.97	Cross Gulch, 25 lks. wide, Course E and ascend.
52.00	Top of Spur, bears E and W, and descend.
59.64	Cross Gulch, 10 lks. wide, Course W, and ascend.
67.00	Top of Spur, bears E and W, and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 10-11-14 & 15 marked T. 32N S. 11, on N. E., R. 47W, S. 14 on S. E., S. 15 on S. W. and S. 10 on N. W. face, cs with 4 notch cs on S. and 2 notch cs 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 mountainous.
	Soil 3rd. rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 11 and 14. Variation 15° 00 East.
	Descend.
.44	Cross Gulch, 10 lks. wide, Course N. W. and ascend.
5.00	Top of Spur, bears N.W. & S.E. and descend.
17.63	Cross Gulch, 30 lks. wide, Course N. and ascend.
29.75	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ sec. cor.
41.17	Cross Gulch, 25 lks. wide, Course N. 10° E and ascend.
45.00	Top of Spur, bears N. & S. and descend.
52.24	Cross Road, bears, N. W. & S. E.
59.16	Cross Creek, Bordeau 15 lks. wide, Course N. 60° W and ascend.
79.89	Intersect N. & S. line, 68 lks. S of cor. to secs. 11-12-13-14 from which corner, I run S 89° 31' W. on a true line between sections 11 & 14
	Variation 15° — East.
39.95	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.
79.89	The corner to sections 10-11-14 & 15
	Land mountainous.
	Soil 3rd. rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 10 and 11. Variation 15°, 00 East.
	Descend.
.47	Cross Gulch, 10 lks. wide, Course N. W. and ascend.
4.50	Top of Spur, bears E. and W. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
	A Yellow Pine 13 ins. diam. bears N 33½ W 63 lks. dist. from which marked ¼ S. B. T.
49.73	Cross Creek, Bordeau 20 lks. wide, Course N 85° W and ascend.
52.00	Cross Road, bears, N. W. and S. E.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 2-3-10 & 11 marked T. 32 N S. 2, on N. E., R. 47 W, S. 11 on S. E., S. 10 on S. W, and S. 3 on N. W. face, cs with 5 notch rs on S. and 2 notch rs on E. edges; and raised a mound of stone 2 ft. high, 4½ ft. base around post. Pits impracticable.
	A Yellow Pine 23 ins. diam. bears N 37½ E 129 lks. dist. from which marked T. 32 N R. 47 W, S., 2 B. T.
	A Yellow Pine 13 ins. diam. bears N. 63¾ W 37 lks. dist. marked T. 32 N R. 47 W, S., 3 B. T.
	Land Rolling.
	Soil 3rd. rate
	Vegetation Bunchgrass
	Timber of Pine.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 2 and 11. Variation 15° East.
	Descend.
17.40	Cross Creek, 10 lks. wide, Course S. 20 E and ascend.
29.00	Top of Spur, bears N. 80° W 7 580° E and descend.
40.00	Set temporary ¼ sec. cor.
80.03	Intersect N. & S. line, 48 lks. S. of cor. to secs. 1-2-11 & 12 from which corner, I run S 89°. 39' W. on a true line between sections 2 & 11 Variation 15° 80' East.
40.02	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.
	A Yellow Pine 7 ins. diam. bears N. 29½ E 14 lks. dist. from which marked ¼ S. B. T.
80.03	The corner to sections 2-3-10 & 11
	Land Rolling.
	Soil 3rd. rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian

Chains	North, on a ~~random~~ true line between Sections 2 and 3. Variation 15° East.
	Ascend.
22.00	Top of Spur, bears N. 70 W 7 570 E and descend.
40.00	Set a Sand stone 14 x 12 x 10 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, and raised a mound of stone. Pits impracticable.
69.00	Cross Gulch, 250 lks. wide, Course N. 60° W and ascend.
73.00	Intersect the 8th Standard Parallel North at a point 2.93 chs. East. of the Standard Cor. to Secs. 35 and 36. T. 33 N. R. 47 W. at which point I.
	Set a post 4 ft. long, 4 ins. square, 24 ins in the ground for Closing Cor. to Secs. 2 and 3 marked C. C. T. 32 N. R. 47 W on S. S. 2 on E and S. 3 on W. faces, with 2 notches on E and 4 notches on W faces; from which an
	Pine 6 ins. diam. bears S. 14 E 43 lks. dist. marked T. 32 N R. 47 W, S., 11 B. T.
	A Pine 4 ins. diam. bears S 4 W 82 lks. dist. marked T. 32 N R. 47 W, S., 10 B. T.
	Land mountainous
	Soil 3rd. rate.
	Timber of Pine
	Vegetation Bunchgrass, Nov. 8th 1882
	Henry J. Manning. Compassman.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 33 and 34. Variation 15° East.
	Ascend.
40.00	Set a Sand stone 12 x 10 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
55.00	Watershed between Running Water Creek and White River bears E & W and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 27-28-33 & 34 marked T. 32 N S. 27, on N. E., R. 47 W, S. 34 on S. E., S. 33 on S. W. and S. 28 on N. W. face, cs with / notch on S. and 3 notch cs 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 mountainous
	Soil 3rd. rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 27 and 34. Variation 15° East.
	Descend.
8.63	Cross Gulch, 20 lks. wide, Course N. E and ascend.
17.00	Top of Hill bears N. 20 E & S 20° W and descend.
40.00	Set temporary ¼ sec. cor.
79.75	Intersect N. & S. line, ~~44~~ 42 lks. S. of cor. to secs. 26-27-34 & 35 from which corner, I run S 89° 42' W. on a true line between sections 27 & 34 Variation 15° 25' East.
39.87	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., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.75	The corner to sections 27-28-33 & 34
	Land hilly
	Soil 3rd. rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 27 and 28. Variation 15° 00 East.
	Descend.
29.75	Cross Wash, 20 lks. wide, Course E and ascend.
40.00	Set a Sand stone 18 x 12 x 6 ins., 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
61.50	Top of Spur, bears N. 20° W & S 20° E and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 21-22-27-28 marked T. 32 N S. 22 on N. E., R. 47 W, S. 27 on S. E., S. 28 on S. W and S. 21 on N. W. face, 25 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 around post.
	from which
	A Yellow Pine 12 ins. diam. bears N 17° W. 31 lks. dist. marked T. 32 N R. 47 W, S., 21 B. T.
	A Yellow Pine 17 ins. diam. bears N. 61¼ E 105 lks. dist. marked T. 32 N R. 47 W, S., 22 B. T.
	A Yellow Pine 14 ins. diam. bears S 31¼ W 62 lks. dist. marked T. 32 N R. 47 W, S., 28 B. T.
	Land Hilly.
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East on a random line between Sections 22 and 27. Variation 15° 00 East.
	Ascend.
13.00	Top of Spur, bears N. 35° E and descend.
29.63	Cross Gulch, 125 lks. wide, Course N. 25° E and ascend.
34.50	Top of Hill bears N. 25° E and descend.
40.00	Set temporary ¼ sec. cor.
54.00	Cross Gulch, 20 lks. wide, Course N. and ascend.
71.00	Top of Hill bears N. & S. and descend.
79.68	Intersect N. & S. line, 22 lks. S. of cor. to secs. ~~21 22 27 28~~ 22 23 26 27 from which corner, I run
	S 89° 50' W. on a true line between sections 22 & 27
	Variation 15° 00' East.
39.84	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.
79.68	The corner to Secs. 21-22-27 & 28
	Soil 3rd rate. Land Mountainous
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 21 and 22. Variation 15° East.
	Descend.
1.75	Cross Gulch, 20 lks. wide, Course N. 40 E and ascend.
10.50	Top of Spur, bears N E & S. W. and descend.
17.43	Cross Gulch, 20 lks. wide, Course N. 85 E and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
43.00	Top of Spur, bears N. 80° E & S 80° W and descend.
47.80	Cross Gulch, 50 lks. wide, Course S. 85 E and ascend.
58.00	Top of Spur, bears E and W. and descend.
64.17	Cross Gulch, 20 lks. wide, Course E and ascend.
73.00	Top of Spur, bears E & W. and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 15-16-21-22 marked T. 32 N S. 15 on N. E., R. 47 W, S. 22 on S. E., S. 21 on S. W and S. 16 on N. W. face, 15 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 around post.

Land mountainous

Soil 3rd rate

Timber of Pine

Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 15 and 22. Variation 15° East.
	Descend.
16.94	Cross Gulch, 125 lks. wide, Course N, and ascend.
27.00	Top of Hill bears N. & S. and descend.
40.00	Set temporary ¼ sec. cor.
79.91	Intersect N. & S. line, 55 lks. S. of cor. to secs. 14-15-22-23 from which corner, I run S 89° 36′ W. on a true line between sections 15 & 22 Variation 15° 00 East.
39.96	Set a Sand stone 14 x 12 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
79.91	The corner to sections 15-16-21 & 22

Land hilly

Soil 3rd rate

Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 15 and 16. Variation 15° East.
	Descend.
2.56	Cross Gulch, 10 lks. wide, Course E and ascend.
17.00	Top of Spur, bears E, and W, and descend.
34.15	Cross Gulch, 25 lks. wide, Course E and ascend.
39.00	Top of Spur, bears E, and W, and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post. from which A Yellow Pine 20 ins. diam. bears N 51¾ E 116 lks. dist. marked ¼ S. B. T.
51.27	Cross Gulch, 20 lks. wide, Course E and ascend.
61.75	Top of Spur, bears E and W, and descend.
75.82¼	Cross Gulch, 75 lks. wide, Course S 75° E and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 9-10-15-16 marked T. 32 N S. 10, on N. E., R. 47 W, S. 15 on S. E., S. 16 on S. W. and S. 9 on N. W. face, 15 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 around post. from which A Yellow Pine 7 ins. diam. bears S 51½ W, 126 lks. dist. marked T. 32 N R. 47 W, S., 76 B. T. A Yellow Pine 12 ins. diam. bears N. 19¾ E 74 lks. dist. marked T. 32 N R. 47 W, S., 10 B. T.

Land mountainous
Soil 3rd rate.
Timber of Pine
Vegetation Brush & grass

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 10 and 15. Variation 15° 00' East.
	Ascend.
0.00	Top of Spur, bears S. 20 E & N. 80 W and descend.
29.50	Cross Gulch, 125 lks. wide, Course N, and ascend.
35.50	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ sec. [illegible]
46.60	Cross Gulch, 25 lks. wide, Course N, and ascend.
72.00	Top of Spur, bears N. 10° W & S 10 E and descend.
80.19	Intersect N. & S. line, 22 lks. S of cor. to secs. 10-11-14-15 from which corner, I run S 89°. 57' W. on a true line between sections 10 & 15 Variation 15° 75' East.
40.40	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. from which A Yellow Pine 4 ins. diam. bears N 16¼ E 8 lks. dist. marked ¼ S. B. T.
80.19	The corner to sections 9-10-15 & 16

Land mountainous
Soil 3rd, rate.
Timber of Pine
Vegetation Brush & grass

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. Aug. 9th 1882

Township 32 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 9 and 10. Variation 15° East.
	Ascend.
17.90	Top of Spur, bears N E & S. W. and descend.
24.71	Cross Gulch, 30 lks. wide, Course N. 40 E and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam.
	12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
	A Yellow Pine 12 ins. diam. bears N 31½ E 73 lks. dist. from which marked ¼ S. B. T.
43.00	Top of Spur, bears N E & S. W. and descend.
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. 32N S. 3 on N. E., R. 47W, S. 10 on S. E., S. 9 on S. W. and S. 4 on N. W. face, 25 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.
	A Yellow Pine 7 ins. diam. bears N 61½ E 113 lks. dist. from which marked T. 32N R. 47W, S., 3 B. T.
	A Yellow Pine 14 ins. diam. bears N 27 W 35 lks. dist. marked T. 32N R. 47W, S., 4 B. T.
	A Yellow Pine 10 ins. diam. bears S 79 E 43 lks. dist. marked T. 32N R. 47W, S., 10 B. T.
	A Yellow Pine 8 ins. diam. bears S 73¼ W 92 lks. dist. marked T. 32N R. 47W, S., 9 B. T.
	Land mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East on a random line between Sections 3 and 10. Variation 15° East.
	Descend.
13.41	Cross Gulch, 20 lks. wide, Course N.
40.00	Set temporary ¼ sec. cor.
39.16	Boreum Cross Creek, 40 lks. wide, Course N. E and ascend.
59.80	Cross Road, bears, N. W and S. E.
80.11	Intersect N. & S. line, 31 lks. S of cor. to secs. 2-3-10 & 11 from which corner, I run S 89° 47' W. on a true line between sections 3 & 10
	Variation 15° 25' East.
40.06	Set a post 3 ft. long, 3 ins. diam.
	12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
	A Cottonwood 5 ins. diam. bears N 71¼ E 39 lks. dist. from which marked ¼ S. B. T.
	A Cottonwood 3 ins. diam. bears S 39° W 43 lks. dist. marked ¼ S. B. T.
80.11	The corner to sections 3-4-9-10
	Land Rolling.
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 3 and 4. Variation 15° East.
	Descend.
27.41	Cross Creek, 20 lks. wide, Course N.W. and ascend.
40.00	Set a Sand stone 8 x 8 x 3 ins., 2 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 Road, bears, N.W. and S.E
68.00	Top of Spur, bears N.W & S.E and descend.
73.70	Intersect the 8th Standard Parallel North at a point 3.41 chs. East. of the Standard Cor. to Secs. 34 and 35. T. 33 N. R. 47 W. at which point I.
	Set a Sand stone 14 x 14 x 8 ins. 9 ins. in the ground for Closing Cor. to Secs. 3 and 4 marked C. C. with 3 notch 25 on E. and 3 notch 25 on W. edges, dug pits 18 x 18 x 12 ins. S. E., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base.
	Land mountainous.
	Soil 3rd rate
	Vegetation Bunchgrass
	Timber of Pine and Cottonwood
	Nov. 9th 1882.
	D. F. Hickey.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 32 and 33. Variation 15° East.
	Descend.
1.70	Cross Wash, 70 lks. wide, Course N60W and ascend.
15.00	Top of Spur, bears N.W & S.E. and descend.
32.20	Cross Gulch, 25 lks. wide, Course W. and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
47.00	Top of Ridge, bears E and W. and descend.
55.14	Cross Gulch, 20 lks. wide, Course S.70W and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 28-29-32-33 marked T. 32 N S. 28, on N. E., R. 47 W, S. 33 on S. E. S. 32 on S. W and S. 29 on N. W. face, 25 with 1 notch on S. and 4 notch 25 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 mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass,

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 28 and 33. Variation 15° East.
	Ascend.
12.00	Top of Spur, bears N. and S. and descend.
38.78	Cross Wash, 20 lks. wide, Course N W W and ascend.
40.00	Set temporary ¼ sec. cor.
48.00	Top of Spur, bears N. and S. and descend.
61.30	Cross Wash, 20 lks. wide, Course N 10 E and ascend.
79.85	Intersect N. & S. line, 45 lks. S of cor. to secs. 27-28-33 & 34 from which corner, I run S 89° 40' W. on a true line between sections 28 & 33
	Variation 15° 08' East.
39.93	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
79.85	The corner to sections 28-29-32 & 33
	Land mountainous.
	Soil 3rd. rate
	Vegetation Bunchgrass
	Timber of Pine.

Township 32 North Range 47 West
6th Principal Meridian

Chains	North, between Sections 28 and 29. Variation 15° 00 East.
	Ascend.
14.00	Top of Spur, bears E. and W. and descend.
26.23	Cross Wash, 30 lks. wide, Course W. and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
56.00	Top of Ridge, bears E & W. and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 20-21-28-29 marked T. 32 N S. 21 on N. E., R 47 W, S. 28 on S. E., S. 29 on S. W. and S. 20 on N. W. face, 28 with 2 notch 28 on S. and 4 notch 28 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 mountainous
	Soil 3rd. rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 21 and 28. Variation 15° East.
	Ascend.
15.00	Top of Spur, bears N.W. and S.E and descend.
26.06	Cross Gulch, 20 lks. wide, Course N.30W and ascend.
40.00	Set temporary ¼ sec. cor.
47.00	Top of Spur, bears N. and S. and descend.
78.10	Cross Gulch, 20 lks. wide, Course N 45 E and ascend.
79.94	Intersect N. & S. line, 60 lks. S of cor. to secs. 21-22-27-28 from which corner, I run S.89°, 34' W. on a true line between sections 21 & 28 Variation 15° 00 East.
39.97	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
79.94	The corner to sections 20-21-27 & 28
	Land mountainous.
	Soil 3rd rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian

Chains	North, between Sections 20 and 21. Variation 15° East.
	Ascend.
11.00	Top of Ridge, bears E & W. and descend.
25.80	Cross Wash, 20 lks. wide, Course W. and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
41.25	Top of Spur, bears N.W. and S.E. and descend.
57.50	Cross Wash, 25 lks. wide, Course N 30 E and ascend.
73.00	Top of Spur, bears E & W. and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 16-17-20-21 marked T. 32 N S.16 on N. E., R 47 W, S. 21 on S. E., S. 20 on S. W. and S. 17 on N. W. face, cs 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 around post.
	A Pine 18 ins. diam. bears N 30 E from which 80 lks. dist. marked T. 32 N R. 47 W., S., 16 B. T.
	A Pine 12 ins. diam. bears S 47 E 110 lks. dist. marked T. 32 N R. 47 W., S., 21 B. T.
	A Pine 8 ins. diam. bears N 60 W 35 lks. dist. marked T. 32 N R. 47 W., S., 20 B. T.
	A Pine 4 ins. diam. bears S 46 W. 289 lks. dist. marked T. 32 N R. 47 W., S., 17 B. T.
	Land mountainous. Timber of Pine
	Soil 3rd rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 16 and 21. Variation 15° East.
	Descend.
4.30	Cross Wash, 165 lks. wide, Course N50W and ascend.
17.80	Top of Spur, bears N.W. & S.E. and descend.
40.00	Set temporary ¼ sec. cor.
48.86	Cross Wash, 20 lks. wide, Course S65E and ascend.
70.40	Top of Spur, bears S70E & N70W and descend.
79.70	Intersect N. & S. line, 31 lks. S of cor. to secs. 15-16-21-22 from which corner, I run S89°, 47' W. on a true line between sections 16 & 21 Variation 15° 05' East.
39.85	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.
79.70	The corner to sections 16-17-20 & 21
	Land mountainous.
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 16 and 17. Variation 15° East.
	Ascend.
3.00	Top of Spur, bears S.W. & N.E. and descend.
7.00	Cross Wash, 40 lks. wide, Course N.25 E
19.75	Cross Wash, 65 lks. wide, Course N25W and ascend. Spur bears E & W.
38.00 40.00	Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face; from which A Pine 20 ins. diam. bears S65E 47 lks. dist. marked ¼ S. B. T. A Pine 12 ins. diam. bears N40W 110 lks. dist. marked ¼ S. B. T.
44.00	Cross Wash, 30 lks. wide, Course W.
57.00	Top of Spur, bears E. and W. and descend.
65.19	Cross Wash, 25 lks. wide, Course N70W and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 8-9-16-17 marked T. 32N S. 9, on N. E., R47W, S. 16 on S. E., S. 17 on S. W. and S. 8 on N. W. face, cs with 4 notch es on S. and 4 notch es on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.
	Land mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	East, on a random line between Sections 9 and 16. Variation 15° East.
	Descend.
14.30	Cross Wash, 65 lks. wide, Course N30W and ascend.
17.80	Top of Spur, bears NW & S.E. and descend.
23.00	Cross Wash, 120 lks. wide, Course N20W and ascend.
40.00	Set temporary ¼ sec. cor.
64.00	Top of Spur, bears N. and S. and descend.
71.08	Cross Wash, 10 lks. wide, Course S30E and ascend.
79.77	Intersect N. & S. line, 42 lks. S of cor. to secs. 9-10-15 & 16 from which corner, I run S89° 42' W. on a true line between sections 9 & 16
	Variation 15° 00' East.
39.89	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.
79.77	The corner to sections 8-9-16 & 17
	Land mountainous 3rd
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass,

Township 32 North Range 47 West
6th Principal Meridian.

Chains	North, between Sections 8 and 9. Variation 15° East.
	Ascend.
13.00	Top of Spur, bears E. and W. and descend.
23.50	Cross Wash, 45 lks. wide, Course N10W and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
47.00	Top of Spur, bears N.W. & S.E. and descend.
55.70	Cross Wash, 32 lks. wide, Course W and ascend.
70.00	Top of Spur, bears E and W, and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 4-5-8-9 marked T. 32N S. 4, on N. E., R. 47W, S. 9 on S. E. S. 8 on S. W and S. 5 on N. W. face, cs with 5 notch cs on S. and 4 notch cs 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 mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass,
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 4 and 9. Variation 15° East.
	Ascend.
7.30	Top of Spur, bears N. and S. and descend.
16.40	Cross Gulch, 30 lks. wide, Course N. and ascend.
28.00	Top of Spur, bears N.W. & S.E. and descend.
40.00	Set temporary ¼ sec. cor.
58.13	Cross Wash, 15 lks. wide, Course N and ascend.
79.88	Intersect N. & S. line, 56 lks. S of cor. to secs. 3-4-9-10 from which corner, I run S 89° 36' W. on a true line between sections 4 & 9
	Variation 15° 00' East.
39.94	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.
79.88	The corner to sections 4 - 5 - 8-9
	Land mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 4 and 5. Variation 15° East.
	Descend.
3.40	Cross Wash, 28 lks. wide, Course N20W and ascend.
15.60	Top of Spur, bears E. and W. and descend.
29.70	Cross Wash, 20 lks. wide, Course W. and ascend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
	A Pine 20 ins. diam. bears S 35° E 60 lks. dist. from which marked ¼ S. B. T.
	A Pine 12 ins. diam. bears N 20° W 105 lks. dist. marked ¼ S. B. T.
52.00	Top of Spur, bears E & W and descend.
70.00	Cross Gulch, 30 lks. wide, Course N60 E and ascend.
74.62	Intersect the 8th Standard Parallel North at a point 3.94 chs. East. of the Standard Cor. to Secs. 33 and 34, T. 33 N. R. 47 W. at which point I. Set a sand stone 18 x 14 x 10 ins. 12 ins. in the ground for Closing Cor. to Secs. 4 and 5 marked C. C. with 4 notches 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. Henry J. Manning Nov 2nd 1882 Compassman.
	Land mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 31 and 32. Variation 15° East.
	Ascend.
13.00	Top of Spur, bears E & W and descend.
24.00	Cross Wash, 20 lks. wide, Course W and ascend.
34.60	Top of Spur, bears E & W, and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
57.00	Cross Wash, 35 lks. wide, Course N 25 W and ascend.
60.00	Top of Spur, bears E & W and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 29-30-31 & 32 marked T. 32 N S. 29, on N. E., R. 47 W, S. 32 on S. E., S. 31 on S. W. and S. 30 on N. W. face, 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 around post.

Land mountainous

Soil 3rd rate.

Timber of Pine

Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 29 and 32. Variation 15° East.
	Descend.
9.60	Cross Wash, 20 lks. wide, Course N 20 W and ascend.
27.00	Top of Spur, bears N. and S. and descend.
40.00	Set temporary ¼ sec. cor.
47.81	Cross Wash, 20 lks. wide, Course N 15 W and ascend.
80.16	Intersect N. & S. line, 34 lks. S of cor. to secs. 28-29-32 & 33 from which corner, I run S 89° 45' W. on a true line between sections 29 & 32 Variation 15° 00 East.
40.08	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
80.16	The corner to sections 29-30-31 & 32

Land Rolling.

Soil 3rd rate

Vegetation Bunchgrass

Timber of Pine.

W. F. Hickey

Nov. 10th 1882

Township 32 North Range 47 West

6th Principal Meridian.

Chains	West, on a random line between Sections 30 and 31. Variation 15 East.
	Ascend.
9.70	Top of Spur, bears NW & S.E. and descend.
18.30	Cross Wash, 25 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.
52.91	Cross Wash, 60 lks. wide, Course N18W and ascend.
65.50	Top of Spur, bears N.25W & S25E and descend.
78.49	Intersect W. B. of Tp. 40 lks. N. of cor. to secs. 30-31-25-36 from which corner, I run N89°43'E on a true line, between sections 30 & 31
	Variation 15 East.
38.49	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.
78.49	The corner to sections 29-30-31 & 32
	Land mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.
	Nov. 10th 1882
	Henry J. Manning
	Compass man.

Township 32 North Range 47 West

6th Principal Meridian

Chains	North, between Sections 29 and 30. Variation 15° East.
	Descend.
17.00	Cross Gulch, 130 lks. wide, Course N28W and ascend.
23.00	Top of Spur, bears E and W and descend.
36.00	Cross Gulch, 30 lks. wide, Course W and ascend.
39.20	Top of Spur, bears E & W and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
	A Pine 18 ins. diam. bears S10 E 85 lks. dist. marked ¼ S. B. T.
	A Pine 8 ins. diam. bears N. 20W 100 lks. dist. marked ¼ S. B. T.
47.00	Cross Gulch, 25 lks. wide, Course W and ascend.
56.00	Top of Spur, bears E & W and descend.
67.00	Cross Gulch, 27 lks. wide, Course N30W and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 19-20-29-30 marked T. 32N S. 20, on N. E., R. 47W, S. 29 on S. E., S. 30 on S. W. and S. 19 on N. W. face, and with 2 notch ts on S. and 5 notch rs 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 mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 20 and 29. Variation 15° East.
	Ascend.
1.60	Top of Spur, bears N & S and descend.
11.50	Cross Wash, 40 lks. wide, Course N45W and ascend.
15.00	Top of Spur, bears NW & SE and descend.
23.00	Cross Gulch, 20 lks. wide, Course N40W and ascend.
37.00	Top of Spur, bears N & S. and descend.
40.00	Set temporary ¼ sec. cor.
50.86	Cross Wash, 15 lks. wide, Course N and ascend.
68.50	Top of Spur, bears N & S and descend.
79.90	Intersect N. & S. line, 48 lks. S of cor. to secs. 20-21-28-29 from which corner, I run S89° 39' W. on a true line between sections 20 & 29
	Variation 15° 00' East.
39.95	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.
	A Pine 8 ins. diam. bears N60°E 16 lks. dist. from which marked ¼ S. B. T.
	A Pine 20 ins. diam. bears S40°W 70 lks. dist. marked ¼ S. B. T.
79.90	The corner to sections 19-20-29 & 30
	Land mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass. Nov. 10th 1882
	W. L. Hickey.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	West, on a random line between Sections 19 and 30. Variation 15° East.
	Ascend.
7.00	Top of Spur, bears N. & S. and descend.
21.60	Cross Wash, 15 lks. wide, Course N20W and ascend.
32.00	Top of Spur, bears N.W. & S.E. and descend.
40.00	Set temporary ¼ sec. cor.
46.54	Cross Wash, 30 lks. wide, Course N35W and ascend.
61.00	Top of Spur, bears N.W. & S.E. and descend.
78.12	Intersect W. B. of Tp. 36 lks. N. of cor. to secs. 19-30-24-25 from which corner, I run N89°45 E on a true line, between sections 19 & 30
	Variation ~~15°~~ 15° 00' East.
38.12	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.
78.12	The corner to sections 19-20-29 & 30
	Land mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. Nov 10th 1882
	Henry J. McCumnig Compassman.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 19 and 20. Variation 15° East.
	Descend.
20.14	Cross Gulch, 40 lks. wide, Course N45W and ascend.
23.41	Top of Spur, bears E. & W. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
	from which
	A Pine 24 ins. diam. bears N. 35 E. 65 lks. dist. marked ¼ S. B. T.
	A Pine 16 ins. diam. bears S. 20 W. 18 lks. dist. marked ¼ S. B. T.
50.14	Cross Gulch, 20 lks. wide, Course N40W and ascend.
69.00	Top of Ridge, bears E. & W. and descend.
74.41	Cross Gulch, 20 lks. wide, Course N20W and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 17-18-19-20 marked T. 32N S. 17 on N. E., R. 47W, S. 20 on S. E., S. 29 on S. W. and S. 18 on N. W. face, cs 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 around post.
	from which
	A Pine 16 ins. diam. bears N45W 65 lks. dist. marked T. 32N R. 47W, S., 18 B. T.
	A Pine 10 ins. diam. bears S 10 W 78 lks. dist. marked T. 32N R. 47W S., 19 B. T.
	A Pine 10 ins. diam. bears S 20 E 64 lks. dist. marked T. 32N R. 47W, S., 20 B. T.
	Land mountainous. Timber of Pine.
	Soil 3rd rate
	Vegetation Bunchgrass

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 17 and 20. Variation 15° East.
	Ascend.
10.00	Top of Spur, bears N. & S. and descend.
18.00	Cross Wash, 20 lks. wide, Course S. and ascend.
20.00	Top of Spur, bears N. & S. and descend.
26.40	Cross Wash, 16 lks. wide, Course S. and ascend.
40.00	Set temporary ¼ sec. cor.
49.00	Top of Spur, bears NW & S.E. and descend.
54.20	Cross Wash, 12 lks. wide, Course N25E and ascend.
65.50	Top of Spur, bears N 10° E & S 10° W and descend.
80.05	Intersect N. & S. line, 53 lks. S. of cor. to secs. 16-17-20-21 from which corner, I run S 89° 37' W. on a true line between sections 17 & 20 Variation 15° 00 East.
40.05	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
80.05	The corner to sections 17-18-19 & 20
	Land mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass. Nov. 10th 1882 S. L. Hickey.

Township 32 North Range 47 West 6th Principal Meridian.

Chains	West, on a random line between Sections 18 and 19. Variation 15° East.
	Descend.
8.50	Cross Wash, 20 lks. wide, Course N45W and ascend.
27.30	Top of Spur, bears N. & S. and descend.
34.80	Cross Wash, 30 lks. wide, Course N. and ascend.
40.00	Set temporary ¼ sec. cor.
42.00	Top of Spur, bears N.W. & S.E. and descend.
56.08	Cross Wash, 30 lks. wide, Course N40W and ascend.
68.90	Top of Spur, bears N.W. & S.E. and descend.
78.63	Intersect W B. of Tp. 67 lks. N of cor. to secs. 18-19-13-24 from which corner, I run N89°31'E on a true line, between sections 18 & 19 Variation 15° East.
38.63	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.
78.63	The corner to sections 17-18-19 & 20 Land mountainous Soil 3rd rate. Timber of Pine Vegetation Bunchgrass. Nov. 10th 1882 Henry J. Manning Compassman.

Township 32 North Range 47 West 6th Principal Meridian.

Chains	North, between Sections 17 and 18. Variation 15° East.
	Descend.
6.00	Cross Wash, 35 lks. wide, Course W. and ascend.
13.00	Top of Spur, bears N.E. & S.W. and descend.
17.09	Cross Wash, 20 lks. wide, Course S35W and ascend.
36.00	Top of Spur, bears E & W. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
56.10	Cross Wash, 20 lks. wide, Course W. and ascend.
60.00	Top of Spur, bears E & W. and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 7-8-17-18 marked T. 32N S. 8, on N. E., R. 47W, S. 17 on S. E. S. 18 on S. W. and S. 7 on N. W. face, cs with 4 notch cs on S. and 5 notch cs 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 mountainous Soil 3rd rate. Timber of Pine Vegetation Bunchgrass.

Township 32 North Range 47 West
6th Principal Meridian

Chains	East, on a random line between Sections 8 and 17. Variation 15° East.
	Descend.
12.08	Cross Wash, 15 lks. wide, Course N. and ascend.
22.30	Top of Spur, bears NW & S.E. and descend.
35.00	Cross Gulch, 27 lks. wide, Course N 30 W and ascend.
40.00	Set temporary ¼ sec. cor.
41.75	Top of Spur, bears N.W. & S.E. and descend.
54.86	Cross Wash, 2 lks. wide, Course N15W and ascend.
68.00	Top of Spur, bears N & S. and descend.
80.30	Intersect N. & S. line, 28 lks. S of cor. to secs. 8-9-16-17 from which corner, I run S89° 48' W. on a true line between sections 17 & 8 Variation 15° 00 East.
40.15	Set a Sand stone 16 x 12 x 8 ins., ins. in the ground, for ¼ Sec. Cor., marked ¼ on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.
80.30	The corner to sections 7-8-17 & 18
	Land mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.
	Nov 10th 1882
	H. F. Hickey.

Township 32 North Range 47 West
6th Principal Meridian.

Chains	West, on a random line between Sections 7 and 18. Variation 15° East.
	Ascend.
8.00	Top of Spur, bears N. & S. and descend.
17.20	Cross low Sag and ascend. N 60° W
35.00	Top of Spur, bears N. & S. and descend.
40.00	Set temporary ¼ sec. cor.
63.48	Cross Wash, 50 lks. wide, Course N35W and ascend.
78.88	Intersect W. B. of Tp. 45 lks. N. of cor. to secs. 7-18-12-13 from which corner, I run N89° 41' E on a true line, between sections 7 & 18 Variation 15° 00' East.
38.88	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.
78.88	The corner to sections 7-8-17 & 18
	Land mountainous
	Soil 3rd rate.
	Timber of Pine
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, between Sections 7 and 8. Variation 15° East.
	Ascend.
11.30	Top of Spur, bears NE & SW, and descend.
20.10	Cross Wash, 26 lks. wide, Course N30W and ascend.
37.00	Top of Spur, bears NE & SW and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
48.40	Cross Gulch, 20 lks. wide, Course N30W and ascend.
65.00	Top of Spur, bears E & W and descend.
80.00	Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs. 5-6-7-8 marked T.32N S. 5 on N. E., R47W, S. 8 on S. E., S. 7 on S. W and S. 6 on N. W. face, with 5 notches on S. and 6 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous

Soil 3rd rate.

Timber of Pine

Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	East, on a random line between Sections 5 and 8. Variation 15° East.
	Descend.
1.20	Cross Wash, 35 lks. wide, Course N35W and ascend.
8.60	Top of Spur, bears N. & S. and descend.
17.00	Cross Gulch, 80 lks. wide, Course N. and ascend.
40.00	Set temporary ¼ sec. cor.
46.00	Top of Spur, bears N.20W & S20E and descend.
53.34	Cross Wash, 32 lks. wide, Course N30W and ascend.
68.50	Top of Spur, bears NW & SE and descend.
80.25	Intersect N. & S. line, 50 lks. S of cor. to secs. 4-5-8-9 from which corner, I run S89°, 39' W. on a true line between sections 5 & 8 Variation 15° 00 East.
40.13	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
80.25	The corner to sections 5-6-7-8

Land mountainous.

Soil 3rd rate

Vegetation Bunchgrass.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. Nov. 10th 1882

D. L. Hickey.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	West, on a random line between Sections 6 and 7. Variation 15° East.
	Ascend.
13.00	Top of Spur, bears N E & S.W. and descend.
27.00	Cross Gulch, 26 lks. wide, Course N. and ascend.
40.00	Set temporary ¼ sec. cor.
53.00	Top of Spur, bears N 20 W & S 20 E and descend.
69.80	Cross Gulch, 36 lks. wide, Course S 70 W and ascend.
78.72	Intersect W B. of Tp. 62 lks. N. of cor. to secs. 6 - 7 - 1 - 12 from which corner, I run N 89°. 33 E on a true line, between sections 6 & 7
	Variation 15° East.
38.72	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.
78.72	The corner to sections 5 - 6 - 7 & 8
	Land mountainous.
	Soil 3rd rate
	Vegetation Bunchgrass.

Township 32 North Range 47 West

6th Principal Meridian.

Chains	North, on a ~~random~~ true line between Sections 5 and 6. Variation 15° East.
	Ascend.
7.00	Top of Spur, bears E & W, and descend.
17.20	Cross Gulch, 18 lks. wide, Course N 20 W and ascend.
32.00	Top of Spur, bears E & W, and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.
44.70	Cross Gulch, 120 lks. wide, Course N. 60 W and ascend.
53.00	Top of Spur, bears E & W, and descend.
75.35	Intersect the 8th Standard Parallel North at a point 3.58 chs. East. of the Standard Cor. to Secs. 32 and 33. T. 33 N. R. 47 W. at which point I.
	Set a Sand stone 14 x 10 x 4 ins. 9 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 3rd rate
	Vegetation Bunchgrass. Nov 10th 1880
	Henry J. Manning. Compassman.

GENERAL DESCRIPTION.

The land in this Township is generally mountainous The soil is 2nd & 3rd rate

The township is well watered by several streams which furnish an abundant supply of water

There is much fine ~~some timber of~~ Pine and Cottonwood timber and the township is covered with a fine growth of bunch grass which renders it valuable for grazing aside from its advantages as a lumber region.

U. S. Surveyor General's Office.

Plattsmouth Neb. 1883

The foregoing Field Notes of the ~~surveys~~ Resurvey of

Exterior lines & Sixty getc Subdivision lines of Township No 32 North, of Range No 47 West of the Principal Base and Meridian

in Nebraska executed by

W. F. Hickey No 4

U. S. Deputy Surveyor, under his contract dated

Nov. 10. 1881, in the Month 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.

D V S Stephenson

U. S. Surveyor-General for

General Land Office • Original Field Notes

Book Number

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

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