General Land Office • Original Field Notes

Book Number

762

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.

Retracings of Exterior

Retracings
of
Exterior
Lines

Hickey

47
762

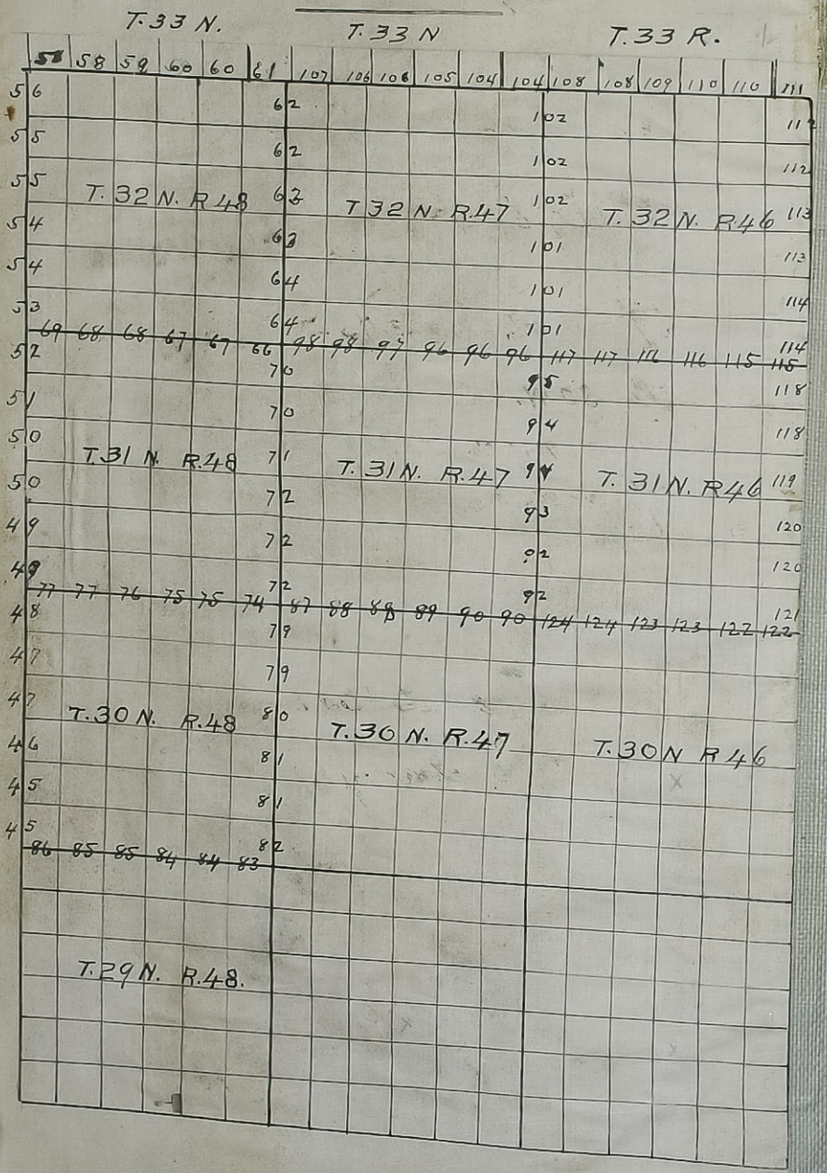
Executed By

D. F. Hickey Contract No. 4-

Chas. Buchanan Contract No. 3
(H. Robinson. Mil. Res)
(H. Robinson Wood Res.)

M. F. Reilly Contract No. 2

(No. 2) INDEX DIAGRAM.



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Field notes of Retracements of the Exterior lines of

Tp - 29 N. Rs. 43. 44. 45. 49. 50. 51.

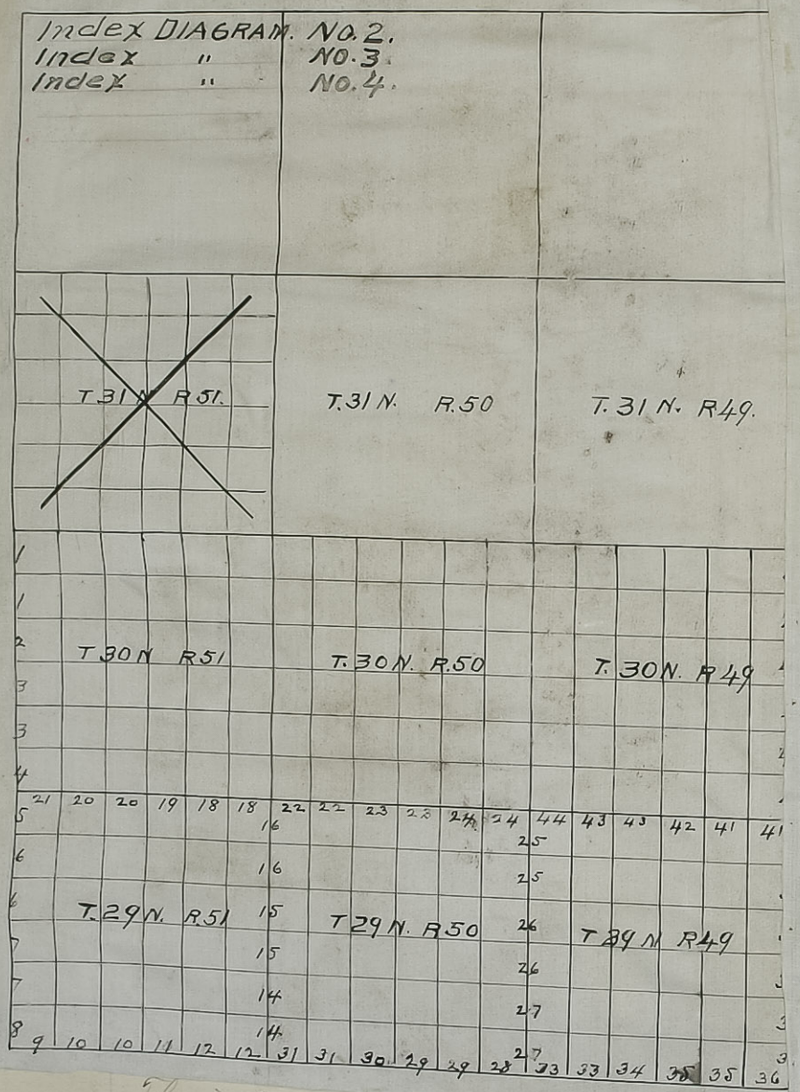
Tp - 30 N. Rs 42. 43. 44. 48. 51.

Tp - 31 N. Rs 46. 47. 48.

Tp. - 32 N. Rs. 46. 47 - 48.

Executed by
D. F. Hickey Deputy Surveyor
Under his Contract No. 4.
Dated Nov. 10th 1881

(No. 3) INDEX DIAGRAM. No.



The instrument used in making this survey was made by W. & L. E. Gurley of Troy N. Y. in 1879.

N. B. T. 30 N. R. 51 W. 6th P. M.

Chains. Retracing

From the Cor. to Tps. 30 & 31 N. Rs. 51 & 52 W.
which is a post in earth mound, I run
South on a random line between sections 1 & 6.
Variation 16° 10' East.

40.00 To a point 9 lks. East of ¼ sec. cor.
which is a post in earth mound
The return course is therefore N. 8° E.
From the ¼ Sec. Cor. I continue. South

80.00 To a point 4 lks. East of
The corner to sections 1 6 7 & 12,
which is a post in earth mound
The return course is therefore N. 4° W.

South on a random line between sections 7 & 12
Variation 15° 55' East.

40.05 To a point 10 lks. East of ¼ sec. cor.
which is A Pine 8 ins. diam. from which
A Pine 8 ins. diam. bears S. 4° W, 6 lks. dist.
marked ¼ S. B. T.
The return course is therefore N. 9 E.
From the ¼ Sec. Cor. I continue. South

W. B. T. 30 N. R. 51 W. 6th P. M.

Chains.	Retracing
80.00	To a point 10 lks. East of cor. to secs. 7, 12, 13 and 18, which is a post in earth mound
	from which
	A Pine 10 ins. diam. bears S. 55° W., 70 lks. dist. marked T. 30 N. R. 52 W, S., 13 B. T.
	A Pine 6 ins. diam. bears W. 20° E, 50 lks. dist. marked T. 30 N, R. 51 W, S., 7 B. T.
	The return course is therefore North
	South on a random line between sections 13 & 18 Variation 15° 55' East.
40.00	To ¼ Sec. Cor. Post and stone mound in good order
80.00	To Cor. to Secs. 13, 18, 19 & 24. Post and earth mound in good order
	from which
	A Pine 18 ins. diam. bears S. 45° E, 19 lks. dist. marked T. 30 N, R. 51 W, S., 19 B. T.
	A Pine 7 ins. diam. bears W. 40° E, 8 lks. dist. marked T. 30 N, R. 51 W, S., 18 B. T.

W. B. T. 30 N. R. 51 W. 6th P. M.

Chains.	Retracing
	A Pine 6 ins. diam. bears S. 51° W, 9 lks. dist. marked T. 30 N, R. 52 W, S., 24 B. T.
	South on a random line between sections 19 & 24. Variation 15° 50' East.
39.82	To a point 13 lks. East of ¼ sec. cor. which is a post in earth mound
	The return course is therefore W. 11' E.
	From the ¼ Sec. Cor. I continue. South
79.59	To a point 5 lks. East of cor. to secs. 19, 24, 25 and 30, which is a post in earth mound
	The return course is therefore W. 7 E
	South on a random line between sections 25 & 30. Variation 16° 15' East.
39.77	To a point 4 lks. West of ¼ sec. cor. which is a post in earth mound
	The return course is therefore W. 3' W.
	From the ¼ Sec. Cor. I continue. South

W. B. T. 30 N. R. 51 W. 6th P. M.

Chains.	Retracing
79.44	To a point 9 lks. West of cor. to secs. 25, 30, 31 and 36, which is a post in earth mound
	The return course is therefore N. 4' W.
	South on a random line between sections 31 & 36
	Variation 16° 15' East.
40.20	To ¼ Sec. Cor. Stone and earth mound in good order
80.55	The Cor. to Tps. 29 & 30 N. Rs. 51 & 52 W. which is A Pine 13 ins. diam. marked, with Ground & pits. March 27th 1882.

W. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	Before proceeding ~~further~~ with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	I took the latitude and found it to be 42° 31' N.
	South on a random line between sections 1 & 6.
	Variation 15° 00' East.
39.75	To a point 8 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 7' E.
	From the ¼ Sec. Cor. I continue. South
79.68	To a point 6 lks. East of cor. to secs. 1, 6, 7 and 12, which is a mound and pits with post in S. E. pit.
	The return course is therefore ~~N. 2 W.~~ N5' E

W. B. T. 29 N. R. 5 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 7 & 12. Variation 16° 10' East.
39.93	To a point 5 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 4' E.
	From the ¼ Sec. Cor. I continue. South,
80.00	To a point 5 lks. East of cor. to secs. 7, 12, 13 and 18. which is a mound and pits with post in S. E. pit.
	The return course is therefore North.
	South on a random line between sections 13 & 18. Variation 16° 15' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.29	To Cor. to Secs. 13, 18, 19 & 24. Post and earth mound in good order

W. B. T. 29 N. R. 5 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 17 & 24. Variation 16° 00' East.
40.12	To ¼ Sec. Cor. Post and earth mound in good order
80.35	To a point 7 lks. East of cor. to secs. 19, 24, 25 and 30, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 6' E.
	South on a random line between sections 25 & 30. Variation 16° 00' East.
40.29	To a point 16 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 14' E.
	From the ¼ Sec. Cor. I continue. South
80.42	To a point 12 lks. East of cor. to secs. 25, 30, 31 and 36, which is a mound and pits, with post in S. E. pit.

W. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 3' W.
	South on a random line between sections 31 & 36. Variation 15° 15' East.
39.69	To a point 4 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 2' E.
	From the ¼ Sec. Cor. I continue. South
79.51	The Standard Cor. to Tps. 29 N. Rs. 51 & 52 W. which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 3' W.
	March 28th 1882.

7th Standard Parallel along,

S. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	I took the latitude and found it to be 42° 26' North.
	East. on a random line on S. B. of Section 31. Va. 15° 00' East.
40.29	To a point 10 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore S. 89° 51' W.
	From the ¼ Sec. Cor. I continue. East.
80.25	To a point 35 lks. South of cor. to secs. 31 and 32, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 39' W.

7th Standard Parallel along.

S. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	East. on a random line on S. B. of Section 32
	Va. 15°20' East.
39.75	To a point 12 lks. North of ¼ sec. cor.
	which is a mound and pits
	with post in U. pit.
	The return course is therefore U. 89°50' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To a point 30 lks. South of cor. to
	secs. 32 and 33,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore ~~N.~~ S. 89°24' W.
	East. on a random line on S. B. of Section 33.
	Va. 15°25' East.
39.81	To a point 8 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in N. pit.
	The return course is therefore S. 89°58' W.
	From the ¼ Sec. Cor. I continue. East.

7th Standard Parallel along.

S. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
80.00	To a point 21 lks. South of cor. to
	secs. 33 and 34,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 89°49' W.
	East. on a random line on S. B. of Section 34.
	Va. 15°25' East.
40.00	To a point 15 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in N. pit.
	The return course is therefore S. 87°47' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To a point 25 lks. South of cor. to
	secs. 34 and 35
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 87°51' W.

7th Standard Parallel along.

S. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	East. on a random line on S. B. of Section 35
	Va. 15° 20' East.
40.00	To a point 10 lks. North of ¼ sec. cor.
	which is a mound and pits
	with post in N. pit.
	The return course is therefore N. 89° 51' W.
	From the ¼ Sec. Cor. I continue. East.
79.85	To a point 34 lks. South of cor. to
	secs. 35 and 36,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 89° 22' W.
	East. on a random line on S. B. of Section 36.
	Va. 15° 15' East.
40.07	To a point 12 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in N. pit.
	The return course is therefore S. 89° 50' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To a point 30 lks. South of

7th Standard Parallel along.

S. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	Standard The Cor. to Tps. 29 N. Rs. 50 & 51 W.,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 89° 45' W.
	March 29th 1882.

E. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 31 & 36. Variation 15° 09' East.
39.89	To a point 9 lks. East of ¼ sec. cor. which is a Limestone with earth mound and pits.
	The return course is therefore S. 8' E.
	(From the ¼ Sec. Cor. I continue. North)
79.76	To a point 19 lks. East of cor. to secs. 25, 30, 31 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 9' E.
	North on a random line between sections 25 & 30 Variation 14° 58' East.
40.09	To ¼ Sec. Cor. Post and earth mound in good order
80.29	To a point 14 lks. East of cor. to secs. 19, 24, 25 and 30, which is a mound and pits with post in S. E. pit.

E. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 12' E.
	North on a random line between sections 19 & 24. Variation 14° 50' East.
39.85	To a point 8 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 8' W.
	From the ¼ Sec. Cor. I continue. North
80.00	To a point 9 lks. West of cor. to secs. 13, 18, 19 and 24, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 5' W.
	North on a random line between sections 13 & 18. Variation 14° 45' East.
39.77	To ¼ Sec. Cor. Post and earth mound in good order
79.70	To Cor. to Secs. 7, 12, 13 & 18 Post and earth mound in good order

E. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 7 & 12. Variation 14° 45' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To a point 14 lks. East of cor. to secs. 1, 6, 7 and 12. which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 12' E.
	North on a random line between sections 1 & 6. Variation 14° 45' East.
40.00	To a point 5 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 4' E.
	From the ¼ Sec. Cor. I continue. North
80.00	To a point 5 lks. East of
	The Cor. to Tps. 29 & 30 N. Rs. 50 & 51 W. which is a sandstone with mound and pits with post in S. E. pit.

E. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	The return course is therefore South.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	March 30th 1882.

M. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5' *minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.*
	West. *on a random line between sections* 1 & 36.
	Variation 15° 00' ***East.***
40.00	*To* ¼ *Sec. Cor. Post and* earth *mound in good order*
79.79	*To a point* 12 *lks.* South *of cor. to secs.* 1, 2, 35 *and* 36 *with is a mound and pits, with post in S. E. pit.*
	The return course is therefore S. 89° 55' E.
	West. *on a random line between sections* 2 & 35.
	Variation 15° 15' ***East.***
40.00	*To a point* 5 *lks.* North *of* ¼ *sec. cor. which is a mound and pits with post in* N. ***pit.***
	The return course is therefore N. 89° 56' E.
	From the ¼ *Sec. Cor. I continue.* ***West.***

M. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
80.00	*To a point* 10 *lks.* South *of cor. to secs.* 2, 3, 34 *and* 35, *which is a mound and pits with post in* S. E. ***pit.***
	The return course is therefore S. 89° 47' E.
	West. *on a random line between sections* 3 & 34.
	Variation 15° 00' ***East.***
39.79	*To a point* 10 *lks.* South *of* ¼ *sec. cor. which is a mound and pits with post in* N. ***pit.***
	The return course is therefore S. 89° 51' E.
	From the ¼ *Sec. Cor. I continue.* ***West.***
80.00	*To a point* 5 *lks.* North *of cor. to secs.* 3, 4, 33 *and* 34, *which is a mound and pits with post in* S. E. ***pit.***
	The return course is therefore N. 89° 47' E.

M. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 4 & 33. Variation 15° 00' East
40.05	To ¼ Sec. Cor. Post and earth mound in good order
80.20	To Cor. to Secs. 4, 5, 32 & 33. Post and earth mound in good order
	West. on a random line between sections 5 & 32. Variation 15° 10' East.
40.12	To a point 9 lks. South of ¼ sec. cor. which is a mound and pits with post in Y. pit.
	The return course is therefore S. 89° 52' E.
	From the ¼ Sec. Cor. I continue. West.
80.33	To a point 13 lks. South of cor. to secs. 5, 6, 31 and 32, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 57' E.

M. B. T. 29 N. R. 51 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 6 & 31. Variation 15° 00' East.
40.62	To a point 10 lks. South of ¼ sec. cor. which is a mound and pits with post in Y. pit.
	The return course is therefore S. 89° 51' E.
	From the ¼ Sec. Cor. I continue. West.
81.00	To a point 15 lks. South of The Cor. to Tps. 29 & 30 N. Rs. 51 & 52 W,
	The return course is therefore S. 89° 56' E.
	March 31st 1882.

M. B. T. 29 N. R. 50 W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 29 & 30 N. Rs. 50 & 51 W, I run,
	East. on a random line between sections 6 & 31 Variation 15° 00' East.
39.52	To a point 10 lks. South of ¼ sec. cor. which is a mound and pits with post in U. pit.
	The return course is therefore S. 89° 51' W,
	From the ¼ Sec. Cor. I continue. East.
79.49	To a point 10 lks. South of cor. to secs. 5, 6, 31 and 32 which is a mound and pits with post in N. W pit.
	The return course is therefore West.
	East. on a random line between sections 5 & 32. Variation 15° 30' East.
40.15	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To Cor. to Secs. 4, 5, 32 & 33. Post and earth mound in good order

M. B. T. 29 N. R. 50 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 4 & 33. Variation 15° 40' East.
40.06	To a point 15 lks. North of ¼ sec. cor. which is a mound and pits with post in U. pit.
	The return course is therefore N. 89° 47' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To Cor. to Secs. 3, 4, 33 & 34. Post and earth mound in good order
	The return course is therefore S. 89° 47' W.
	East. on a random line between sections 3 & 34. Variation 15° 40' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.15	To a point 5 lks. South of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 56' W.

N. B. T. 29 N. R. 50 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 2 & 35. Variation 15° 15' East.
40.18	To a point 13 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 49' W.
	From the ¼ Sec. Cor. I continue. East.
80.22	To a point 13 lks. North of cor. to secs. 1, 2, 35 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore West.
	East. on a random line between sections 1 & 36. Variation 15° 35' East.
40.06	To ¼ Sec. Cor. Post and earth mound in good order
80.00	The Cor. to Tps. 29 & 30 N. Rs. 49 & 50 W. which is a mound and pits with post in S. E. pit.

I carefully examined my Solar Compass today, and found it correct. April 1st 1882.

E. B. T. 29 N. R. 50 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 1 & 6 Variation 15° 30' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.16	To a point 13 lks. East of cor. to secs. 1, 6, 7 and 12, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 11' E.
	South on a random line between sections 7 & 12. Variation 14° 40' East.
40.10	To a point 4 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 3' W.
	(From the ¼ Sec. Cor. I continue. South)
80.12	To Cor. to Secs. 7, 12, 13 & 18 Post and earth mound in good order

The return Course is therefore N. 3' East

E. 18. T. 29 N. R. 50 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 13 & 18. Variation 14° 40' East.
40.17	To a point 8 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 7' E.
	(From the ¼ Sec. Cor. I continue. South)
80.00	To a point 8 lks. East of cor. to secs. 13, 18, 19 and 24, which is a mound and pits with post in S.E. pit.
	The return course is therefore North.
	South on a random line between sections 19 & 24. Variation 14° 40' East.
40.00	To a point 7 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 6' W.
	(From the ¼ Sec. Cor. I continue. South)

E. 18. T. 29 N. R. 50 W. 6th P. M.

Chains.	Retracing
80.10	To a point 18 lks. West of cor. to secs. 19, 24, 25 and 30, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 9' W.
	South on a random line between sections 25 & 30 Variation 14° 40' East.
40.10	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To Cor. to Secs. 25, 30, 31 & 36. Post and earth mound in good order
	South on a random line between sections 31 & 36. Variation 14° 40' East.
39.88	To ¼ Sec. Cor. Post and earth mound in good order
80.00	The Standard Cor. to Tps. 29 N. Rs. 49 & 50 W. which is a mound and pits with post in E. pit.
	I carefully examined my Solar Compass today and found it correct. April 3rd 1882.

7th Standard Parallel along.

S. B. T. 29 N. R. 50 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line on S. B. of Section 36. Va. 14°40' East.
40.00	To a point 18 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 45' E.
	From the ¼ Sec. Cor. I continue. West.
80.19	To a point 28 lks. North of cor. to secs. 35 and 36 which is a mound and pits with post in E. pit.
	The return course is therefore N. 89° 51' E.

7th Standard Parallel along.

S. B. T. 29 N. R. 50 W. 6th P. M.

Chains.	Retracing
	West. on a random line on S. B. of Section 35. Va. 15°10' East.
40.00	To a point 13 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 49' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 20 lks. North of cor. to secs. 34 and 35, which is a mound and pits with post in E. pit.
	The return course is therefore N. 89° 54' E.
	West. on a random line on S. B. of Section 34. Va. 15°20' East.
39.81	To a point 20 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 43' E.
	From the ¼ Sec. Cor. I continue. West.

7th Standard Parallel along,

S. 18. T. 29 N. R. 50 W. 6th P. M.

Chains.	Retracing
79.65	To a point 25 lks. North of cor. to secs. 33 and 34, which is a mound and pits with post in E. pit. The return course is therefore N. 89° 56' E.
	West. on a random line on S. B. of Section 33. Va. 15° 00' East.
39.72	To a point 13 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit. The return course is therefore N. 89° 49' E.
	(From the ¼ Sec. Cor. I continue. West.)
79.87	To a point 22 lks. North of cor. to secs. 32 and 33, which is a mound and pits with post in E. pit. The return course is therefore N. 89° 52' E.

7th Standard Parallel along,

S. 18. T. 29 N. R. 50 W. 6th P. M.

Chains.	Retracing
	West. on a random line on S. B. of Section 32. Va. 15° 00' East.
40.00	To a point 5 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit. The return course is therefore S. 89° 56' E.
	(From the ¼ Sec. Cor. I continue. West.)
79.77	To a point 20 lks. North of cor. to secs. 31 and 32, which is a mound and pits with post in E. pit. The return course is therefore N. 89° 37' E.
	West. on a random line on S. B. of Section 31. Va. 15° 15' East.
40.19	To a point 18 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit. The return course is therefore N. 89° 45' E.
	(From the ¼ Sec. Cor. I continue. West.)

7th Standard Parallel along.

S. B. T. 29 N. R. 50 W. 6th P. M.

Chains.	Retracing
79.81	To a point 32 lks. North
	Standard The Cor. to Tps. 29 N. Rs. 50 & 51 W.
	The return course is therefore N. 89° 48' E.
	April 4th 1882.

7th Standard Parallel along.

S. B. T. 29 N. R. 49 W. 6th P. M.

Chains.	Retracing
	Standard From the Cor. to Tps. 29 N. Rs. 49 & 50 W,
	I run,
	East. on a random line on S. B. of Section 31.
	Va. 14° 40' East.
40.07	To a point 10 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in N. pit.
	The return course is therefore S. 89° 51' W.
	From the ¼ Sec. Cor. I continue. East.
80.29	To a point 23 lks. South of cor. to
	secs. 31 and 32,
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 89° 49' W.
	East. on a random line on S. B. of Section 32.
	Va. 15° 15' East.
40.16	To a point 10 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in N. pit.

7th Standard Parallel along.

S. B. T. 29 N. R. 49 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 89° 51' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To a point 20 lks. South of cor. to secs. 32 and 33,
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 89° 51' W.
	East. on a random line on S. B. of Section 33.
	Va. 16° 15' East.
39.91	To a point 12 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in M. pit.
	The return course is therefore S. 89° 50' W.
	From the ¼ Sec. Cor. I continue. East.
79.76	To a point 12 lks. South of cor. to secs. 33 and 34,
	which is a mound and pits
	with post in E. pit.
	The return course is therefore West.

7th Standard Parallel along.

S. B. T. 29 N. R. 49 W. 6th P. M.

Chains.	Retracing
	East. on a random line on S. B. of Section 34,
	Va. 15° 10' East.
40.00	To a point 11 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in M. pit.
	The return course is therefore S. 89° 51' W.
	From the ¼ Sec. Cor. I continue. East.
80.14	To a point 27 lks. South of cor. to secs. 34 and 35,
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 89° 46' W.
	East. on a random line on S. B. of Section 35,
	Va. 15° 20' East.
40.00	To a point 15 lks. North of ¼ sec. cor.
	which is a mound and pits
	with post in M. pit.
	The return course is therefore M. 89° 47' W.
	From the ¼ Sec. Cor. I continue. East.

7th Standard Parallel along.

S. 13. T. 29 N. R. 49 W. 6th P. M.

Chains.	Retracing
80.20	To a point 18 lks. South of cor. to secs. 35 and 36, which is a mound and pits with post in E. pit.
	The return course is therefore S. 89° 32' W.
	East. on a random line on S. B. of Section 36. Va. 15° 10' East.
40.19	To a point 18 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 45' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To a point 13 lks. South of Standard The Cor. to Tps. 29 N. Rs. 48 & 49 W, which is a mound and pits with post in E. pit.
	The return course is therefore N. 89° 56' W.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. April 5th 1882.

6th Guide Meridian West.

E. 13. T. 29 N. R. 49 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 31 & 36. Variation 14° 30' East.
39.82	To a point 3 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 3' E.
	From the ¼ Sec. Cor. I continue. North
79.85	To a point 5 lks. East of cor. to secs. 25, 30, 31 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 2' E.
	North on a random line between sections 25 & 30. Variation 14° 35' East.
40.00	To a point 14 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 12' W.
	From the ¼ Sec. Cor. I continue. North

6th Guide Meridian West.

E. B. T. 29 N. R. 49 W. 6th P. M.

Chains.	Retracing
79.92	To a point 16 lks. West of cor. to secs. 19, 24, 25 and 30,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 2' W.
	North on a random line between sections 19 & 24. Variation 14° 25' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.19	To Cor. to Secs. 13, 18, 19 & 24, Post and earth mound in good order
	North on a random line between sections 13 & 18. Variation 14° 30' East.
40.10	To ¼ Sec. Cor. Post and earth mound in good order
80.10	To a point 5 lks. East of cor. to secs. 7, 12, 13 and 18,
	which is a mound and pits with post in S. E. pit.

6th Guide Meridian West.

E. B. T. 29 N. R. 49 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 4' E.
	North on a random line between sections 7 & 12. Variation 14° 35' East.
40.12	To a point 13 lks. West of ¼ sec. cor.
	which is a mound and pits with post in E. pit.
	The return course is therefore S. 11' W.
	From the ¼ Sec. Cor. I continue. North
80.15	To a point 21 lks. East of cor. to secs. 1, 6, 7 and 12,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 13' E.
	North on a random line between sections 1 & 6. Variation 14° 30' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
79.92	The Cor. to Tps. 29 & 30 N. Rs. 48 & 49 W.

6th Guide Meridian West.

E. B. T. 29 N. R. 49 W. 6th P. M.

Chains.	Chains.	Retracing
		which is a post in earth mound with pits.
		I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
		April 6th 1882.

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

Retracing

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

M. B. T. 29 N. R. 49 W. 6th P. M.

(See previous page.)

Chains.	Retracing
	West. on a random line between sections 1 & 36. Variation 14° 30' East.
39.81	To a point 5 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 56' E.
	(From the ¼ Sec. Cor. I continue. West.)
79.79	To a point 19 lks. North of cor. to secs. 1, 2, 35 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 48' E.
	West. on a random line between sections 2 & 35. Variation 15° 00' East.
40.00	To a point 7 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 54' E.
	(From the ¼ Sec. Cor. I continue. West.)

M. B. T. 29 N. R. 49 W. 6th P. M.

Chains.	Retracing
80.00	To a point 17 lks. North of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 89° 39' E.
	West. on a random line between sections 3 & 34. Variation 15° 00' East.
40.08	To a point 8 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 58' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 10 lks. North of cor. to secs. 3, 33, 34 and 4, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 89° 58' E.

M. B. T. 29 N. R. 49 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 4 & 33. Variation 15° 10' East.
40.08	To ¼ Sec. Cor. Post and earth mound in good order
80.23	To a point 15 lks. North of cor. to secs. 4, 5, 32 and 33, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 89° 47' E.
	West. on a random line between sections 5 & 32, Variation 15° 05' East.
40.00	To a point 5 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore S. 89° 56' E.
	From the ¼ Sec. Cor. I continue. West.
80.06	To a point 12 lks. North of cor. to secs. 5, 6, 31 and 32 which is a mound and pits with post in S.E. pit.

W. B. T. 29 N. R. 49 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 84° 45' E.
	West. on a random line between sections 6 & 31. Variation 15° 10' East.
40.00	To a point 13 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 49' E.
	From the ¼ Sec. Cor. I continue. West.
79.72	To a point 22 lks. North of
	The Cor. to Tps. 29 & 30 N. Rs. 49 & 50 W.
	The return course is therefore N. 87° 52' E.
	April 7th 1882.

W. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 21 & 30 N. Rs. 48 & 49 W. I run, North on a random line between sections 31 & 36. Variation 15° 20' East.
40.00	To a point 13 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 11' E.
	From the ¼ Sec. Cor. I continue. North
79.72	To a point 12 lks. East of cor. to secs. 25, 30, 31 and 36, which is a mound and pits with post in S.E. pit.
	The return course is therefore S. 1' W.
	North on a random line between sections 25 & 30. Variation 15° 20' East.
39.90	To a point 17 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 16' E.
	From the ¼ Sec. Cor. I continue. North

6th th Guide Meridian West.

W. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
80.04	To a point 14 lks. West of cor. to secs. 19, 24, 25 and 30, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 28' W.
	North on a random line between sections 19 & 24. Variation 15° 15' East.
40.10	To a point 9 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 8' W.
	From the ¼ Sec. Cor. I continue. North
80.15	To a point 12 lks. West of cor. to secs. 13, 18, 19 and 24, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 3' W.

6th th Guide Meridian West.

W. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 13 & 18. Variation 15° 00 East.
40.00	To a point 17 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 15' W.
	From the ¼ Sec. Cor. I continue. North
80.09	To a point 19 lks. West of cor. to secs. 7, 12, 13 and 18, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 2' W.
	North on a random line between sections 7 & 12. Variation 14° 55' East.
40.00	To a point 5 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 4' E.
	From the ¼ Sec. Cor. I continue. North

6th Guide Meridian West.

W. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
80.00	To Cor. to Secs. 1, 6, 7 & 12. Post and earth mound in good order
	The return course is therefore S. 4' W.
	North on a random line between sections 1 & 6.
	Variation 14° 50' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
79.59	To a point 7 lks. West
	The Cor. to Tps. 30 & 31 N. Rs. 48 & 49 W.
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 6' W.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	April 8th 1882.

6th Guide Meridian West.

W. B. T. 31 N. R. 48 W. 6th P. M.

Chains.	Retracing
	Before proceeding ~~further~~ with the exteriors of this Tp. I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	I took the latitude and found it to be 42° 36' N.
	North on a random line between sections 31 & 36.
	Variation 14° 50' East.
40.00	To a point 4 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 3' E.
	From the ¼ Sec. Cor. I continue. North
79.92	To Cor. to Secs. 25, 30, 31 & 36,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 5' W.
	North on a random line between sections 25 & 36.
	Variation 15° 00' East.
39.92	To ¼ Sec. Cor.

6th Guide Meridian West.

W. B. T. 31 N. R. 48 W. 6th P. M.

Chains.	Retracing
	which is a mound and pits with post in E. pit.
79.77	To Cor. to Secs. 19, 24, 25 and 30, which is a mound and pits with post in S.E. pit.
	North on a random line between sections 19 & 24. Variation 14° 50' East.
39.79	To ¼ Sec. Cor. which is a mound and pits with post in E. pit.
79.73	To Cor. to Secs. 13, 18, 19 and 24. which is a mound and pits with post in S.E. pit.
	North on a random line between sections 13 & 18. Variation 15° 00' East.
110.00	To ¼ Sec. Cor. which is a mound and pits with post in E. pit.

6th Guide Meridian West.

W. B. T. 31 N. R. 48 W. 6th P. M.

Chains.	Retracing
80.00	To a point 7 lks. West of cor. to secs. 7, 12, 13 and 18. which is a mound and pits with post in S.E. pit.
	The return course is therefore S. 8' W.
	North on a random line between sections 7 & 12. Variation 15° 00' East.
40.00	To a point 4 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 3' W.
	From the ¼ Sec. Cor. I continue. North
80.13	To a point 4 lks. West of cor. to secs. 1, 6, 7 and 12 which is a mound and pits with post in S.E. pit.
	The return course is therefore South.

6 th Guide Meridian West.

W. B. T. 31 N. R. 48 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 1 & 6.
	Variation 15° 00' East.
39.73	To a point 15 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 18' E.
	From the ¼ Sec. Cor. I continue. North
79.67	To a point 9 lks. West of
	The Cor. to Tps. 31 & 32 N. Rs. 48 & 49 W.
	which is a mound and pits
	with post in S.E. pit.
	The return course is therefore S. 21' W.
	April 10th 1882.

6 th Guide Meridian West.

W. B. T. 32 N. R. 48 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp. I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	I took the latitude and found it to be 42° 41' N.
	North on a random line between sections 31 & 36.
	Variation 16° 00' East.
40.00	To ¼ Sec. Cor.
	which is a mound and pits
	with post in E. pit.
79.77	To a point 13 lks. East of cor. to secs. 25, 30, 31 and 36,
	which is a mound and pits
	with post in S.E. pit.
	The return course is therefore S. 11' E.

6 th Guide Meridian West.

W. B. T. 32 N. R. 48 W. 6th P. M.

Ch Chains.	Retracing
	North on a random line between sections 25 & 30.
	Variation 16° 10' East
39.89	To ¼ Sec. Cor.
	which is a mound and pits
	with post in E. pit.
79.65	To a point 9 lks. East of cor. to
	secs. 19, 24, 25 and 30
	which is an Elder tree 4 ins. diam
	The return course is therefore S. 8' E.
	North on a random line between sections 19 & 24.
	Variation 16° 00' East.
39.65	To a point 13 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 11' E.
	From the ¼ Sec. Cor. I continue. North
79.70	To a point 12 lks. West of cor. to
	secs. 13, 18, 19 and 24,
	which is a sandstone 36 x 8 x 6 ins.

6 th Guide Meridian West.

W. B. T. 32 N. R. 48 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 21' W.
	North on a random line between sections 13 & 18.
	Variation 15° 30' East.
39.71	To a point 4 lks. West of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 3' W.
	From the ¼ Sec. Cor. I continue. North
79.69	To a point 15 lks. East of cor. to
	secs. 7, 12, 13 and 18,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 16' E.
	North on a random line between sections 7 & 12.
	Variation 15° 50' East.
39.81	To a point 9 lks. West of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.

6 th Guide Meridian West.

W. B. T. 32 N. R. 48 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 8' W.
	From the ¼ Sec. Cor. I continue. North
79.73	To a point 4 lks. East of cor. to secs. 1, 6, 7 & 12
	which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 11' E.
	North on a random line between sections 1 & 6. Variation 15° 50' East.
40.22	To a point 7 lks. West of ¼ sec. cor.
	which is a mound and pits with post in E. pit.
	The return course is therefore S. 6' W.
	From the ¼ Sec. Cor. I continue. North
80.35	To a point 15 lks. East Closing of cor. to Tps. 32 N., Rs. 48 & 49 W.,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 19' E.
	April 11th 1882.

th Guide Meridian West.

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

Chains.	Retracing

S. B. T. 33 N. R. 48 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 6 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	I took the latitude and found it to be 42° 47' N.
	East. on a random line on S. B. of Section 32
	Va. 15° 45' East.
35.30	To ¼ Sec. Cor.
	which is a mound and pits
	with post in N. pit.
74.93	To Cor. to Secs. 32 & 33
	which is a mound and pits
	with post in E. pit.
	East. on a random line on S. B. of Section 33.
	Va. 15° 45' East.
39.80	To a point 5 lks. North of ¼ sec. cor.
	which is a mound and pits
	with post in N. pit.

S. B. T. 33 N. R. 48 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 89° 56' W.
	From the ¼ Sec. Cor. I continue. East.
79.69	To a point 4 lks. North of cor. to secs. 33 and 34,
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 89° 57' W.
	East. on a random line on S. B. of Section 34.
	Va. 15° 20' East.
40.20	To a point 7 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in N. pit.
	The return course is therefore S. 89° 54' W.
	From the ¼ Sec. Cor. I continue. East.
80.29	To a point 13 lks. North of cor. to secs. 34 and 35,
	which is a mound and pits
	with post in E. pit.
	The return course is therefore N. 89° 43' W.

8th Standard Parallel along.

S. B. T. 33 N. R. 48 W. 6th P. M.

Chains.	Retracing
	East. on a random line on S. B. of Section 35. Va. 15°25' East.
40.12	To a point 9 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89°52' W.
	From the ¼ Sec. Cor. I continue, East.
80.33	To a point 9 lks. South of cor. to secs. 35 & 36. which is a mound and pits with post in E. pit.
	The return course is therefore West.
	East. on a random line on S. B. of Section 36. Va. 15°25' East.
40.15	To ¼ Sec. Cor. which is a mound and pits with post in M. pit.
80.15	To Standard Cor. to ~~Secs.~~ Townships 33 N. Rgs. 47 & 48 W.; which is a mound and pits with post in E. pit.

8th Standard Parallel along.

S. B. T. 33 N. R. 48 W. 6th P. M.

Chains.	Retracing
	East. on a random line on S. B. of Section ~~32~~ 31 Twp. 33 N. Rgs. 47 W. Va. 15°20' East.
40.00	To ¼ Sec. Cor. which is a mound and pits with post in U. pit.
80.00	The Cor. to ~~Tps.~~ Standard Secs. 31 & 32 N. Rs. 47 & ~~48 W.~~; which is a mound and pits with post in E. pit.
85.30	To closing cor. to Tps. 32 Rs. 47 & 48 W. April 12th 1882.

E. B. T. 32 N. R. 48 W. 6th P. M.

Chains.	Retracing	
	Closing From the Cor. to Tps. 32 N. Rs. 47 & 48 W,	
	which is a mound and pits with post in S.E. pit.	
	South on a random line between sections 1 & 6. Variation 15° 10' East.	
36.57	To ¼ Sec. Cor. which is a mound and pits with post in E. pit.	
76.30	To Cor. to Secs. 1, 6, 7 and 12, which is a mound and pits with post in S.E. pit.	
	South on a random line between sections 7 & 12. Variation 15° 05' East.	
40.00	To ¼ Sec. Cor. which is a mound and pits with post in E. pit.	
79.90	To Cor. to Secs. 7, 12, 13 and 18, which is a mound and pits with post in S.E. pit.	

E. B. T. 32 N. R. 48 W. 6th P. M.

Chains.	Retracing	
	South on a random line between sections 13 & 18. Variation 15° 05' East.	
40.10	To a point 5 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.	
	The return course is therefore N. 4' W.	
	From the ¼ Sec. Cor. I continue. South	
80.12	To a point 10 lks. West of cor. to secs. 13, 18, 19 and 24 which is a mound and pits with post in S.E. pit.	
	The return course is therefore N. 4' W.	
	South on a random line between sections 17 & 24. Variation 15° 05' East.	
39.88	To ¼ Sec. Cor. Post and earth mound in good order	
80.00	To a point 7 lks. East of cor. to secs. 19, 24, 25 and 30 which is a mound and pits with post in S.E. pit.	

E. B. T. 32 N. R. 48 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 6° E.
	South on a random line between sections 25 & 30. Variation 14° 50' East.
39.95	To a point 12 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 10° W.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 12 lks. West of cor. to secs. 25, 30, 31 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore North.
	South on a random line between sections 31 & 36. Variation 14° 45' East.
40.00	To ¼ Sec. Cor. which is a mound and pits with post in E. pit.

E. B. T. 32 N. R. 48 W. 6th P. M.

Chains.	Retracing
80.16	The Cor. to Tps. 31 & 32 N. Rs. 47 & 48 W., which is a mound and pits with post in S. E. pit.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. April 13th 1882.

M. B. T. 31 N. R. 48 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 6 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line between sections 1 & 36. Variation 15° 25' East.
40.10	To a point 18 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 45' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 23 lks. North of cor. to secs. 1, 2, 35 and 36 which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 56' E.

M. B. T. 31 N. R. 48 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 2 & 35. Variation 15° 30' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.06	To a point 25 lks. North of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 39' E.
	West. on a random line between sections 3 & 34. Variation 15° 10' East.
40.18	To a point 3 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 57' E.
	From the ¼ Sec. Cor. I continue. West.
80.21	To a point 15 lks. North of cor. to secs. 3, 4, 33 and 34, which is a mound and pits with post in S. E. pit.

M. B. T. 31 N. R. 48 W. 6th P. M.

Chains. Retracing

The return course is therefore N. 89° 45' E.

West. on a random line between sections 4 & 33.
Variation 15° 10' East.

40.00 To a point 14 lks. North of ¼ sec. cor.
which is a mound and pits
with post in M. pit.

The return course is therefore N. 89° 48' E.

From the ¼ Sec. Cor. I continue. West.

80.12 To a point 20 lks. North of cor. to
secs. 4, 5, 32 and 33,
which is a mound and pits
with post in S. E. pit.

The return course is therefore N. 89° 55' E.

West. on a random line between sections 5 & 32.
Variation 15° 20' East.

40.00 To a point 5 lks. South of ¼ sec. cor.
which is a mound and pits
with post in M. pit.

M. B. T. 31 N. R. 48 W. 6th P. M.

Chains. Retracing

The return course is therefore S. 89° 56' E.

From the ¼ Sec. Cor. I continue. West.

79.79 To a point 7 lks. North of cor. to
secs. 5, 6, 31 and 32
which is a mound and pits
with post in S. E. pit.

The return course is therefore N. 89° 50' E.

West. on a random line between sections 6 & 31
Variation 15° 15' East.

40.07 To a point 10 lks. North of ¼ sec. cor.
which is a mound and pits
with post in M. pit.

The return course is therefore N. 89° 51' E.

From the ¼ Sec. Cor. I continue. West.

79.82 To a point 15 lks. North of
The Cor. to Tps. 31 & 32 N. Rs. 48 & 49 W.

The return course is therefore N. 89° 56' E.

April 14th 1882.

E. B. T. 31 N. R. 48 W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 31 & 32 N. Rs. 47 & 48 W, I run,
	South on a random line between sections 1 & 6. Variation 15° 25' East.
40.16	To a point 16 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 14' E.
	From the ¼ Sec. Cor. I continue, South
80.00	To a point 12 lks. East of cor. to secs. 1, 6, 7 and 12, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 3' W.
	South on a random line between sections 7 & 12. Variation 14° 55' East.
39.90	To a point 4 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.

E. B. T. 31 N. R. 48 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 3' W.
	From the ¼ Sec. Cor. I continue. South
79.89	To a point 9 lks. West of cor. to secs. 7, 12, 13 and 18, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 4' W.
	South on a random line between sections 13 & 18. Variation 15° 05' East.
39.87	To a point 15 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 13' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 10 lks. East of cor. to secs. 13, 18, 19 and 24, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 4' W.

E. B. T. 31 N. R. 48 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 19 & 24.
	Variation 15° 20' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To Cor. to Secs. 19, 24, 25 & 30 Post and earth mound in good order
	South on a random line between sections 25 & 30.
	Variation 15° 15' East.
39.82	To ¼ Sec. Cor. Post and earth mound in good order
79.72	To Cor. to Secs. 25, 30, 31 & 36 Post and earth mound in good order
	South on a random line between sections 31 & 36.
	Variation 15° 15' East.
40.00	To a point 15 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 13° W.

E. B. T. 31 N. R. 48 W. 6th P. M.

Chains.	Retracing
	From the ¼ Sec. Cor. I continue. South
80.12	To a point 15 lks. West of The Cor. to Tps. 30 & 31 N. Rs. 47 & 48 W. which is a mound and pits with post in S. E. pit.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	April 18th 1882.

N. B. T. 30 N. R. 48 W. 6th P. M.

Chains. Retracing

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

West. on a random line between sections 1 & 36.

Variation 15° 16' East.

40.06 To a point 15 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.

The return course is therefore N. 89° 47' E.

From the ¼ Sec. Cor. I continue. West.

80.00 To a point 26 lks. North of cor. to secs. 1, 2, 35 and 36, which is a mound and pits with post in S. E. pit.

The return course is therefore N. 89° 51' E.

N. B. T. 30 N. R. 48 W. 6th P. M.

Chains. Retracing

West. on a random line between sections 2 & 35.

Variation 15° 16' East.

39.82 To a point 8 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.

The return course is therefore N. 89° 56' E.

From the ¼ Sec. Cor. I continue. West.

79.72 To a point 20 lks. North of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S. E. pit.

The return course is therefore N. 89° 50' E.

West. on a random line between sections 3 & 34.

Variation 15° 15' East.

40.00 To a point 15 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.

The return course is therefore N. 89° 47' E.

From the ¼ Sec. Cor. I continue. West.

M. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
80.00	To a point 22 lks. North of cor. to secs. 3, 4, 33 and 34,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore N. 89° 54' E.
	West. on a random line between sections 4 & 33.
	Variation 15° 05' East.
40.16	To a point 17 lks. North of ¼ sec. cor.
	which is a mound and pits
	with post in N. pit.
	The return course is therefore N. 89° 45' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 29 lks. North of cor. to secs. 4, 5, 32 and 33,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore N. 89° 50' E.

M. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 5 & 32,
	Variation 15° 00' East.
39.90	To a point 18 lks. North of ¼ sec. cor.
	which is a mound and pits
	with post in N. pit.
	The return course is therefore N. 89° 45' E.
	From the ¼ Sec. Cor. I continue. West.
79.69	To a point 22 lks. North of cor. to secs. 5, 6, 31 and 32,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore N. 89° 57' E.
	West. on a random line between sections 6 & 31,
	Variation 14° 50' East.
40.21	To a point 15 lks. North of ¼ sec. cor.
	which is a mound and pits
	with post in N. pit.
	The return course is therefore N. 89° 47' E.
	From the ¼ Sec. Cor. I continue. West.

N. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
78.15	To a point 24 lks. North
	The Cor. to Tps. 30 & 31 N. Rs. 48 & 49 W.
	The return course is therefore N. 89° 52' E.
	April 17th 1882.

E. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 30 & 31 N. Rs. 47 & 48 W., I run,
	South on a random line between sections 1 & 6.
	Variation 15° 10' East.
39.82	To a point 7 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore N. 6' E.
	From the ¼ sec. cor. I continue. South
79.85	To a point 9 lks. West of cor. to
	secs. 1, 6, 7 & 12,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore N. 14' W.
	South on a random line between sections 7 & 12.
	Variation 15° 00' East.
40.00	To a point 4 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.

E. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 3' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 10 lks. East of cor. to secs. 7, 12, 13 and 18,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 5' E.
	South on a random line between sections 13 & 18. Variation 15° 05' East.
40.00	To a point 15 lks. East of ¼ sec. cor.
	which is a mound and pits with post in E. pit.
	The return course is therefore N. 13' E.
	From the ¼ Sec. Cor. I continue. South
80.19	To a point 15 lks. East of cor. to secs. 13, 18, 19 and 24
	which is a mound and pits with post in S. E. pit.

E. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 19 & 24 Variation 14° 55' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.10	To Cor. to Secs. 19, 24, 25 & 30 Post and earth mound in good order
	South on a random line between sections 25 & 30, Variation 14° 50' East.
40.10	To a point 5 lks. West of ¼ sec. cor.
	which is a mound and pits with post in E. pit.
	The return course is therefore N. 4' W.
	From the ¼ Sec. Cor. I continue. South
80.15	To a point 4 lks. West of cor. to secs. 25, 30, 31 and 36
	which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 1' E.

E. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 31 & 36, Variation 14° 50' East.
40.15	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To a point 7 lks. West of
	The Cor. to Tps. 29 & 30 N, Rs. 47 & 48 W, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 6' W.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	April 18th 1882.

S. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line between sections 1 & 36, Variation 15° 00' East.
40.00	To a point 10 lks. North of ¼ sec. cor. which is a mound and pits with post in W, pit.
	The return course is therefore N. 89° 51' E.
	From the ¼ Sec. Cor. I continue. West.
79.90	To a point 23 lks. North of cor. to secs. 1, 2, 35 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 49' E.

S. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 2 & 35. Variation 15° 05' East.
40.00	To a point 10 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 51' E.
	From the ¼ Sec. Cor. I continue. West.
80.19	To a point 20 lks. North of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 51' E.
	West. on a random line between sections 3 & 34. Variation 15° 15' East.
40.16	To ¼ Sec. Cor. Post and earth mound in good order
80.21	To a point 29 lks. North of cor. to secs. 3, 4, 33 and 34, which is a mound and pits with post in S. E. pit.

S. B. T. 30 N. R. 48 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 89° 35' E.
	West. on a random line between sections 4 & 33. Variation 15° 20' East.
40.00	To a point 14 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 45' E.
	From the ¼ Sec. Cor. I continue. West.
80.12	To a point 20 lks. North of cor. to secs. 4, 5, 32 and 33, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 55' E.
	West. on a random line between sections 5 & 32. Variation 15° 30' East.
39.90	To a point 5 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.

S. B. T. 30 N. R. 48 W. 6th P. M.

Chains. Retracing

The return course is therefore S. 89° 56' E.

From the ¼ Sec. Cor. I continue. West.

80.00 To a point 15 lks. North of cor. to secs. 5, 6, 31 and 32,

which is a mound and pits with post in S. E. pit.

The return course is therefore N. 89° 40' E.

West. on a random line between sections 6 & 31.

Variation 15° 00' East.

39.92 To a point 9 lks. North of ¼ sec. cor.

which is a mound and pits with post in N. pit.

The return course is therefore N. 89° 52' E.

From the ¼ Sec. Cor. I continue. West.

79.25 To a point 20 lks. North of

The Cor. to Tps. 29 & 30 N. Rs. 48 & 49 W.

The return course is therefore N. 89° 51' E.

April 19th 1882.

S. B. T. 31 N. R. 47 W. 6th P. M.

Chains. Retracing

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

From the Cor. to Tps. 30 & 31 N. Rs. 47 & 48 W., I run,

East. on a random line between sections 6 & 31

Variation 15° 10' East.

39.10 To a point 21 lks. South of ¼ sec. cor.

which is a mound and pits with post in N. pit.

The return course is therefore S. 89° 42' W.

~~From the ¼ Sec. Cor. I continue. East.~~

79.10 To a point 37 lks. South of cor. to secs. 5, 6, 31 and 32

which is a mound and pits with post in S. E. pit.

The return course is therefore S. 89° 46' W.

S. B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 5 & 32, Variation 14° 55' East.
40.00	To a point 14 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 48' W.
	~~From the ¼ Sec. Cor. I continue. East.~~
80.06	To a point 30 lks. South of cor. to secs. 4, 5, 32 and 33, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 46' W.
	East. on a random line between sections 4 & 33. Variation 14° 55' East.
40.00	To a point 17 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 45' W.
	~~From the ¼ Sec. Cor. I continue. East.~~

S. B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
80.10	To a point 21 lks. South of cor. to secs. 3, 4, 33 and 34, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 57' W.
	East. on a random line between sections 3 & 34, Variation 14° 55' East.
39.71	To a point 14 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 48' W.
	~~From the ¼ Sec. Cor. I continue. East.~~
79.85	To a point 25 lks. South of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 51' W.

S. B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 2 & 35. Variation 15° 20' East.
39.95	To a point 15 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 47' W.
	~~From the ¼ Sec. Cor. I continue. East.~~
79.80	To a point 29 lks. South of cor. to secs. 1, 2, 35 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 48' W.

	East. on a random line between sections 1 & 36. Variation 15° 20' East.
39.90	To a point 15 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 47' W.
	~~From the ¼ Sec. Cor. I continue. East.~~

S. B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
79.75	To a point 33 lks. South of The Cor. to Tps. 30 & 31 N. Rs. 46 & 47 W., which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 45' W.
	April 20th 1862.

E. B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 31 & 36
	Variation 15° 30' East.
40.17	To a point 8 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 7' E.
	~~From the ¼ Sec. Cor. I continue. North~~
80.00	To a point 10 lks. East of cor. to
	secs. 25, 30, 31 and 36,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 2' E.
	North on a random line between sections 25 & 30,
	Variation 15° 25' East.
40.10	To a point 6 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 5' E.
	~~From the ¼ Sec. Cor. I continue. North~~

E. B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
80.00	To a point 13 lks. East of cor. to
	secs. 19, 24, 25 and 30,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 7' E.
	North on a random line between sections 19 & 24,
	Variation 16° 00' East.
40.00	To a point 5 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 4' E.
	~~From the ¼ Sec. Cor. I continue. North~~
79.85	To a point 5 lks. West of cor. to
	secs. 13, 18, 19 and 24,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 9' W.

E. B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 13 & 18, Variation 15° 55' East.
40.16	To a point 7 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 6' E.
	~~From the ¼ Sec. Cor. I continue.~~ North
80.29	To a point 12 lks. East of cor. to secs. 7, 12, 13 & 18, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 4' E.
	North on a random line between sections 7 & 12, Variation 15° 45' East.
40.00	To a point 16 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 14' E.
	From the ¼ Sec. Cor. I continue. North

E. B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
80.07	To a point 16 lks. East of cor. to secs. 1, 6, 7 & 12, which is a mound and pits with post in S. E. pit.
	The return course is therefore S.
	North on a random line between sections 1 & 6, Variation 15° 30' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
79.89	The Cor. to Tps. 31 & 32 N. Rs. 46 & 47 W, which is a Post and earth mound in good order

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

April 21st 1882.

M.B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line between sections 1 & 36. Variation 15° 10' East.
40.00	To a point 20 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 43' E.
	From the ¼ Sec. Cor. I continue. West.
80.16	To a point 47 lks. North of cor. to secs. 1, 2, 35 and 36, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 89° 37' E.

M.B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 2 & 35. Variation 15° 10' East.
40.00	To a point 25 lks. North of ½ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 39' E.
	From the ¼ Sec. Cor. I continue. West.
80.10	To a point 45 lks. North of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 89° 43' E.
	West. on a random line between sections 3 & 34, Variation 15° 00' East.
39.89	To a point 15 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 47' E.
	From the ¼ Sec. Cor. I continue. West.

U. B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
80.00	To a point 40 lks. North of cor. to secs. 3, 4, 33 and 34
	which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 39' E.
	West. on a random line between sections 4 & 33. Variation 15° 00' East.
39.92	To a point 20 lks. North of ¼ sec. cor,
	which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 43' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 35 lks. North of cor. to secs. 4, 5, 32 and 33,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 47' E.

U. B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 5 & 32. Variation 14° 55' East.
40.00	To a point 27 lks. North of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 37' E.
	From the ¼ Sec. Cor. I continue. West.
79.90	To a point 47 lks. North of cor. to secs. 5, 6, 31 and 32,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 43' E.
	West. on a random line between sections 6 & 31. Variation 14° 40' East.
40.00	To a point 26 lks. North of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 38' E.
	From the ¼ Sec. Cor. I continue. West.

N. B. T. 31 N. R. 47 W. 6th P. M.

Chains.	Retracing
78.59	To a point 44 lks. North
	The Cor. to Tps. 31 & 32 N. Rs. 47 & 48 W.
	The return course is therefore N. 89° 45' E.
	April 22nd 1882.

E. B. T. 32 N. R. 47 W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 31 & 32 N. Rs. 46 & 47 W., I run,
	North on a random line between sections 31 & 36
	Variation 15° 10' East.
40.25	To ¼ Sec. Cor. Post and earth mound in good order
80.31	To Cor. to Secs. 25, 30, 31 & 36, Post and earth mound in good order
	North on a random line between sections 25 & 30.
	Variation 15° 00' East.
39.75	To ¼ Sec. Cor. Post and earth mound in good order
79.72	To Cor. to Secs. 19, 24, 25 & 30 Post and earth mound in good order
	North on a random line between sections 19 & 24.
	Variation 15° 10' East.
39.79	To ¼ Sec. Cor. Post and earth mound in good order

E. B. T. 32 N. R. 47 W. 6th P. M.

Chains.	Retracing
80.00	To Cor. to Secs. 13, 18, 19 & 24. Post and earth mound in good order
	North on a random line between sections 13 & 18. Variation 15° 00' East.
40.20	To ¼ Sec. Cor. Post and earth mound in good order
80.29	To Cor. to Secs. 7, 12, 13 & 18. Post and earth mound in good order
	North on a random line between sections 7 & 12. Variation 15° 00' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
79.91	To Cor. to Secs. 1, 6, 7 & 12. Post and earth mound in good order
	North on a random line between sections 1 & 6. Variation 15° 00' East.
40.06	To ¼ Sec. Cor. Post and earth mound in good order

E. B. T. 32 N. R. 47 W. 6th P. M.

Chains.	Retracing
72.15	Closing The Cor. to Tps. 32 N. Rs. 46 & 47 W., which is a Post and earth mound in good order
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	April 24th 1882.

S. B. T. 33 N. R. 47 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 6 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	From the Closing Cor. to Tps. 32 N. Rs. 46 & 47 W, which is a Post and earth mound in good order, I run
	West. on a random line on S. B. of Section 31. Va. 15°10' East.
2.55	To Standard Cor. to Secs. 31 & 32, T. 33 N., R. 46 W., which is a post and earth mound in good order.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.10	To Cor. to Tps. 33 N., Rs. 46 and 47 W., Standard Post and earth mound in good order
	West. on a random line on S. B. of Section 36 Va. 15°00' East.
40.05	To ¼ Sec. Cor. Post and earth mound in good order
80.20	To a point 12 lks. South of cor. to secs. 36 and 35,

S. B. T. 33 N. R. 47 W. 6th P. M.

Chains.	Retracing
	which is a mound and pits with post in E. pit.
	The return course is therefore S. 89° 50' E.
	West. on a random line on S. B. of Section 35. Va. 15°26' East.
40.18	To a point 15 lks. North of ¼ sec. cor. which is a mound and pits with post in W. pit.
	The return course is therefore W. 89° 47' E.
	From the ¼ Sec. Cor. I continue. West.
80.41	To a point 10 lks. South of cor. to secs. 35 and 34, which is a mound and pits with post in E. pit.
	The return course is therefore S. 89° 39' E.

S. B. T. 33 N. R. 47 W. 6th P. M.

Chains.	Retracing
	West. on a random line on S. B. of Section 34 Va. 15°15' East.
40.10	To a point 5 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89°56' E.
	From the ¼ Sec. Cor. I continue. West.
80.27	To a point 4 lks. South of cor. to secs. 34 and 33, which is a mound and pits with post in E. pit.
	The return course is therefore N. 89°59' E.
	West. on a random line on S. B. of Section 33. Va. 15°20' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To a point 9 lks. South of cor. to secs. 33 and 32, which is a mound and pits with post in E. pit.

S. B. T. 33 N. R. 47 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 89°52' E.
	West. on a random line on S. B. of Section 32. Va. 15°20' East.
40.00	To a point 3 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89°57' E.
	From the ¼ Sec. Cor. I continue. West.
74.87	Closing The Cor. to Tps. 32 N. Rs. 47 & 48 W. April 25th 1882.

8th Standard Parallel along.

S. B. T. 33 N. R. 46 W. 6th P. M.

Chains.	Retracing
	Closing From the Cor. to Tps. 32 N. Rs. 46 & 47 W. I run,
	East. on a random line on S. B. of Section 32 Va. 15°96' East.
37.05	To a point 8 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89°53' W.
	From the ¼ Sec. Cor. I continue. East.
76.92	To a point 20 lks. North of cor. to secs. 33 & 32 which is a mound and pits with post in E. pit.
	The return course is therefore N. 89°58' W.
	East. on a random line on S. B. of Section 33. Va. 15°25' East.
39.66	To a point 13 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89°49' W.

8th Standard Parallel along.

S. B. T. 33 N. R. 46 W. 6th P. M.

Chains.	Retracing
	From the ¼ Sec. Cor. I continue. East.
79.50	To a point 24 lks. North of cor. to secs. 34 & 33, which is a mound and pits with post in E. pit.
	The return course is therefore N. 89°57' W.
	East. on a random line on S. B. of Section 34. Va. 15°44' East.
39.79	To ¼ Sec. Cor. Post and earth mound in good order
79.66	To a point 20 lks. North of cor. to secs. 35 & 34, which is a mound and pits with post in E. pit.
	The return course is therefore N. 89°43' W.

8th Standard Parallel along.

S. B. T. 33 N. R. 46 W. 6th P. M.

Chains.	Retracing
	East. on a random line on S. B. of Section 35. Va. 15°30' East.
40.00	To a point 7 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89°54' W.
	From the ¼ Sec. Cor. I continue. East.
80.19	To a point 15 lks. North of cor. to secs. 35 and 36, which is a mound and pits with post in E. pit.
	The return course is therefore N. 89°53' W.
	East. on a random line on S. B. of Section 36. Va. 15° 35' East.
40.00	To a point 10 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89°51' W.
	From the ¼ Sec. Cor. I continue. East.

8th Standard Parallel along.

S. B. T. 33 N. R. 46 W. 6th P. M.

Chains.	Retracing
79.85	To a point 25 lks. North of Standard Cor. to Tps. 33 N. Rs. 45 & 46 W., which is a mound and pits with post in E. pit.
	The return course is therefore N. 89°47' W.
	East. on a random line on S. B. of Section 31. Va. 15°20' East.
40.00	To a point 8 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89°53' W.
	From the ¼ Sec. Cor. I continue. East.
80.14	To a point 20 lks. North of cor. to secs. 31 and 32 which is a mound and pits with post in E. pit.
	The return course is therefore N. 89° 50' W.
83.36	To Closing Cor. to Tps. 32 N., Rs. 45 and 46 W.

I carefully examined my Solar Compass today and found it correct. April 26th 1882.

E. 18, T. 32 N. R. 46 W. 6th P. M.

Chains.	Retracing
	Closing From the Cor. to Tps. 32 N. Rs. 45 & 46 W., which is a mound and pits with post in S. E. pit., 9 mm
	South on a random line between sections 1 & 6. Va. 15°20' East.
37.15	To ¼ Sec. Cor. Post and earth mound in good order
67.00	To Cor. to Secs. 1, 6, 7 & 12. Post and earth mound in good order
	South on a random line between sections 7 & 12. Va. 15°20' East.
39.78	To ¼ Sec. Cor. Post and earth mound in good order
79.79	To a point 5 lks. East of cor. to secs. 7, 12, 13 & 18, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 4° E.

E. 18 T. 32 N. R. 46 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 13 & 18. Variation 15° 35' East.
39.92	To a point 7 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 6° E.
	From the ¼ Sec. Cor. I continue. South
80.20	To a point 10 lks. West of cor. to secs. 13, 18, 19 and 24, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 15° W.
	South on a random line between sections 19 & 24. Variation 15° 10' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To Cor. to Secs. 19, 24, 25 & 30 Post and earth mound in good order

E. B. T. 32 N. R. 46 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 25 & 30. Variation 15° 10' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
79.71	To Cor. to Secs. 25, 30, 31 & 36 Post and earth mound in good order
	South on a random line between sections 31 & 36. Variation 15° 10' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.20	The Cor. to Tps. 31 & 32 N. Rs. 45 & 46 W., which is a mound and pits with post in S. E. pit.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. April 27th 1882.

S. B. T. 32 N. R. 46 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 6 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line between sections 1 & 36. Variation 15° 20' East.
40.05	To ¼ Sec. Cor. Post and earth mound in good order
80.19	To a point 5 lks. South of cor. to secs. 1, 2, 35 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 56' E.
	West. on a random line between sections 2 & 35. Variation 15° 25' East.
40.00	To a point 7 lks. North of ¼ sec. cor. which is a mound and pits with post in W. pit.

S. 18. T. 32 N. R. 46 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 89° 54' E.
	From the ¼ Sec. Cor. I continue. West.
80.12	To a point 3 lks. South of cor. to secs. 2, 3, 34 & 35,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 51' E.
	West. on a random line between sections 3 & 34. Variation 15° 10' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To Cor. to Secs. 3, 4, 33 & 34. Post and earth mound in good order
	West. on a random line between sections 4 & 33. Variation 15° 20' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
79.79	To Cor. to Secs. 4, 5, 32 & 33. Post and earth mound in good order

S. 18. T. 32 N. R. 46 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 5 & 32. Variation 15° 20' East.
39.69	To ¼ Sec. Cor. Post and earth mound in good order
79.51	To Cor. to Secs. 5, 6, 31 & 32. Post and earth mound in good order
	West. on a random line between sections 6 & 31. Variation 15° 15' East.
40.10	To a point 7 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore S. 89° 54' E.
	From the ¼ Sec. Cor. I continue. West.
79.00	To a point 4 lks. North of
	The Cor. to Tps. 31 & 32 N. Rs. 46 & 47 W.
	The return course is therefore N. 89° 57' E.
	April 28th 1882.

E. B. T. 31 N. R. 46 W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 31 & 32 N. Rs. 45 & 46 W., I run,
	South on a random line between sections 1 & 6. Variation 15° 20' East.
40.15	To a point 5 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 4' E.
	From the ¼ Sec. Cor. I continue. South
80.14	To a point 13 lks. East of cor. to secs. 1, 6, 7 & 12 which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 7' E.
	South on a random line between sections 7 & 12. Variation 16° 00' East.
39.87	To a point 10 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.

E. B. T. 31 N. R. 46 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 9' W.
	From the ¼ Sec. Cor. I continue. South
79.69	To a point 5 lks. East of cor. to secs. 7, 12, 13 & 18, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 13' E.
	South on a random line between sections 13 & 18. Variation 16° 10' East.
40.00	To a point 7 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 6' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 12 lks. East of cor. to secs. 13, 18, 19 & 24, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 4' E.

E. B. T. 31 N. R. 46 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 19 & 24, Variation 15° 50' East.
40.00	To a point 9 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 8' W.
	From the ¼ Sec. Cor. I continue. South
80.19	To a point 5 lks. West of cor. to secs. 19, 24, 25 & 30, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 3' E.
	South on a random line between sections 25 & 30, Variation 15° 40' East.
40.00	To a point 13 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 11' W.
	From the ¼ Sec. Cor. I continue. South

E. B. T. 31 N. R. 46 W. 6th P. M.

Chains.	Retracing
79.88	To Cor. to Secs. 25, 30, 31 & 36, Post and earth mound in good order
	The return course is therefore N. 11' E.
	South on a random line between sections 31 & 36, Variation 16° 05' East.
40.13	To ¼ Sec. Cor. Post and earth mound in good order
79.92	The Cor. to Tps. 30 & 31 N. Rs. 45 & 46 W, which is a mound and pits with post in S. E. pit.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	April 29th 1882.

S. B. T. 31 N. R. 46 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line between sections 1 & 36, Variation 16° 05' East.
40.05	To ¼ Sec. Cor. Post and earth mound in good order
80.14	To Cor. to Secs. 1, 2, 35 & 36. Post and earth mound in good order
	West. on a random line between sections 2 & 35. Variation 16° 10' East.
40.16	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To Cor. to Secs. 2, 3, 34 & 35 Post and earth mound in good order

S. B. T. 31 N. R. 46 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 3 & 34, Variation 16° 00' East.
40.13	To a point 15 lks. North of ¼ sec. cor. which is a mound and pits with post in N., pit.
	The return course is therefore N. 89° 47' E.
	From the ¼ Sec. Cor. I continue. West.
80.16	To a point 15 lks. North of cor. to secs. 3, 4, 33 and 34, which is a mound and pits with post in S. E., pit.
	West. on a random line between sections 4 & 33, Variation 15° 30' East.
40.00	To a point 13 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore S. 89° 49' E.
	From the ¼ Sec. Cor. I continue. West.

S. B. T. 31 N. R. 46 W. 6th P. M.

Chains.	Retracing
79.80	To a point 12 lks. South of cor. to secs. 4, 5, 32 & 33, which is a mound and pits with post in S. E. pit. The return course is therefore N. 89° 59' E.
	West. on a random line between sections 5 & 32. Variation 15° 45' East.
40.00	To a point 8 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore N. 89° 58' E.
	(From the ¼ Sec. Cor. I continue. West.)
79.87	To Cor. to Secs. 5, 6, 31 & 32 Post and earth mound in good order The return course is therefore S. 89° 58' E.
	West. on a random line between sections 6 & 31. Variation 15° 35' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order

S. B. T. 31 N. R. 46 W. 6th P. M.

Chains.	Retracing
79.51	The Cor. to Tps. 30 & 31 N. Rs. 46 & 47 W. May 1st 1882.

W. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing
	Before proceeding ~~further~~ with the exteriors of this Tp., I made a change of 5 *minutes in the latitude arc of my solar compass by* subtracting *same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.*
	From the Cor. to Tps. 29 & 30 *N. Rs.* 45 & 46 W.,
	which is a mound and pits with post in S. E. *pit.* Iron
	South on a random line between sections 1 & 6
	Variation 15° 30' *East.*
40.04	*To* ¼ *Sec. Cor. Post and* earth *mound in good order*
80.00	*To a point* 4 *lks.* West *of cor. to secs.* 1, 6, 7 *and* 12,
	which is a mound and pits with post in S. E. *pit.*
	The return course is therefore N. 3' W.

W. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 7 & 12.
	Variation 15° 30' *East.*
41.15	*To a point* 7 *lks.* West *of* ¼ *sec. cor. which is a mound and pits with post in* E. *pit.*
	The return course is therefore N. 6' W.
	From the ¼ *Sec. Cor. I continue. South*
80.00	*To a point* 5 *lks.* West *of cor. to secs.* 7, 12, 13 *and* 18
	which is a mound and pits with post in S. E. *pit.*
	The return course is therefore N. 2' E.
	South on a random line between sections 13 & 18,
	Variation 15° 00' *East.*
39.89	*To a point* 8 *lks.* East *of* ¼ *sec. cor. which is a mound and pits with post in* E. *pit.*
	The return course is therefore N. 7' E.
	From the ¼ *Sec. Cor. I continue. South*

W. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing
79.65	To a point 8 lks. East of cor. to secs. 13, 18, 19 and 24, which is a mound and pits with post in S. E. pit.
	The return course is therefore North.
	South on a random line between sections 19 & 24. Variation 16° 00' East.
39.88	To ¼ Sec. Cor. Post and earth mound in good order
79.69	To a point 7 lks. East of cor. to secs. 19, 24, 25 and 30, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 6' E.
	South on a random line between sections 25 & 30. Variation 15° 45' East.
40.00	To a point 5 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.

W. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 4' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To Cor. to Secs. 25, 30, 31 & 36. Post and earth mound in good order
	The return course is therefore N. 4' W.
	South on a random line between sections 31 & 36. Variation 15° 40' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.00	Standard The Cor. to Tps. 29 N. Rs. 45 & 46 W. which is a mound and pits with post in E. pit.

May 2nd 1882.

7th Standard Parallel along.

S. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	East. on a random line on S. B. of Section 31.
	Variation 15° 00' East. East
40.00	*To a point 11 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.*
	The return course is therefore S. 89° 51' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	*To a point 21 lks. South of cor. to secs. 31 and 32, which is a mound and pits with post in E. pit.*
	The return course is therefore S. 89° 51' W.

S. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing
	East. on a random line on S. B. of Section 32.
	Va. 15° 00' East.
40.00	*To a point 20 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.*
	The return course is therefore S. 89° 48' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	*To a point 20 lks. South of cor. to secs. 32 and 33, which is a mound and pits with post in E. pit.*
	The return course is therefore S. 89° 58' W.
	East. on a random line on S. B. of Section 33.
	Va. 15° 0' East.
40.00	*To a point 20 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.*
	The return course is therefore S. 89° 48' W.
	From the ¼ Sec. Cor. I continue. East.

7th Standard Parallel along.

S. B. T. 29 N. R. 40 W. 6th P. M.

Chains.	Retracing
79.88	To a point 20 lks. South of cor. to secs. 33 and 34, which is a mound and pits with post in E. pit. The return course is therefore West.
	East. on a random line on S. B. of Section 34. Va. 14° 55' East.
39.90	To a point 13 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit. The return course is therefore S. 89° 49' W. From the ¼ Sec. Cor. I continue. East.
80.06	To a point 18 lks. South of cor. to secs. 34 and 35, which is a mound and pits with post in E. pit. The return course is therefore S. 89° 56' W.

7th Standard Parallel along.

S. B. T. 29 N. R. 40 W. 6th P. M.

Chains.	Retracing
	East. on a random line on S. B. of Section 35. Va. 14° 50' East.
39.80	To a point 19 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit. The return course is therefore S. 89° 44' W. From the ¼ Sec. Cor. I continue. East.
80.00	To a point 27 lks. South of cor. to secs. 35 and 36, which is a mound and pits with post in E. pit. The return course is therefore S. 89° 53' W.
	East. on a random line on S. B. of Section 36. Va. 15° 05' East.
40.00	To a point 6 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit. The return course is therefore S. 89° 55' W. From the ¼ Sec. Cor. I continue. East.

7th Standard Parallel along.

S. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing	
79.76	To a point 15 lks. South of Standard The Cor. to Tps. 29 N. Rs. 44 & 45 W. which is a mound and pits with post in E. pit. The return course is therefore S. 89° 52' W. May 3rd 1882.	

E. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing	
	North on a random line between sections 31 & 36. Variation 15° 00' East.	
39.69	To ¼ Sec. Cor. Post and earth mound in good order	
80.00	To Cor. to Secs. 25, 30, 31 & 36 Post and earth mound in good order	
	North on a random line between sections 25 & 36. Variation 15° 15' East.	
39.71	To ¼ Sec. Cor. Post and earth mound in good order	
80.00	To Cor. to Secs. 19, 24, 25 & 30 Post and earth mound in good order	
	North on a random line between sections 19 & 24. Variation 15° 10' East.	
39.85	To ¼ Sec. Cor. Post and earth mound in good order	
80.00	To Cor. to Secs. 13, 18, 19 & 24 Post and earth mound in good order	

E. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 13 & 18. Variation 15° 20' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.10	To Cor. to Secs. 7, 12, 13 & 18. Post and earth mound in good order
	North on a random line between sections 7 & 12. Variation 15° 20' East.
40.06	To ¼ Sec. Cor. Post and earth mound in good order
80.12	To Cor. to Secs. 1, 6, 7 & 12. Post and earth mound in good order
	North on a random line between sections 1 & 6. Variation 15° 20' East.
40.10	To ¼ Sec. Cor. Post and earth mound in good order
80.00	The Cor. to Tps. 29 & 30 N. Rs. 44 & 45 W. which is a Post and earth mound in good order, I carefully examined my Solar Compass today and found it correct. May 4th 1882.

W. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line between sections 1 & 36. Variation 15° 10' East.
	The true point for ¼ Sec. Cor. falls in the river, and the Cor. has never been established.
80.00	To a point 36 lks. North of cor. to secs. 1, 2, 35 and 36, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 89° ~~42~~ 45' E.
	West. on a random line between sections 2 & 35. Variation 15° 10' East.
40.10	To a point 12 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.

N. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 89° 50' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 30 lks. North of cor. to secs. 2, 3, 34 and 35,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 45' E.
	West. on a random line between sections 3 & 34, Variation 15° 15' East.
40.15	To a point 20 lks. North of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 43' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 28 lks. North of cor. to secs. 3, 4, 33 and 34,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 58' E.

N. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 4 & 33, Variation 15° 15' East.
40.00	To a point 25 lks. North of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 39' E.
	From the ¼ Sec. Cor. I continue. West.
79.91	To a point 34 lks. North of cor. to secs. 4, 5, 32 and 33,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 52' E.
	West. on a random line between sections 5 & 32, Variation 15° 15' East.
40.00	To a point 21 lks. North of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 42' E.
	From the ¼ Sec. Cor. I continue. West.

W. B. T. 29 N. R. 45 W. 6th P. M.

Chains.	Retracing
79.85	To a point 30 lks. North of cor. to secs. 5, 6, 31 and 32, which is a mound and pits with post in S. E. pit. The return course is therefore N. 89° 52' E.
	West. on a random line between sections 6 & 31. Variation 15° 05' East.
40.00	To a point 15 lks. North of ¼ sec. cor. which is a mound and pits with post in W. pit. The return course is therefore N. 89° 47' E.
	From the ¼ Sec. Cor. I continue. West.
80.16	To a point 29 lks. North of The Cor. to Tps. 29 & 30 N. Rs. 45 & 46 W. The return course is therefore N. 89° 48' E.
	May 5th 1882.

W. B. T. 31 N. R. 44 W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 29 & 31 N. Rs. 44 & 45 W. I run,
	North on a random line between sections 31 & 36. Variation 15° 10' East.
40.15	To ¼ Sec. Cor. Post and earth mound in good order
80.21	To a point 15 lks. East of cor. to secs. 25, 30, 31 and 36, which is a mound and pits with post in S. E. pit. The return course is therefore S. 13' E.
	North on a random line between sections 25 & 30. Variation 15° 20' East.
40.10	To a point 5 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit. The return course is therefore S. 4' E.
	From the ¼ Sec. Cor. I continue. North
80.15	To a point 7 lks. East of cor. to secs. 19, 24, 25 and 30

W. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 2' E.
	North on a random line between sections 19 & 24.
	Variation 15° 10' East.
40.00	To a point 12 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 10' E.
	From the ¼ Sec. Cor. I continue. North
80.00	To a point 19 lks. East of cor. to
	secs. 13, 18, 19 and 24,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 6' E.

W. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 13 & 18
	Variation 15° 10' East.
40.00	To a point 13 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 11' E.
	From the ¼ Sec. Cor. I continue. North
80.00	To a point 24 lks. East of cor. to
	secs. 7, 12, 13 and 18,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 9' E.
	North on a random line between sections 7 & 12,
	Variation 15° 15' East.
39.90	To a point 15 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 13' E.
	From the ¼ Sec. Cor. I continue. North

W. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
79.90	To a point 15 lks. East of cor. to secs. 1, 6, 7 and 12, which is a mound and pits with post in S. E. pit.
	The return course is therefore South.
	North on a random line between sections 1 & 6. Variation 15°10' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.10	The Cor. to Tps. 30 & 31 N. Rs. 44 & 45 W. which is a mound and pits with post in S. E. pit.
	May 6th 1882.

W. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	East. on a random line between sections 6 & 31 Variation 15°00' East.
40.50	To a point 20 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 43' W.
	From the ¼ Sec. Cor. I continue. East.
80.41	To a point 25 lks. North of cor. to secs. 5, 6, 31 and 32, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 56' W.

M. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 5 & 32. Variation 15° 00' East.
39.90	To a point 12 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 50' W.
	From the ¼ Sec. Cor. I continue. East.
79.82	To a point 22 lks. North of cor. to secs. 4, 5, 32 and 33, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 51' W.
	East. on a random line between sections 4 & 33. Variation 15° 00' East.
39.90	To ¼ Sec. Cor. which is a mound and pits with post in M. pit.
79.69	To a point 15 lks. North of cor. to secs. 3, 4, 33 and 34,

M. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 47' W.
	East. on a random line between sections 3 & 34. Variation 15° 20' East.
40.00	To a point 15 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 47' W.
	From the ¼ Sec. Cor. I continue. East.
79.89	To a point 27 lks. North of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 50' W.
	East. on a random line between sections 2 & 35. Variation 15° 25' East.
40.00	To a point 18 lks. North of ¼ sec. cor.

Mt. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	which is a mound and pits
	with post in M. pit.
	The return course is therefore N. 89° 45' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To a point 18 lks. North of cor. to
	secs. 1, 2, 35 and 36,
	which is a mound and pits
	with post in S. E. pit.
	The return Course will therefore be West
	East. on a random line between sections 1 & 36.
	Variation 15° 30' East.
40.00	To a point 17 lks. North of ¼ sec. cor.
	which is a mound and pits
	with post in M. pit.
	The return course is therefore N. 89° 45' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To a point 24 lks. North of the
	The Cor. to Tps. 30 & 31 N. Rs. 43 & 44 W.
	which is a mound and pits
	with post in S. E. pit.

Mt. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 89° 54' W.
	May 8th 1882.

E. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 1 & 6, Variation 15° 30' East.
39.90	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To Cor. to Secs. 1, 6, 7 & 12, Post and earth mound in good order
	South on a random line between sections 7 & 12, Variation 15° 40' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.12	To Cor. to Secs. 7, 12, 13 & 18. Post and earth mound in good order
	South on a random line between sections 13 & 18. Variation 15° 15' East.
39.82	To ¼ Sec. Cor. Post and earth mound in good order
80.10	To Cor. to Secs. 13, 18, 19 & 24, Post and earth mound in good order

E. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 19 & 24, Variation 15° 25' East.
39.71	To a point 5 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 4' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 12 lks. East of cor. to secs. 19, 24, 25 & 30, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 6' E.
	South on a random line between sections 25 & 30, Variation 15° 35' East.
40.00	To a point 7 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 6' E.
	From the ¼ Sec. Cor. I continue. South

E. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
80.00	To a point 4 lks. East of cor. to secs. 25, 30, 31 and 36,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore N. 3' W.
	South on a random line between sections 31 & 36.
	Variation 15° 30' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.00	The Cor. to Tps. 29 & 30 N. Rs. 43 & 44 W.
	which is a mound and pits
	with post in S. E. pit.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	May 9th 1882.

S. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line between sections 1 & 36.
	Variation 15° 30' East.
39.90	To a point 10 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in M. pit.
	The return course is therefore S. 84° 51' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 37 lks. South of cor. to secs. 1, 2, 35 and 36,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 84° 37' E.

S. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 2 & 35. Variation 15° 35' East.
39.76	To a point 12 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 50' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 30 lks. South of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 40' E.
	West. on a random line between sections 3 & 34, Variation 15° 35' East.
39.71	To a point 20 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 87° 48' E.
	From the ¼ Sec. Cor. I continue. West.

S. B. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
79.62	To a point 25 lks. South of cor. to secs. 3, 4, 33 and 34, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 56' E.
	West. on a random line between sections 4 & 33. Variation 15° 31' East.
39.79	To a point 14 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 48' E.
	From the ¼ Sec. Cor. I continue. West.
79.71	To a point 29 lks. South of cor. to secs. 4, 5, 32 and 33, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 47' E.

S. 13. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 5 & 32.
	Variation 15° 35' East.
40.00	To a point 7/8 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in M. pit.
	The return course is therefore S. 89° 42' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 40 lks. South of cor. to
	secs. 5, 6, 31 and 32,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 89° 44' E.
	West. on a random line between sections 6 & 31.
	Variation 15° 25' East.
40.00	To a point 10 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in M. pit.
	The return course is therefore S. 89° 51' E.
	From the ¼ Sec. Cor. I continue. West.

S. 13. T. 30 N. R. 44 W. 6th P. M.

Chains.	Retracing
80.30	To a point 35 lks. South of
	The Cor. to Tps. 29 & 30 N. Rs. 44 & 45 W.
	The return course is therefore S. 89° 39' E.
	May 10th 1882.

E. 13. T. 29 N. R. 44 W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 29 & 30 N. Rs. 43 & 44 W., I run,
	South on a random line between sections 1 & 6. Variation 15° 30' East.
40.10	To a point 6 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 5' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 17 lks. East of cor. to secs. 1, 6, 7 and 12, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 9' E.
	South on a random line between sections 7 & 12, Variation 15° 30' East.
40.05	To a point 10 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.

E. 13. T. 29 N. R. 44 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 9' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 14 lks. East of cor. to secs. 7, 12, 13 and 18, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 3' E.
	South on a random line between sections 13 & 18. Variation 15° 35' East.
40.12	To a point 3 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 3' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 9 lks. West of cor. to secs. 13, 18, 19 and 24 which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 10' W.

E. B. T. 29 N. R. 44 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 19 & 24. Variation 15° 20' East.
40.15	To a point 7 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 6' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 12 lks. East of cor. to secs. 19, 24, 25 and 30, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 4' E.
	South on a random line between sections 25 & 30. Variation 15° 15' East.
40.30	To a point 4 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 3' E.
	From the ¼ Sec. Cor. I continue. South

E. B. T. 29 N. R. 44 W. 6th P. M.

Chains.	Retracing
80.25	To a point 17 lks. East of cor. to secs. 25, 30, 31 and 36, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 11' E.
	South on a random line between sections 31 & 36. Variation 15° 15' East.
39.80	To a point 9 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 8' E.
	From the ¼ Sec. Cor. I continue. South
79.51	To a point 13 lks. East of Standard Cor. to Tps. 29 N. Rs. 43 & 44 W. which is a mound and pits with post in E. pit.
	The return course is therefore N. 3' E.

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

May 11th 1882.

7th Standard Parallel along.

S. B. T. 29 N. R. 44 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line on S. B. of Section 36, **Va. 15°10' East.**
40.00	*To a point 21 lks. North of ¼ sec. cor. which is a mound and pits with post in M, pit.*
	The return course is therefore N. 89°42' E.
	From the ¼ Sec. Cor. I continue. West.
80.07	*To a point 30 lks. North of cor. to secs. 35 and 36, which is a mound and pits with post in E, pit.*
	The return course is therefore N. 89°52' E.

7th Standard Parallel along.

S. B. T. 29 N. R. 44 W. 6th P. M.

Chains.	Retracing
	West. on a random line on S. B. of Section 35. **Va. 15°10' East.**
40.00	*To a point 16 lks. North of ¼ sec. cor. which is a mound and pits with post in M, pit.*
	The return course is therefore N. 89°45' E.
	From the ¼ Sec. Cor. I continue. West.
79.85	*To a point 25 lks. North of cor. to secs. 34 and 35, which is a mound and pits with post in E, pit.*
	The return course is therefore N. 89°54' E.
	West. on a random line on S. B. of Section 34, **Va. 15°15' East.**
40.13	*To a point 15 lks. North of ¼ sec. cor. which is a mound and pits with post in M, pit.*
	The return course is therefore N. 89°47' E.
	From the ¼ Sec. Cor. I continue. West.

7th Standard Parallel along.

S. B. T. 29 N. R. 44 W. 6th P. M.

Chains.	Retracing
80.00	To a point 20 lks. North of cor. to secs. 33 and 34, which is a mound and pits with post in E. pit.
	The return course is therefore N. 89° 56' E.
	West. on a random line on S. B. of Section 33. Va. 15° 0' East.
39.86	To a point 10 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 51' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 29 lks. North of cor. to secs. 32 and 33, which is a mound and pits with post in E. pit.
	The return course is therefore N. 89° 44' E.

7th Standard Parallel along.

S. B. T. 29 N. R. 44 W. 6th P. M.

Chains.	Retracing
	West. on a random line on S. B. of Section 32. Va. 14° 50' East.
39.90	To a point 12 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 87° 50' E.
	From the ¼ Sec. Cor. I continue. West.
80.10	To a point 33 lks. North of cor. to secs. 31 and 32, which is a mound and pits with post in E. pit.
	The return course is therefore N. 89° 42' E.
	West. on a random line on S. B. of Section 31. Va. 14° 50' East.
39.88	To a point 14 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 48' E.
	From the ¼ Sec. Cor. I continue. West.

7th Standard Parallel along.

S. B. T. 29 N. R. 44 W. 6th P. M.

Ch Chains.	Retracing
80. 15	To a point 30 lks. North of Standard The Cor. to Tps. 29 N. Rs. 44 & 45 W.
	The return course is therefore N. 89° 46' E.
	May 12th 1882.

7th Standard Parallel along.

S. B. T. 29 N. R. 43 W. 6th P. M.

Chains.	Retracing
	From the Standard Cor. to Tps. 29 N. Rs. 43 & 44 W., I run,
	East. on a random line on S. B. of Section 31. Va. 15° 10' East.
39. 75	To a point 7 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore N. 89° 54' W.
	From the ¼ Sec. Cor. I continue. East.
79. 77	To a point 17 lks. North of cor. to secs. 31 and 32 which is a mound and pits with post in E. pit.
	The return course is therefore N. 89° 51' W.
	East. on a random line on S. B. of Section 32. Va. 15° 10' East.
39. 70	To a point 14 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit.

7th Standard Parallel along.

S. B. T. 24 N. R. 43 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 89° 48' W.
	From the ¼ Sec. Cor. I continue. East.
79.61	To a point 15 lks. North of cor. to secs. 32 and 33,
	which is a mound and pits
	with post in E. pit.
	The return course is therefore N. 89° 59' W.
	East. on a random line on S. B. of Section 33.
	Va. 14° 55' East.
40.00	To a point 13 lks. North of ¼ sec. cor.
	which is a mound and pits
	with post in M. pit.
	The return course is therefore N. 89° 49' W.
	From the ¼ Sec. Cor. I continue. East.
79.84	To a point 13 lks. North of cor. to secs. 33 and 34,
	which is a mound and pits
	with post in E. pit.
	The return course is therefore N.

7th Standard Parallel along.

S. B. T. 24 N. R. 43 W. 6th P. M.

Chains.	Retracing
	East. on a random line on S. B. of Section 34.
	Va. 14° 55' East.
40.00	To a point 8 lks. North of ¼ sec. cor.
	which is a mound and pits
	with post in M. pit.
	The return course is therefore N. 89° 53' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To a point 18 lks. North of cor. to secs. 34 and 35,
	which is a mound and pits
	with post in E. pit.
	The return course is therefore N. 89° 51' W.
	East. on a random line on S. B. of Section 35.
	Va. 15° 00' East.
39.87	To a point 9 lks. South of ¼ sec. cor.
	which is a mound and pits
	with post in M. pit.
	The return course is therefore S. 89° 52' W.
	From the ¼ Sec. Cor. I continue. East.

Standard Parallel along.

S. B. T. 29 N. R. 43 W. 6th P. M.

Chains.	Retracing
80.00	To a point 12 lks. North of cor. to secs. 35 and 36,
	which is a mound and pits
	with post in E. pit.
	The return course is therefore N. 89° 42' W.
	East. on a random line on S. B. of Section 36.
	Va. 15° 00' East.
39.90	To a point 6 lks. North of ¼ sec. cor.
	which is a mound and pits
	with post in M. pit.
	The return course is therefore N. 89° 55' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To a point 17 lks. North of Standard Cor. to Tps. 29 N. Rs. 42 & 43 W.,
	which is a mound and pits
	with post in E. pit.
	The return course is therefore N. 89° 51' W.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	May 13th 1882.

E. B. T. 29 N. R. 43 W. 6th P. M.

Chains.	Retracing
	E. B. by
	North on a random line between sections 31 & 36
	Variation 15° 05' East.
40.20	To ¼ Sec. Cor. Post and earth mound in good order
80.37	To Cor. to Secs. 25, 30, 31 & 36 Post and earth mound in good order
	North on a random line between sections 25 & 30.
	Variation 15° 15' East.
40.00	To a point 5 lks. East of ¼ sec. cor.
	which is a mound and pits
	with post in E. pit.
	The return course is therefore S. 4' E.
	From the ¼ Sec. Cor. I continue. North
79.67	To a point 7 lks. West of cor. to secs. 19, 24, 25 and 30,
	which is a mound and pits
	with post in S. E. pit.
	The return course is therefore S. 10' W.

E. B. T. 29 N. R. 43 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 19 & 24, Variation 15° 15' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To a point 8 lks. East of cor. to secs. 13, 18, 19 and 24, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 7' E.
	North on a random line between sections 13 & 18, Variation 15° 15' East.
39.77	To ¼ Sec. Cor. Post and earth mound in good order
80.10	To a point 19 lks. West of cor. to secs. 7, 12, 13 and 18, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 16' W.

E. B. T. 29 N. R. 43 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 7 & 12, Variation 14° 58' East.
39.65	To a point 7 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 6' E.
	From the ¼ Sec. Cor. I continue. North
79.69	To a point 4 lks. West of cor. to secs. 1, 6, 7 and 12, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 9' W.
	North on a random line between sections 1 & 6, Variation 14° 58' East.
40.13	To a point 7 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 6' E.
	From the ¼ Sec. Cor. I continue. North

E. B. T. 29 N. R. 43 W. 6th P. M.

Chains.	Retracing
80.28	The Cor. to Tps. 29 & 30 N. Rs. 42 & 43 W. which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 6' W.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	May 18th 1882.

M. B. T. 29 N. R. 43 W. 6th P. M.

Chains.	Retracing
	N B day
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line between sections 1 & 36.
	Variation 15° 25' East.
40.00	To a point 18 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore S. 89° 45' E.
	From the ¼ Sec. Cor. I continue. West.
80.10	To a point 25 lks. South of cor. to secs. 1, 2, 35 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 54' E.

M. B. T. 29 N. R. 43 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 2 & 35. Variation 15° 25' East.
40.13	To a point 7 lks. South of ¼ sec. cor, which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 54' E.
	From the ¼ Sec. Cor. I continue. West.
80.05	To a point 20 lks. South of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 49' E.
	West. on a random line between sections 3 & 34, Variation 15° 20' East.
40.00	To a point 5 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 53' E.
	From the ¼ Sec. Cor. I continue. West.

M. B. T. 29 N. R. 43 W. 6th P. M.

Chains.	Retracing
79.87	To a point 19 lks. South of cor. to secs. 3, 4, 33 and 34, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 48' E.
	West. on a random line between sections 4 & 33, Variation 15° 35' East.
40.00	To a point 20 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 48' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 24 lks. South of cor. to secs. 4, 5, 32 and 33, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 57' E.

M. B. T. 29 N. R. 43 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 5 & 32, Variation 15° 25' East.
40.00	To a point 12 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 58' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 18 lks. South of cor. to secs. 5, 6, 31 and 32, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 55' E.
	West. on a random line between sections 6 & 31, Variation 15° 15' East.
40.00	To a point 5 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 56' E.
	From the ¼ Sec. Cor. I continue.

M. B. T. 29 N. R. 43 W. 6th P. M.

Chains.	Retracing
78.43	To a point 20 lks. South of The Cor. to Tps. 29 & 30 N. Rs. 43 & 44 W.
	The return course is therefore S. 89° 47' E.
	May 16th 1882.

E. B. T. 30 N. R. 43 W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 29 & 30 N. Rs. 42 & 43 W, I run,
	North on a random line between sections 31 & 36, Variation 15° 25' East.
40.00	To a point 9 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore S. 8' E.
	From the ¼ Sec. Cor. I continue. North
79.69	To a point 16 lks. East of cor. to secs. 25, 30, 31 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 6' E.
	North on a random line between sections 25 & 30, Variation 15° 30' East.
40.00	To a point 14 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.

E. B. T. 30 N. R. 43 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 12' E.
	From the ¼ Sec. Cor. I continue. North
79.92	To a point 14 lks. East of cor. to secs. 19, 24, 25 and 30, which is a mound and pits with post in S. E. pit.
	The return course is therefore, South.
	North on a random line between sections 19 & 24, Variation 15° 15' East.
40.08	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To Cor. to Secs. 13, 18, 19 & 24, Post and earth mound in good order
	North on a random line between sections 13 & 18. Variation 15° 00' East.
40.20	To a point 12 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.

E. B. T. 30 N. R. 43 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 10' W.
	From the ¼ Sec. Cor. I continue. North
80.15	To a point 13 lks. West of cor. to secs. 7, 12, 13 and 18,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 1' W.
	North on a random line between sections 7 & 12. Variation 15° 00' East.
40.00	To a point 7 lks. West of ¼ sec. cor.
	which is a mound and pits with post in E. pit.
	The return course is therefore S. 6' W.
	From the ¼ Sec. Cor. I continue. North
80.21	To a point 18 lks. West of cor. to secs. 1, 6, 7 and 12,
	which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 9' W.

E. B. T. 30 N. R. 43 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 1 & 6. Variation 14° 50' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To a point 12 lks. West of The Cor. to Tps. 30 & 31 N. Rs. 42 & 43 W.
	which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 10' W.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	May 17th 1882.

U. B. T. 30 N. R. 43 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line between sections 1 & 36.
	Variation 15° 10' East.
39.80	To a point 15 lks. South of ¼ sec. cor. which is a mound and pits with post in M, pit.
	The return course is therefore S. 89° 47' E.
	From the ¼ Sec. Cor. I continue. West.
80.00 Give distance to the River!	The point for Cor. to Secs. 1, 2, 35 and 36 falls in the river, and consequently the Cor. has never been established.

M. B. T. 30 N. R. 43 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 2 & 35.
	Variation 15° 20' East.
2.25	Wit. Cor. to Secs 1 & 2, 35 & 36.
40.06	To a point 7 lks. North of ¼ sec. cor. which is a mound and pits with post in M, pit.
	The return course is therefore U. 89° 54' E.
	From the ¼ Sec. Cor. I continue. West.
80.04	To a point 12 lks. North of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S. E. pit.
	The return course is therefore U. 89° 56' E.
	West. on a random line between sections 3 & 34,
	Variation 15° 20' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
79.85	To a point 19 lks. North of cor. to secs. 3, 4, 33 and 34, which is a mound and pits with post in S. E. pit.

M. B. T. 30 N. R. 43 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 89° 44' E.
	West. on a random line between sections 4 & 33. Variation 15° 05' East.
40.10	To a point 5 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 56' E,
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 15 lks. North of cor. to secs. 4, 5, 32 and 33, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 89° 43' E.
	West. on a random line between sections 5 & 32 Variation 14° 20' East.
40.15	To a point 7 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.

M. B. T. 30 N. R. 43 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 89° 54' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 13 lks. North of cor. to secs. 5, 6, 31 and 32, which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 89° 55' E.
	West. on a random line between sections 6 & 31. Variation 14° 50' East.
40.00	To a point 15 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 47' E.
	From the ¼ Sec. Cor. I continue. West.
79.00	To a point 20 lks. North of The Cor. to Tps. 30 & 31 N. Rs. 43 & 44 W.
	The return course is therefore N. 89° 56' E.
	May 18th 1882.

M. B. T. 30 N. R. 42 W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 30 & 31 N. Rs. 42 & 43 W, I run,
	East. on a random line between sections 6 & 31. Variation 15° 10' East.
37.19	To a point 7 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 54' W.
	From the ¼ Sec. Cor. I continue. East.
77.12	To a point 10 lks. South of cor. to secs. 5, 6, 31 and 32, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 57' W.
	East. on a random line between sections 5 & 32. Variation 15° 10' East.
39.90	To a point 8 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.

M. B. T. 30 N. R. 42 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 89° 53' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To a point 5 lks. South of cor. to secs. 4, 5, 32 and 33, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 49' W.
	East. on a random line between sections 4 & 33. Variation 15° 25' East.
39.77	To ¼ Sec. Cor. Post and earth mound in good order
80.00	To a point 14 lks. South of cor. to secs. 3, 4, 33 and 34, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 48' W.

M. B. T. 30 N. R. 42 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 3 & 34. Variation 14° 50' East.
40.13	To a point 13 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 49' W.
	From the ¼ Sec. Cor. I continue. East.
80.06	To a point 13 lks. South of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S. E. pit.
	East. on a random line between sections 2 & 35. Variation 14° 50' East.
40.00	To a point 8 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 58' W.
	From the ¼ Sec. Cor. I continue. East.

M. B. T. 30 N. R. 42 W. 6th P. M.

Chains.	Retracing
79.84	To a point 9 lks. South of cor. to secs. 1, 2, 35 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 45' W.
	East. on a random line between sections 1 & 36. Variation 14° 45' East.
40.00	To a point 13 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 49' W.
	From the ¼ Sec. Cor. I continue. East.
80.00	To a point 15 lks. South of The Cor. to Tps. 30 & 31 N. Rs. 41 & 42 W. which is a mound and pits with post in S. E. pit.
	The return course is therefore S. 89° 58' W.

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

May 19th 1882.

E. B. T. 30 N. R. 42 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 1 & 6. Variation 15° 00' East.
39.77	To a point 5 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 4' E.
	From the ¼ Sec. Cor. I continue. South
79.92	To a point 4 lks. West of cor. to secs. 1, 6, 7 and 12, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 8' W.
	South on a random line between sections 7 & 12. Variation 15° 10' East.
40.00	To a point 16 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 14' E.
	From the ¼ Sec. Cor. I continue. South

E. B. T. 30 N. R. 42 W. 6th P. M.

Chains.	Retracing
79.89	To a point 16 lks. East of cor. to secs. 7, 12, 13 and 18, which is a mound and pits with post in S. E. pit.
	South on a random line between sections 13 & 18. Variation 15° 25' East.
40.00	To a point 4 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 3' W.
	From the ¼ Sec. Cor. I continue. South
80.09	To a point 15 lks. West of cor. to secs. 13, 18, 19 and 24, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 9' W.

E. B. T. 30 N. R. 42 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 17 & 24, Variation 15° 25' East.
40.13	To a point 9 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 8' E.
	From the ¼ Sec. Cor. I continue. South
80.14	To Cor. to Secs. 19, 24, 25 & 30. Post and earth mound in good order
	The return course is therefore N. 8' W.
	South on a random line between sections 25 & 30, Variation 15° 20' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.05	To Cor. to Secs. 25, 30, 31 & 36. Post and earth mound in good order
	South on a random line between sections 31 & 36. Variation 16° 10' East.
39.90	To a point 5 lks. East of ¼ sec. cor.

E. B. T. 30 N. R. 42 W. 6th P. M.

Chains.	Retracing
	which is a mound and pits with post in E. pit.
	The return course is therefore N. 4' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 10 lks. East of The Cor. to Tps. 29 & 30 N. Rs. 41 & 42 W. which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 4' E.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	May 20th 1882.

N. B. T. 29 N. R. 42 W. 6th P. M.

Chains.	Retracing
	Before proceeding ~~further~~ with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line between sections 1 & 36, Variation 15° 05' East.
39.82	To a point 13 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 49' E.
	From the ¼ Sec. Cor. I continue. West.
79.88	To a point 17 lks. North of cor. to secs. 1, 2, 35 and 36, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 57' E.

N. B. T. 29 N. R. 42 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 2 & 35. Variation 15° 00' East.
40.00	To a point 5 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 56' E.
	From the ¼ Sec. Cor. I continue. West.
79.92	To a point 22 lks. North of cor. to secs. 2, 3, 34 and 35, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 89° 45' E.
	West. on a random line between sections 3 & 34. Variation 15° 00' East.
39.89	To a point 8 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89° 53' E.
	From the ¼ Sec. Cor. I continue. West.

M.B. T.29N. R.42W. 6th P. M.

Chains.	Retracing
79.79	To a point 12 lks. North of cor. to secs. 3, 4, 33 and 34, which is a mound and pits with post in S.E. pit. The return course is therefore N. 87° 57' E.
	West. on a random line between sections 4 & 33, Variation 15° 10' East
39.90	To a point 16 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore N. 89° 46' E. From the ¼ Sec. Cor. I continue. West.
79.90	To a point 24 lks. North of cor. to secs. 4, 5, 32 and 33, which is a mound and pits with post in S.E. pit. The return course is therefore N. 89° 58' E.

M.B. T.29N. R.42W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 5 & 32, Variation 15° 20' East.
39.88	To a point 18 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore N. 89° 45' E. From the ¼ Sec. Cor. I continue. West.
79.77	To a point 18 lks. North of cor. to secs. 5, 6, 31 and 32, which is a mound and pits with post in S.E. pit. The return course is therefore East
	West. on a random line between sections 6 & 31, Variation 15° 25' East.
40.00	To a point 10 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore N. 89° 51' E. From the ¼ Sec. Cor. I continue. West.

M. B. T. 29 N. R. 42 W. 6th P. M.

Chains.	Retracing
80.15	To a point 23 lks. North of the The Cor. to Tps. 29 & 30 N. Rs. 42 & 43 W. The return course is therefore N. 89° 49' E. May 22nd 1882.

E. B. T. 29 N. R. 42 W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 29 & 30 N. Rs. 41 & 42 W., I run,
	South on a random line between sections 1 & 6, Variation 15° 00' East.
40.00	To a point 13 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 11' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 5 lks. East of cor. to secs. 1, 6, 7 and 12, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 7' W.
	South on a random line between sections 7 & 12, Variation 14° 50' East.
40.12	To a point 10 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.

E. B. T. 29 N. R. 42 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 9' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 18 lks. East of cor. to secs. 7, 12, 13 and 18, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 7' E.
	South on a random line between sections 13 & 18. Variation 14° 50' East.
40.15	To a point 4 lks. East of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 3' E.
	From the ¼ Sec. Cor. I continue. South
80.00	To a point 7 lks. East of cor. to secs. 13, 18, 19 and 24, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 3' E.

E. B. T. 29 N. R. 42 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 19 & 24, Variation 15° 10' East.
39.95	To a point 8 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.
	The return course is therefore N. 7' W.
	From the ¼ Sec. Cor. I continue. South
80.10	To a point 14 lks. West of cor. to secs. 19, 24, 25 and 30, which is a mound and pits with post in S. E. pit.
	The return course is therefore N. 5' W.
	South on a random line between sections 25 & 30. Variation 15° 15' East.
39.91	To ¼ Sec. Cor. Post and earth mound in good order
79.78	To Cor. to Secs. 25, 30, 31 & 36 Post and earth mound in good order

E. B. T. 29 N. R. 42 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 31 & 36. Variation 15° 00' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.00	Standard The Cor. to Tps. 29 N. Rs. 41 & 42 W. which is a mound and pits with post in E. pit.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	May 23rd 1882.

7th Standard Parallel along.

S. B. T. 29 N. R. 42 W. 6th P. M.

Chains.	Retracing
	Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.
	West. on a random line on S. B. of Section 36. Va. 15° 00' East.
40.13	To a point 5 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore S. 89° 56' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To Cor. to Secs. 35 & 36. Post and earth mound in good order
	The return course is therefore N. 89° 56' E.
	West. on a random line on S. B. of Section 35 Va. 15° 00' East.
40.07	To ¼ Sec. Cor. Post and earth mound in good order

7th Standard Parallel along.

S.B. T. 29 N. R. 42 W. 6th P. M.

Chains.	Retracing
80.00	To Cor. to Secs. 34 and 35. Post and earth mound in good order
	West. on a random line on S. B. of Section 34. Va. 15°05' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
79.85	To a point 10 lks. South of cor. to secs. 33 and 34, which is a mound and pits with post in E. pit.
	The return course is therefore S. 89°51' E.
	West. on a random line on S. B. of Section 33. Va. 15°10' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
79.71	To a point 5 lks. South of cor. to secs. 32 and 33, which is a mound and pits with post in E. pit.

S.B. T. 29 N. R. 42 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 89°56' E.
	West. on a random line on S. B. of Section 32. Va. 15°00' East.
39.85	To a point 8 lks. North of ¼ sec. cor. which is a mound and pits with post in M. pit.
	The return course is therefore N. 89°53' E.
	From the ¼ Sec. Cor. I continue. West.
80.00	To a point 6 lks. North of cor. to secs. 31 and 32, which is a mound and pits with post in E. pit.
	The return course is therefore S. 89°58' E.
	West. on a random line on S. B. of Section 31. Va. 15°00' East.
39.80	To a point 5 lks. South of ¼ sec. cor. which is a mound and pits with post in M. pit.

7th Standard Parallel along.

S.B. T. 29 N. R. 42 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 89° 56' E.
	From the ¼ Sec. Cor. I continue. West.
79.91	To a point 11 lks. South of Standard
	The Cor. to Tps. 29 N. Rs. 42 & 43 W.
	The return course is therefore S. 89° 58' E.

May 24th 1882.

Running Water Neb. March 20/83

Hon Geo. S. Smith
U. S. Surv. General, Plattsmouth Neb

Sir. In reply to your communication asking why I retraced the Exterior lines of my work under my Contract dated Nov 10th 1881, I will say that I found it absolutely necessary to retrace the Exterior lines before commencing work, as very many of the corners were so nearly obliterated that they could not be found except by retracing the lines. I re-built all the old corners, digging out the pits and making the mound over and it made me much more work than if I had run the lines originally as I had more or less difficulty in searching for the old corners, therefore I think I ought to be paid for the retracings. Yours very Respectfully

D. F. Hickey Deputy Surv.

U. S. Surveyor General's Office
Plattsmouth Dec. 18-1882

The foregoing field Notes of the Re-survey of the Exterior lines of Township 29 North, Ranges 42. 43 44 45. 49. 50 & 51. Township 30 North Ranges 42. 43. 44. 48 & 51 West. Township 31 North Ranges 46. 47 & 48 West & Township 32 North, Ranges 46. 47 & 48 West of the Principal Base & Meridian in Nebraska, Executed by D. F. Hickey U. S. Deputy Surveyor under his Contract No 4 Dated Nov 10th 1881, in the months of March April & May 1882. having been critically Examined, the necessary Corrections & Explanations made, the said field Notes & the surveys they describe are hereby approved

Geo. S. Smith
Surveyor General

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.