General Land Office • Original Field Notes

Book Number

760

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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.

Field Notes
of
Retracements of
Exterior lines
of

Tps 27 N R. 33 W.
" 28 " R. 33, 34 & 35 W.
" 29 " R. 32, 33, 34, 35, 36 & 37 W
" 30 " R. 35 W.

Executed by
E. A. Carter Deputy Surveyor
under his Contract No. 11
Dated July 19th 1882

INDEX NO. 1.

For INDEX NO. 2 pg. 171

" INDEX NO. 3 pg. 211

T. 29 R. 37 — T. 29 R. 36 — T. 29 R. 35 — T. 29 R. 34 — T. 29 R. 33 — T. 29 R. 32

7th STANDARD PARALLEL N.

T. 28 R. 34 — T. 28 R. 33

GUIDE MERIDIAN

4th

T. 27 R. 33

B. Harvey

do solemnly swear that we will well and faithfully execute the

Preliminary Oaths of Assistants.

I, Ira Stearns, do solemnly swear that I will well and truly perform the duties of compassman, according to instructions given me, and to the best of my skill and ability, in the survey of the retracing of the Exterior lines of T. 27 N. R 33 W T. 28 N. Rs 33. 34. 35 W. T. 29 N R 32. 33, 34, 35 & 37 W & T. 30 N R 35 W 6 & P. M

Ira Stearns, Compassman.

Subscribed and sworn to before me this 1st day of August, 188 2

Ch. Putnam
NOTARY PUBLIC.

We Milton Campbell and J. B. Caph, do solemnly swear that we will well and faithfully execute the

6

duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the retracing of the Exterior lines of T. 27 N. R. 33 W. T. 28 N. Rs 33. 34. & 35 W. T. 29 N. R 32 W. 33. 34. 35 & 37 W & T. 30 N R 35 W 6th P. M

Milton Campbell, Chainman.

James R. Cap, Chainman.

....., Chainman.

....., Chainman.

Subscribed and sworn to before me this 1st day of August, 1882

G. Putnam

NOTARY PUBLIC.

C

We, ...

and .....,

do solemnly swear that we will well and truly perform the duties of axemen, in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of .....

Milton Campbell

James R. Cap, Axeman.

....., Axeman.

Subscribed and sworn to before me this .....

day of ....., 188 August

Survey made with Burt's Patent Improved Solar Compass, nearly new and in first rate order. Made by W. & L. E. Gurley of Troy, N. Y. in 1881.

This instrument was examined and compared by me with the true meridian at Cheyenne, Wyoming on the 19th day of July, 1882 and found to be in perfect adjustment.

On the 5th day of August 1882, I set my instrument at the cor. to Tps. 26 and 27 N., Rs. 32 and 33 W., carefully examined it in all its adjustments, particularly the latitude and sweeping apparatus and found it correct. I also further tested instrument by sensing. I took the latitude and found it to be 42°15' N.

E. boundary T. 27 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	From the cor. to Tps. 26 & 27 N., Rs. 32 & 33 W., which is a post with earth mound and pits, which I clean in good order, I run North on a random line, bet. secs. 31 & 36. Va. 14° 08' East.
40.00	To sec 1/4 sec. cor, which is a post in earth mound, with pits, which I clean in good order.
80.00	To cor. to secs 25, 30, 31 & 36, which is a post in earth mound, with pits, which I clean in good order.
	North, on a random line, bet. secs. 25 & 30. Va. 14° 08' East.
40.00	Found no trace of sec 1/4 sec. cor.
79.96	To a point 11 lks. E. of sec cor. to secs. 19, 24, 25 & 30, which is a post in earth mound with pits, which I clean in good order.
	Thence I run

E. boundary T. 27 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	S 5' E. on a true line, bet. secs. 25 & 30. Va. 14° 08' East.
39.98	Set a post, 3 ft. long, 3 ins. square, with charred stake, 12 ins. in the ground, for 1/4 sec. cor, marked 1/4 S on W. face, dug pits 18 x 18 x 12 ins. N. & S. of post, 5 1/2 ft. dist, & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, around post.
79.96	The cor. to secs. 25, 30, 31 & 36.
	From the cor. to secs. 19, 24, 25 & 30, I run North on a random line, bet secs. 19 & 24. Va. 14° 08' East.
40.00	After diligent search, being unable to find sec 1/4 sec. cor, I set temporary 1/4 sec. cor.
80.00	Found no trace of sec cor to secs. 18, 15, 19 & 24. Set temporary sec. cor.
119.84	To a point 23 lks. E. of sec 1/4 sec. cor., which is a post, in earth mound, with pits, which I clean

Chains	Retracing
	in good order; thence I run S. 7 E. on a true line, bet. secs. 18 & 18. Va. 14° 08' East
39.94	Set a post, 4 ft. long, 4 ins. square, with charred stake, 12 ins. in the ground, for cor. to secs. 13, 18, 19 & 24, marked T. 27 N., R. 32 W., S. 19 on S. E. R. 33 W., S. 24 on S. W. & S. 13 on N. W. faces, with 3 notches on N. & S. edges, dug pits 18 × 18 × 12 ins. in each sec., 5½ ft. dist., and raised a mound of earth, 2 ft. high, 4½ ft. base, around post.
	Thence I run S. 7 E. on a true line, bet. secs. 19 & 24. Va. 14° 08' East.
39.95	Set a post, 3 ft. long, 3 ins. square, with charred stake, 12 ins. in the ground, for ¼ sec. cor., marked ¼ S.

Chains	Retracing
	on W. face, dug pits 18 × 18 × 12 ins. N. & S. of post, 5½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base, around post.
79.90	The cor. to secs. 19, 24, 25 & 30.
	From the ¼ sec. cor., bet. secs. 13 & 18, I run North on a random line, bet. secs. 13 & 18. Va. 14° 08' East.
40.00	Found no trace of old cor. to secs. 7, 12, 13 & 18. Set temporary sec. cor.
80.02	To ¼ sec. cor. bet. secs. 7 & 12, which is a post, with charred stake, in earth mound, with pits, which I clean in good order; thence I run South on a true line, bet. secs. 7 & 12. Va. 14° 08' East.
40.01	Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to secs. 7, 12, 13 & 18, marked

E. boundary T. 27 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	T. 27 N., N. 7 on N. E.
	R. 32 W., S. 18 on S. E.
	R. 33 W., S. 13 on S. W. cor.
	S. 12 on N. W. faces, with 4 notches on S. cor. 2 notches on N. edges, dug pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist., and raised a mound of earth, 2 ft. high, 4½ ft. base, around post.
	Thence,
	South on a true line, bet. secs. 13 & 18.
	Va. 14° 08' East.
40.01	To ¼ sec. cor., bet. secs. 13 & 18.
	From the ¼ sec. cor., bet. secs. 7 & 12, I run North on a random line, bet. secs. 7 & 12.
	Va. 14° 08' East
39.92	To sec. cor. to secs. 1, 6, 7 & 12, which is a post in earth mound, with pits, which I clean in good order.

E. boundary T. 27 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	From the cor. to secs. 1, 6, 7 & 12, I run North on a random line, bet. secs. 1 & 6.
	Va. 14° 08' East.
40.00	Found no trace of sec ¼ sec. cor. Set temporary ¼ sec. cor.
79.93	To sec cor. to T. ps. 27 & 28 N., R. 32 & 33 W., which is a post in earth mound, with pits, which I clean in good order; thence I run South on a true line, bet. secs. 1 & 6.
	Va. 14° 08 East.
39.93	Set a post, 3 ft. long, 3 ins. square, with charred stake, 12 ins. in the ground, for ¼ sec. cor, marked ¼ S on W. face, dug pits 18 x 18 x 12 ins. N. & S. of post, 5½ ft. dist., & raised a mound of earth, 1½ ft. high, 3½ ft. base, around post.
79.93	To cor. to secs. 1, 6, 7 & 12.

Chains

Before proceeding with the exterior of this Township, 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 running, I took the latitude and found it to be 42° 21' N.

From the cor. to Tps. 27 and 28 N., Rs. 32 and 33 W., I run

North on a random line, bet. secs. 31 & 36.

Va. 14° 10' East.

41.00 Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.

80.00 Found no trace of old cor. to secs. 25, 30, 31 and 36. Set temporary sec. cor.

120.00 Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.

160.40 To a point 34 lks. E. of old cor.

Chains

to secs. 19, 24, 25 and 30, which is a post in earth mound, with pits, which I clean in good order.

Thence I run

S. 7' E. on a true line, bet. secs. 25 & 30.

Va. 14° 10' East.

40.10 Set a post, 3 ft. long, 3 ins. square, with charred stake, 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 S. on W. face, dug pits 18 x 18 x 12 ins. N. and S. of post, 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, around post.

80.20 Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to secs. 25, 30, 31 & 36, marked T. 28 N., S. 30 on N. E.

R. 32 W., S. 31 on S. E.

R. 33 W., S. 36 on S. W. and

S. 25 on N. W. faces, with 1 notch on S. and 5 notches on N. edges, dug

E. boundary T. 28 N., R. 33 W., 6th P.M.

Chains.	Retracing.
	pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist., and raised a mound of earth, 2 ft. high, 4½ ft. base, around post.
	S. 7' E. on a true line, bet. secs. 31 & 36. Va. 14° 10' East.
40.10	Set a post, 3 ft. long, 3 ins. square, with charred stake, 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 S. on W. face, dug pits 18 x 18 x 12 ins. N. & S. of post, 5½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base, around post.
80.20	The cor. to Tps. 27 & 28 N., Rs. 32 & 33 W.
	From the cor. to secs. 19, 24, 25 & 30, I run North on a random line, bet. secs. 19 & 24. Va. 14° 10' East.
40.16	To a point 6 lks. W. of old 1/4 sec. cor., which is a post, in

E. boundary T. 28 N., R. 33 W., 6th P.M.

Chains.	Retracing.
	earth mound, with pits, which I clean in good order.
	The return course is thereon S. 5' W.
	From the 1/4 sec. cor., I continue North.
40.00	Found no trace of old cor. to secs. 13, 18, 19 & 24. Set temporary sec. cor.
80.00	Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.
120.08	To a point 19 lks. W. of old cor. to secs. 7, 12, 13 & 18, which is a post in earth mound, with pits, which I clean in good order.
	Thence I run S. 5' W. on a true line, bet. secs. 13 & 18. Va. 14° 10' East.
40.03	Set a post, 3 ft. long, 3 ins. square, with charred stake, 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 S. on W. face, dug pits 18 x 18 x 12 ins. N. and S. of post, 5½ ft. dist., & raised a mound of earth, 1½ ft. high, 3½ ft.

E. boundary T. 28 N., R. 33 W., 6th P.M.

Chains.	Retracing.
	base, around post.
80.06	Set a post, 4 ft. long, 4 ins. square, with charred stake, 12 ins. in the ground, for cor. to secs. 13, 18, 19 & 24, marked T. 28 N., S. 18 on N. E. R. 32 W., S. 19 on S. E. R. 33 W., S. 24 on S. W. & N. D. 13 on N. W. faces, with 3 notches on N. & W. edges, dug pits 18×18×12 ins. in each sec., 5½ ft. dist., & raised a mound of earth, 2 ft. high, 4½ ft. base, around post.
	Thence I run S. 5 W. on a true line, bet. secs. 19 & 24. Va. 14° 10' East.
40.02	To ¼ sec. cor. bet. secs. 19 & 24.
	From cor. to secs. 7, 12, 13 & 18, I run North on a random line, bet. secs. 7 & 12. Va. 14° 10' East.

E. boundary T. 28 N., R. 33 W., 6th P.M.

Chains.	Retracing.
40.00	To orig ¼ sec. cor., which is a post in earth mound, with pits, which I clean in good order.
80.00	To orig cor. to secs. 1, 6, 7 & 12, which is a post, in earth mound, with pits, which I clean in good order.
	North on a random line, bet. secs. 1 & 6. Va. 14° 10' East.
40.00	Found no trace of orig ¼ sec. cor. Set temporary ¼ sec. cor.
80.18	To orig closing cor. to Tps. 28 N., Rs. 32 & 33 W., which is a mound of earth and pits, with stake in E. pit, which I clean in good order; thence I run South on a true line, bet. secs. 1 & 6. Va. 14° 10' East.
40.18	Set a post, 3 ft. long, 3 ins. square, with charred stake, 12 ins. in the ground, for ¼ sec. cor., marked

E. boundary T. 28 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	14 S. on W. face, dug pits 18x18x2 ins. M. and D. of post, 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base, around post.
80.18	The cor. to secs. 1, 6, 7 and 12.
	August 8th 1882.

7th Standard Line N., along S. boundary T. 29 N., R. 32 W., 6th P. M.

Chains.	Retracing.
	Before proceeding with the retracings of this line 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 morning. I took the latitude and found it to be 42° 26' N.
	From the closing cor. to Tps. 25 N., Rs. 32 and 33 W., I run West on a random line, on S. B. secs. 32. Va. 14° 10' East.
35.00	To Standard cor. to secs 31 and 32, which is an earth mound and pits, with stake in E. pit, which I clean in good order.

Chains.	Retracing.
	West on a random line, on S. boundary sec. 31. Var. 14° 10' East.
40.00	To old Standard 1/4 sec. cor., which is an earth mound, with pits, with stake in E. pit, which I lean in good order.
80.00	To Standard cor. to Tps. 29 N., Rs. 32 & 33 W., which is a post in earth mound with pits which I lean in good order.

Chains.	Retracing.
	From the Standard cor. to Tps. 29 N., Rs. 32 & 33 W., I run West on a random line on S. B. sec. 36. Var. 14° 10' East.
40.00	After diligent search, finding no trace of the 1/4 sec. cor., I set temp. cor.
79.58	To a point 13 lks. South of old Standard cor. to secs. 35 & 36, which is an earth mound, with pits, with stake, properly marked in E. pit, which corner I lean in good order, thence I run S 89° 55' E. on a true line, on S. boundary sec. 36. Var. 14° 10' East.
39.94	Set a post, 3 ft. long, 6 ins. square, with charred stake, 12 ins. in the ground, for 1/4 sec. cor., marked S.C. 1/4 S on N. face, dug pits 18 x 18 x 12 ins. E. & W. of post, 5½ ft. dist., & raised a mound of earth, 1½ ft. high, 3½ ft. base, around post.

7th Standard line N., along

S. boundary T. 29 N., R. 33 W., 6th P.M.

Chains.	Retracing.
79.88	The Standard cor. to Tps. 29 N., Rs. 32 & 33 W.,
	From the Standard cor. to secs. 35 & 36, I run
	West on a random line, on S. boundary sec. 35. Va. 14° 10' East.
	After diligent search, finding no corners on line, I set temporary corners at each 40 chs., and at 119.86 chs., arrive at a point 25 lks. South of old 1/4 sec. cor., on S. boundary sec. 34, which is an earth mound with pits, with stake in E. pit, which I clean in good order;
	thence I run
	S. 89° 52' E. on a true line, on S. boundary sec. 34. Va. 14° 10' East.
39.96	Deposited a chained stake 12 ins. in the ground, dug pits 18×18×12 ins. N., E. & W. of cor., 5½ ft. dist., and raised

7th Standard line N., along

S. boundary T. 29 N., R. 33 W., 6th P.M.

Chains.	Retracing.
	a mound of earth, 2 ft. high, 4½ ft. base over it. In E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked: S. C. T. 29 N., R. 33 W. on N. S. 35 on E. & S. 34 on W. faces, with 2 notches on E. & 4 notches on W. faces, for Standard cor. to secs. 34 & 35.
	Thence S. 89° 52' E. on a true line, on S. boundary sec. 35. Va. 14° 10' East.
39.95	Deposited a chained stake, 12 ins. in the ground for 1/4 sec. cor., dug pits 18×18×12 ins. E. & W. of cor., 5½ ft. dist., & raised a mound of earth, 1½ ft. high, 3½ ft. base over it. In E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face.
79.90	The Standard cor. to secs. 35 & 36.

Chains.	Retracing.
	From the 1/4 sec. cor., on S. boundary sec. 34, I run West on a random line on S. boundary sec. 34. Va. 14° 10' East.
39.76	To old cor. to secs. 33 & 34, which is an earth mound with pits, with stake in E. pit, which I clean in good order.
	West on a random line on S. boundary sec. 33, Va. 14° 10' East.
40.00	Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.
80.00	To old Standard cor. to secs. 32 & 33, which is an earth mound with pits, with stake in E. pit, which I clean in good order; thence I run East on a true line on S. boundary sec. 33. Va. 14° 10' East.
40.00	Deposited a chained stake 12 ins. in the ground for 1/4 sec. cor., dug pits

Chains.	Retracing.
	18 x 18 x 12 ins., E. & W. of cor., 5 1/2 ft. deep, and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base over it. In E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked S.C. 1/4 S. on N. face.
80.00	The Standard cor. to secs. 33 & 34.
	From the cor. to secs. 32 & 33, I run West on a random line, on S. boundary sec. 32. Va. 14° 10' East.
40.00	To old 1/4 sec. cor., which is an earth mound with pits, with stake in E. pit, which I clean in good order.
42.50	To old Closing Cor. to Tps. 28 N., R. 33 & 34 W., which is an earth mound with pits, with stake in E. pit, which I clean in good order.
80.07	To old Standard cor. to secs. 31 & 32, which is a mound of earth with pits, with stake in E. pit, which I clean in good order.

7th Standard N., along

S. boundary T. 29 S., R. 33 W., 6th P. M.

Chains	Retracing
	West on a random line, on S. boundary sec. 31.
	Var. 14° 10' East.
40.00	Found no trace of old 1/4 sec. cor.
	Set temporary 1/4 sec. cor.
79.92	To a point 11 lks. South of old Standard cor. to Tps. 29 N., Rs. 33 & 34 W., which is a post in earth mound, with pits, which I clean in good order.
	Thence I run
	S. 89° 55 E. on a true line, on S. boundary sec. 31.
	Var. 14° 20' East.
39.96	Set a post 3 ft. long, 3 ins. square, with quart of charcoal 12 ins. in the ground, for 1/4 sec. cor., marked S. C. 1/4 S. on N. face, dug pits 18 x 18 x 12 ins. E. & W. of post, 1½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base, around post.
79.92	The Standard cor. to secs. 31 & 32.

S. boundary T. 29 N., R. 34 W., 6th P. M.

Chains	Retracing
	From the Standard cor. to Tps. 29 N., Rs. 33 & 34 W., I run
	West on a random line, on S. boundary sec. 36.
	Var. 14° 20' East.
40.00	Found no trace of old 1/4 sec. cor.
	Set temporary 1/4 sec. cor.
80.25	To a point 18 lks. N. of Standard cor. to secs. 35 & 36, which is an earth mound, with pits, with stake in E. pit, which I clean in good order; thence I run
	N. 89° 52 E. on a true line, on S. B. sec. 36.
	Var. 14° 20' East.
40.14	Deposited a charred stake, 12 ins. in the ground, for 1/4 sec. cor., dug pit 18 x 18 x 12 ins. E. & W. of cor., 1½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base, over it. In E. pit, drove a stake 2 ft. long, 2 ins. square 12 ins. in the ground, marked S. C. 1/4 S. on N. face.
80.25	The Standard cor. to Tps. 29 N., Rs. 33 & 34 W.

Chains.	Retracing
	From the cor. to secs. 35 & 36, I run West on a random line, on S. B. sec. 35. Var. 14° 20' East.
40.00	Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.
79.78	To a point 23 lks. N. of Standard cor. to secs. 34 & 35, which is an earth mound with pits, with stake in E. pit, which I clean in good order; thence I run N. 89° 50' E. on a true line, on S. B. sec. 35. Var. 14° 25' East
39.89	Deposited a chaina stake, 12 ins. in the ground, for 1/4 sec. cor, dug pits 18 x 18 x 12 ins. E. & W. of cor, 5 1/2 ft. dist, and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base over it. In E. pit drove a stake, 2 ft. long, 2 ins square, 12 ins. in the ground, marked S.C. 1/4 S. on N. face.
79.78	The Standard cor. to secs. 35 & 36.

Chains.	Retracing
	From the Standard cor. to secs. 34 & 35 I run West on a random line, on S. B. sec. 34. Var. 14° 25' East. After diligent search, finding no trace of old corners, I set temporary corners at each 40 chs., and at 160.34 chs., arrive at a point 28 lks. North of old cor. to secs. 32 & 33, which is an earth mound with pits, with stake in E. pit, which I clean in good order; thence I run S. 89° 54' E. on a true line, on S. boundary sec. 33. Var. 14° 15' East.
40.08	Deposited a chaina stake, 12 ins. in the ground, for 1/4 sec. cor, dug pits 18 x 18 x 12 ins. E. & W. of cor, 5 1/2 ft. dist, and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base over it. In E. pit drove a stake, 2 ft.

Chains	Retracing
	long, 2ins. square, 12ins. in the ground, marked S.C. 1/4 S. on N. face.
80.17	Deposited a charred stake, 12ins. in the ground, for Standard cor. to secs. 33 & 34, dug pits 18x18x12ins. N, E. & W. of stake, 5½ft. dist., & raised a mound of earth, 2ft. high, 4½ft. base over it. In E. pit, drove a stake, 2ft. long, 2ins. square, 12ins. in the ground, marked S.C. T. 29 N, R. 34 W. on N. S. 34 on E. & S. 33 on W. faces, with 3 notches on N., E. & W. faces.
	S 89°54' E. on a true line on S. boundary sec. 34. Var. 14° 20' East.
40.08	Deposited a charred stake, 12ins. in the ground, for 1/4 sec. cor, dug pits 18x18x12ins. E. & W. of stake, 5½ft. dist., and raised a mound of

Chains	Retracing
	earth, 1½ft. high, 3½ft. base over it. In E. pit, drove a stake, 2ft. long, 2ins. square, 12ins. in the ground, marked S.C. 1/4 S. on N. face.
80.17	The Standard cor. to secs. 31 & 35.
	From the cor. to secs. 32 & 33, I run West on a variant line, on S. B. of sec. 32. Var. 14° 15' East.
40.00	To sec 1/4 sec. cor, which is an earth mound, with pits, with stake in E. pit which I clean in good order.
41.39	To sec Closing Cor. to Tps. 28 N, Rs. 34 & 35 W, which is an earth mound, with pits, with stake in E. pit, which I clean in good order.
80.00	To Standard Cor. to secs. 31 & 32, which is an earth mound, with pits, with stake in E. pit, which I clean in good order.

my 4th Standard Line N., along

S. boundary T. 29 N., R. 34 W., 6th P.M.

Chains	Retracing
	West on a random line, on S. B. sec. 31.
	Va. 14° 30 East.
160.00	Found no trace of sec 1/4 sec. cor.
	Set temporary 1/4 sec. cor.
80.06	To a point 26 lks. North of Standard
	Cor. to Tps. 29 N., Rs. 34 & 35 W.,
	which is an earth mound with
	pits, with stake in E. pit,
	which I leave in good order;
	Thence I run
	N. 89° 49' E. on a true line, on S. boundary sec. 31.
	Va. 14° 30' East.
40.06	Deposited a charred stake, 12 ins. in the
	ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins.
	E. & W. of cor., 5 1/2 ft. dist., & raised an earth
	mound, 1 1/2 ft. high, 3 1/2 ft. base over it. In
	E. pit, drove a stake 2 ft. long, 2 ins. sq.,
	12 ins. in the ground, marked S. C. 1/4 S. on N. face.
80.06	The cor. to secs. 31 & 32.
	August 7th 1882.

S. boundary T. 29 N., R. 35 W., 6th P.M.

Chains	Retracing
	From the Standard cor. to Tps.
	29 N., Rs. 34 & 35 W., I run
	West on a random line, on S. B. sec. 36.
	Va. 14° 30 East.
39.90	To a point 17 lks. N. of 1/4 sec. cor.,
	which is an earth mound, with pit,
	with stake in E. pit, which I
	leave in good order.
	The return course is therefore N. 89° 45' E.
	From the 1/4 sec. cor., I continue West.
	After diligent search, finding no
	trace of sec. corners, I set temporary
	corners at each 40 chs., and at
	119.76 chs. arrive at a point 50 lks.
	N. of Standard cor. to secs. 34 & 35,
	which is an earth mound, with
	pits, with stake in E. pit,
	which I leave in good order.
	Thence I run
	N. 89° 46' E. on a true line on S. B. sec. 35.
	Va. 14° 25 East.

S. boundary T. 29 N., R. 35 W., 6th P. M.

Chains	Remarks
39.92	Deposited a charred stake, 12 ins. in the ground for 1/4 sec. cor., dug pits 18x18x12 ins. E. & W. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked S. C. 1/4 S. on N. face.
79.84	Deposited a charred stake, 12 ins. in the ground for Standard cor. to secs. 35 & 36, dug pits 18x18x12 ins. N., E. & W. of cor., 5 1/2 ft. dist., & raised a mound of earth, 2 ft. high, 4 1/2 ft. base over it. In E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked S. C. T. 29 N., R. 35 W. on N. S. 36 on E. & S. 35 on W. faces, with 1 notch on E. & 5 notches on W. faces.

S. boundary T. 29 N., R. 35 W., 6th P. M.

Chains	Remarks
	N. 89° 46' E. on a true line, on S. B. sec. 36. Va. 14° 30' East.
39.92	To 1/4 sec. cor., on S. boundary sec. 36.
	From the cor. to secs. 34 & 35, I run West on a random line, on S. boundary sec. 34. Va. 14° 25' East.
40.00	Found no trace of sec. 1/4 sec. cor. Set temporary 1/4 sec. cor.
80.03	To a point 28 lks. N. of sec. cor. to secs. 33 & 34, which is an earth mound with pits, with stake in E. pit, which I clean in good order; thence I run N. 89° 48' E. on a true line, on S. boundary sec. 34. Va. 14° 20' East.
80.01	Deposited a charred stake, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18x18x12 ins. E. & W. of cor., 5 1/2 ft. dist., & raised an earth mound, 1 1/2 ft. high, 3 1/2 ft. base, over it. In E. pit, drove a stake, 2 ft. long, 2 ins. square 12 ins. in the ground, marked S. C. 1/4 S. on N. face.

N. boundary T. 29 N., R. 35 W., 6th P.M.

Chains	Retracing
80.03	The Standard cor. to secs. 34 & 35.
	From the cor. to secs. 33 & 34, I run West on a random line, on N. boundary sec. 33. Va. 14° 20' East.
40.00	Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.
80.36	To a point 17 lks. N. of Standard cor. to secs. 32 & 33, which is an earth mound, with pits, with stake in E. pit, which I leave in good order. Thence I run N. 89° 53' E. on a true line on N. B. sec. 33. Va. 14° 30' East.
40.18	Deposited a charred stake, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. E. & W. of cor., 5 1/2 ft. dist., & raised an earth mound, 1 1/2 ft. high, 3 1/2 ft. base, over it, in E. pit, a cedar stake, 2 ft. long, 2 ins. square, sunk 12 ins. in the ground, 4 1/2 ft. above S.C. 1/4 S. on N. face.
80.36	The cor. to secs. 33 & 34.

N. boundary T. 29 N., R. 35 W., 6th P.M.

Chains	Retracing
	From the Standard cor. to secs. 32 & 33 I run West on a random line, on N. boundary sec. 32. Va. 14° 30' East.
40.00	To sec. 1/4 sec. cor., which is an earth mound, with pits, with stake in E. pit, which I leave in good order.
80.28	To Closing Cor. to Tps. 28 N., Rs. 35 & 36 W., which is an earth mound, with pits, with stake in E. pit, which I leave in good order.
80.00	To Standard cor. to secs. 31 & 32, which is an earth mound, with pits, with stake in E. pit, which I leave in good order.
	West on a random line, on N. boundary sec. 31. Va. 14° 20' East.
40.00	Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.
77.96	To sec. Standard cor. to Tps. 29 N.,

Chains.	Remarks.
	Rs. 35 & 36 W., which is an earth mound, with pits, with stake in E. pit, which I clean in good order; thence I run East on a true line, on S. B. sec. 31.
	Va. 14° 30' East.
39.96	Deposited a charred stake, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18x18x12 ins. E. & W. of corner, 5½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base, over it. In E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked S. C. 1/4 S. on N. face.
79.96	The Standard cor. to secs. 31 & 32. I carefully examined the adjustments of my Solar Compass today, particularly the latitude and missing apparatus & found them correct.
	August 8th 1882.

Chains.	Remarks.
	From the Standard cor. to Tps. 29 N., Rs. 36 & 37 W., which is an earth mound, with pits, with stake in E. pit, which I clean in good order, I run West on a random line, on S. boundary sec. 36.
	Va. 14° 30' East.
40.00	Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.
79.82	To a point 8 lks. N. of the cor. to secs. 35 & 36, which is an earth mound, with pits, with stake in E. pit, which I clean in good order; thence I run N. 84° 57' E. on a true line, on S. boundary sec. 36.
	Va 14° 30' East.
39.91	Deposited a charred stake, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18x18x12 ins. E. & W. of corner, 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base, over it. In E. pit, drove a stake, 2 ft. long, 2 ins.

Chains	Remarks
	square, 12 ins. in the ground, marked S. C. 1/4 S. on N. face.
79.82	The Standard cor. to Tps. 29 N., Rs. 36 and 37 W.

	From the cor. to secs. 35 and 36, I run West on a random line, on S. B. sec. 35. Va. 14° 30' East.
	After diligent search finding no trace of old corners, I set temporary corners at each 40 chs., and at 159.80 chs., arrive at a point 27 lks. North of our Standard cor. to secs. 33 and 34, which is an earth mound, with pits, with stake in E. pit which I leave in good order;
	Hence I run
	N. 89° 54' E. on a true line, to S. boundary sec. 34. Va. 14° 35' East.
39.95	Deposited a charred stake, 12 ins. in the ground, for 1/4 sec. cor., dug pits

Chains	Remarks
	18 x 18 x 12 ins. E. and W. of cor., 5½ ft. dist., and raised a mound of earth, 1½ ft. high, 5½ ft. base, over it. In E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked S. C. 1/4 S. on N. face.
79.90	Deposited a charred stake, 12 ins. in the ground, for Standard cor. to secs. 34 and 35, dug pits 18 x 18 x 12 ins. N., E. and W. of cor., 5½ ft. dist., and raised a mound of earth, 2 ft. high, 4½ ft. base, over it. In E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked S. C. T. 29 N., R. 37 W. on N. S. 35 on E. and S. 34 on W. faces, with 2 notches on E. and 4 notches on W. faces.

	N. 89° 54' E. on a true line, to S. boundary sec. 35. Va. 14° 35' East.

S. boundary T. 29 N., R. 37 W., 6th P.M.

Chains.	Retracing.
39.95	Deposited a charred stake, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. E. & W. of corner, 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked S. C. 1/4 S. on N. face.
79.90	The cor. to secs. 35 & 36.
	From the cor. to secs. 33 & 34, I run West on a random line on S. boundary sec. 33, Va. 14° 35' East.
39.81	To a 1/4 sec. cor., which is an earth mound, with pits, with stake in E. pit, which I leave in good order.
39.92	From the 1/4 sec. cor., I course West. To a point 11 lks. South of old cor. to secs. 32 & 33, which is an earth mound with pits with stake in E. pit, which I leave in good order. The return course is thence S. 89° 51' E.

S. boundary T. 29 N., R. 37 W., 6th P.M.

Chains.	Retracing.
	From the cor. to secs. 32 & 33, I run West on a random line on S. B. sec. 32, Va. 14° 20' East.
40.00	Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.
79.58	To a point 16 lks. N. of old cor. to secs. 31 & 32, which is an earth mound with pits, with stake in E. pit, which I leave in good order; thence I run N. 89° 58' E. on a true line, on S. boundary sec. 32, Va. 14° 30' East.
39.79	Deposited a charred stake, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. E. & W. of corner, 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In E. pit, drove a stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked S. C. 1/4 S. on N. face.
79.58	The cor. to secs. 32 & 33.

7th Standard Line N., along

S. boundary T. 29 N., R. 37 W., 6th P. M.

Chains	Retracing
	From the cor. to secs. 31 & 32, I run West on a random line on S. B. sec. 01. Va. 14° 30' East.
40.00	Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.
80.20	To old cor. to Tps. 29 N, Ro. 37 & 38 E, which is an earth mound with pits, with stake in E. pit, which I clean in good order; thence I run East on a true line on S. boundary sec. 31. Va. 12° 11' East.
140.20	Deposited a charred stake, 12 ins. in the ground for 1/4 sec. cor., dug pits 18 x 8 x 12 ins. E. & W. of cor., 5 1/2 ft. dist., & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base over it. In E. pit drove a stake, 2 ft long, 2 ins. square, 12 ins. in the ground, marked S. C. 1/4 S. on N. face.
80.20	The Standard cor. to secs. 31 & 32.

W. boundary T. 29 N., R. 37 W., 6th P. M.

Chains	Retracing
	From the Standard cor. to Tps. 29 N, Ro. 37 & 38 W., I run North on a random line, bet. secs. 31 & 36. Va. 14° 11' East.
	After diligent search, finding no traces of old corners, I set temporary corners at each 40 chs., and at 120.15 chs., I arrive at a point 13 chs. E. of old 1/4 sec. cor. bet. secs. 25 & 30, which is an earth mound with pits, with stake in N. pit, which I clean in good order; thence I run S. 4' E. on a true line, bet. secs. 25 & 30. Va. 14° 11' East.
40.06	Deposited a charred stake, 12 ins. in the ground, for cor. to secs. 25, 30, 31 & 36, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., & raised a mound of earth, 2 ft high, 4 1/2 ft. base, over it. In S. E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins.

W. boundary T. 29 N., R. 37 W., 6th P.M.

Chains	Remarks
	in the ground, marked T. 29 N., R. 30 on N.E., R. 37 W., R. 31 on S.E., R. 38 W., T. 36 on S.W. faces, with 1 notch on S. and 5 notches on N. edges.
	S. 4 E. on a true line, bet. secs. 31 & 36. Va. 14° 11' East.
40.06	Deposited a claimed stake, 12 ins. in the ground, for 1/4 sec. cor., and pits 18 x 18 x 12 ins. N. & S. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base on it. In N. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.12	The standard cor. to Tps. 29 N., Rs. 37 & 38 W.

W. boundary T. 29 N., R. 37 W., 6th P.M.

Chains	Remarks
	From the 1/4 sec. cor. bet. secs. 25 & 30 I run North on a random line bet. secs. 25 & 30. Va. 14° 11' East
39.91	To sec. cor. to secs. 19, 24, 25 & 30, which is an earth mound with pits, with stake in S.E. pit, which I clean in good order.
	North on a random line, bet. secs. 19 & 24. Va. 14° 11' East.
40.00	Found no trace of sec. 1/4 sec. cor. Set temporary 1/4 sec. cor.
80.04	To sec. cor. to secs. 13, 18, 19 & 24, which is an earth mound with pits, with stake in S.E. pit which I clean in good order; thence I run South on a true line, bet. secs. 19 & 24. Va. 14° 11' East.
40.02	Deposited a quart of charcoal,

Chains. Remarks.

12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. W. & N. of cor., 5 1/2 ft. dist., & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In W. pit, over a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.

50.04 The cor. to secs. 19, 24, 25 & 30.

From the cor. to secs. 13, 18, 19 & 24, I run North on a random line, Rt. secs. 13 & 18.

Va. 14° 11' East.

After diligent search, finding no trace of old corners, I set temporary corners at each 40 chs., and at 160, 20 chs. I arrive at a point 40 lks. East of old cor. to secs. 1, 6, 7 & 12, which is an earth mound, with pits, with stake in S. E. pit, which I leave in good order; thence I run

Chains. Remarks.

S. 9' E. on a true line, Rt. secs. 7 & 12.

Va. 14° 11' East.

40.05 Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. W. & N. of cor., 5 1/2 ft dist., & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In W. pit, over a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.

80.10 Deposited a qt. of charcoal, 12 ins. in the ground, for cor. to secs. 7, 12, 13 & 18, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft dist., & raised a mound of earth, 2 ft. high, 4 1/2 ft. base, over it. In S. E. pit, over a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

T. 29 N., S. 7 on N. E.

R. 37 W., S. 12 on S. E.

R. 38 W., S. 13 on S. W. & S. 12 on N. W. faces, with 2 notches on W. & 4 notches on N. edges.

W. boundary T. 29 N., R. 37 W., 6th P.M.

Chains	
	S. 9° E. on a true line, bet. secs. 13 & 18. Va. 14° 11' East.
40.05	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. & S. of cor., 5½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base, over it. In N. pit placed slate, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.10	The cor. to secs. 13, 18, 19 & 24.
	From the cor. to secs. 1, 6, 7 & 12, I run North on a random line, bet. secs. 1 & 6. Va. 14° 11' East.
40.00	To a 1/4 sec. cor., which is an earth mound, with pits, with stake in N. pit, which I clean in good order.
80.00	To sec. cor. to Tps. 29 & 30 N., Rs. 37 & 38 W., which is an

W. boundary T. 29 N., R. 37 W., 6th P.M.

Chains	Remarks
	earth mound with pits, with stake in N. E. pit, which I clean in good order. I carefully examined the adjustments of my Solar Compass today, particularly the latitude and morning apparatus & found them correct. August 9th 1882.

Chains	Retracing
	Before proceeding further with the exterior of this Township, 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 & corrected same, by observation on the sun. I also further tested instrument by morning, I took the latitude and found it to be 42°31' N.
	From the cor. to Tps. 29 & 30 N, Rs. 37 & 38 W, I run East on a random line, bet. secs. 6 & 31.
	Va. 14°11' East.
40.00	Found no trace of sec 1/4 sec. cor, set temporary 1/4 sec. cor,
79.11	To a point 20 lks. N. of sec cor, to secs. 5, 6, 31 & 32, which is an earth mound, with pits, with stake in S.E. pit, which I leave

Chains	Retracing
	in good order, thence I run N. 89°51' W. on a true line, bet. secs. 6 & 31.
	Va. 14°11' East.
40.00	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor, dug pits 18 x 18 x 12 ins. E. & W. of cor, 5½ ft. dist, & raised a mound of earth, 1½ ft. high, 3½ ft. base, over it. In E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face.
79.11	The cor. to Tps. 29 & 30 N, Rs. 37 & 38 W.
	From the cor. to secs. 5, 6, 31 & 32, I run East on a random line, bet. secs 5 & 32.
	Va. 14°11' East.
	After diligent search, being unable to find sec corners, I set temporary

N. boundary T. 29 N., R. 37 W., 6th P.M.

Chains.	Remarks.
	corners at each 40chs., and at 159.86 chs., arrive at a point 33lks. North of cor. to secs. 3, 4, 33 & 34, which is an earth mound, with pits, with stake in S.E. pit, which I leave in good order; thence I run
	N 89°52' W. on a true line, bet. secs. 4 & 33, Var. 14°11' East.
39.96	Deposited a quart of charcoal, 12ins. in the ground, for 1/4 sec. cor., dug pits 18x18x12ins. E. & W. of cor., 5½ft. dist, and raised a mound of earth, 2ft. high, 4½ft. base, on it, 2in E. pit, arrs a stake, 2ft. long, 2ins. square, 12ins. in the ground, marked 1/4 S. on N. face.
79.93	Deposited a quart of charcoal, 12ins. in the ground, for cor. to secs. 4, 5, 32 & 33, dug pits 18x18x12ins. in each sec, 5½ft. dist, & raised

N. boundary T. 29 N., R. 37 W., 6th P.M.

Chains.	Remarks.
	a mound of earth, 2ft. high, 4½ft. base, on it, 2in S.E. pit, arrs a stake, 2ft. long, 2ins. square, 12ins. in the ground, marked T. 30 N., S. 33 on N.E. R. 37 W., S. 4 on S.E. T. 29 N., S. 5 on S.W. & S. 32 on N.W. faces, with 4 notches on E. & 2 notches on W. edges,
	N. 89°52' W. on a true line, bet. secs. 5 & 32, Var. 14°11' East.
39.96	Deposited a quart of charcoal, 12ins. in the ground, for 1/4 sec. cor., dug pits 18x18x12ins. E. & W. of cor., 5½ft. dist, & raised a mound of earth, 1½ft. high, 3½ft. base, on it, 2in E. pit, arrs a stake 2ft. long, 2ins. square, 12ins. in the ground, marked 1/4 S. on N. face.
79.93	The cor. to secs. 5, 6, 31 & 32,

N. boundary T. 29 N., R. 37 W., 6th P. M.

Chains	Remarks
	From the cor. to secs. 3, 4, 33 & 34, I run East on a random line, bet. secs. 3 & 34, Va. 14° 11' East.
110.04	To a point 16 lks. South of sec. 1/4 sec. cor., which is an earth mound, with pits, with stake in E. pit, which I leave in good order. The return course is thence S. 89° 46' W. From the 1/4 sec. cor., I continue East, after diligent search, being unable to find sec. corners, I set temporary corners at each 40 chs., and at 120.30 chs., arrive at a point 13 lks. South of sec. cor. to secs. 1, 2, 35 & 36, which is an earth mound with pits, with stake in S. E. pit, which I leave in good order; thence I run S. 89° 56 W. on a true line, bet. secs. 2 & 35, Va. 14° 11' East.
40.10	Deposited a quart of charcoal, 12 ins.

N. boundary T. 29 N., R. 37 W., 6th P. M.

Chains	Retracing
	in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. E. & W. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, on it. In E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground. Marked 1/4 S. on N. face.
80.20	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 2, 3, 34 & 35, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., & raised a mound of earth, 2 ft. high, 4 1/2 ft. base, on it. In S. E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 30 N., R. 35 on N. E. R. 37 W., R. 2 on S. E. T. 29 N., R. 3 on S. W. & on S. 34 on N. W. faces, with 2 notches on E. & 4 notches on W. edges.

N. boundary T. 29 N., R. 37 W., 6th P.M.

Chains.	Remarks.
	S. 89°56' W. on a true line, bet. secs. 3 & 34.
	Var. 14°11' East.
40.10	To 1/4 sec. cor. between secs. 3 & 34.
	From the cor. to secs. 1, 2, 35 & 36, I run East on a random line, bet. secs. 1 & 36,
	Var. 14°11' East.
40.00	Found no trace of sec 1/4 sec. cor. Set temporary 1/4 sec. cor.
79.84	To cor. to Tps. 29 & 30 N., Rs. 36 & 37 W., which is an earth mound with pits with stake in S. E. pit, which I leave in good order; thence I run West on a true line, bet. secs. 1 & 36
	Var. 14°11' East.
39.92	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18x8x12 ins. E. & W. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base on it. In E. pit I set a stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.
79.84	The cor. to secs. 1, 2, 35 & 36,

E. boundary T. 29 N., R. 37 W., 6th P.M.

Chains.	Remarks.
	From the cor. to Tps. 29 & 30 N., Rs. 36 & 37 W., I run South on a random line, bet. secs. 1 & 6,
	Var. 14°11' East.
40.00	Found no trace of sec 1/4 sec. cor. Set temporary 1/4 sec. cor.
79.68	To sec cor. to secs. 1, 6, 7 & 12, which is an earth mound with pits, with stake in S. E. pit, which I leave in good order; thence I run North on a true line, bet. secs. 1 & 6.
	Var. 14°10' East.
40.00	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18x18x12 ins. N. & S. of cor., 5 1/2 ft. dist., & I raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base on it. In N. pit, I set a stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
79.63	The cor. to Tps. 29 & 30 N., Rs. 36 & 37 W.

E. boundary T. 29 N., R. 37 W., 6th P.M.

Chains	Retracing
	From the cor. to secs. 1, 6, 7 & 12, I run
	South on a random line, bet. secs. 7 & 12, Va. 14° 10' East.
	After diligent search, being unable to find sec. corners, I set temporary corners at each 80 chs. and at 160.14 chs., arrive at a point 44 chs. E. of sec. cor. to secs. 13, 18, 19 & 24, which is an earth mound with pits, with stake in S. E. pit, which I leave in good order;
	thence I run
	N. 9 E. on a true line, bet. secs. 13 & 18. Va. 14° 10' East.
40.03	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. & S. of cor., 5½ ft. dist., & raised a mound of earth, 1½ ft. high, 3½ ft. base, over it. In N. pit, over a stake, 2 ft. long

E. boundary T. 29 N., R. 37 W., 6th P.M.

Chains	Retracing
	2 ins. square, 12 ins. on the ground, marked 1/4 S. on N. face.
80.07	Deposited a quart of charcoal 12 ins. in the ground, for cor. to secs. 7, 12, 13 & 18, dug pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist., & raised a mound of earth, 2 ft. high, 4½ ft. base over it. In S. E. pit, over a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 29 N., R. 36 W., S. 18 on S. E. R. 37 W., S. 13 on S. W. & S. 12 on N. W. faces, with 4 notches on S. & 2 notches on N. edges.
	N. 9 E. on a true line, bet. secs. 7 & 12. Va. 14° 10' East.
40.03	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. & S. of

E. boundary T. 29 N., R. 37 W., 6th P.M.

Chains.	Remarks.
	cor., 5 ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base over it. In N. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
50.07	The cor. to secs. 1, 6, 7 and 12.
	From the cor. to secs. 13, 18, 19 & 24, I run
	South on a random line, bet. secs. 19 & 24, Va. 14° 10' East.
39.81	To a point 7 chs. W. of sec 1/4 sec. cor., which is an earth mound with pits, with stake in N. pit, which I learn in good order. The return course is thence N. 6' W. From the 1/4 sec. cor., I continue South. After diligent search, being unable to find sec corners, I set temporary corners at each 40 chs., and at 39.72 chs., arrive at a point 17 chs. W.

E. boundary T. 29 N., R. 37 W., 6th P.M.

Chains.	Remarks.
	of cor. to secs. 25, 30, 31 and 36, which is an earth mound, with pits, with stake in N. E. pit, which I learn in good order; thence I run N. 5' W. on a true line, bet. secs. 25 & 30, Va. 14° 10' East
39.90	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. and N. of cor., 5 ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base over it. In N. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
79.81	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 19, 24, 25 and 30, dug pits 18 x 18 x 12 ins. in each sec., 5 ft. dist., and raised a mound of earth, 2 ft. high, 4½ ft. base over it. In N. E. pit, drove a stake, 2 ft. long, 2 ins. square

E. boundary T. 29 N., R. 37 W., 6th P. M.

Chains	Retracing
	12 ins. in the ground, marked T. 29 N., R. 19 on N.E. R. 36 W., S. 30 on S.E. R. 37 W., S. 25 on S.W. & S. 24 on N.W. faces, with 2 notches on S. & 4 notches on N. edges.
	N. 5' W. on a true line, bet. secs. 19 & 24. Va. 14° 10' East.
39.91	To 1/4 sec. cor, bet. secs. 19 & 24,
	From the cor. to secs. 25, 30, 31 & 36, I run South on a random line, bet. secs 19 & 36, Va. 14° 10' East.
40.00	To 1/4 sec. cor, which is an earth mound with pits, with stake in N. pit, which I clean in good order.
80.00	To Standard Cor. to Twps. 29 N, No. 36 & 37 W. August 10th 1882.

W. boundary T. 29 N., R. 38 W., 6th P. M.

Chains	Retracing
	Before proceeding with the extension of this Township, 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 & corrected same by observation on the sun. I also further tested instrument by running,
	West of 1/4 sec. cor, bet. secs. 25 & 30, which is 15.56 chs. E. of witness to 1/4 sec. cor, which is an earth mound, with pits, with stake in N. pit, which I clean in good order, thence I run S. 2' W. on a true line, bet. secs. 25 & 30. Va. 14° 10' East.
40.08	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 25, 30, 31 & 36, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. diat, & raised a mound of earth, 2 ft. high, 4 1/2 ft. base, over it. In S.E. pit, over a

W. boundary T. 29 N., R. 35 W., 6th P. M.

Chains. Retracing.

stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 29 N., S. 30 on N. E. R. 35 W., S. 31 on S. E. R. 36 W., S. 36 on S. W. cor. S. 25 on N. W. faces, with 1 notch on S. and 5 notches on N. edges.

S. 2 W. on a true line, bet. secs. 31 & 36.
Va. 14° 10' East.

40.08 Deposited a quart of charcoal 12 ins. in the ground, for 1/4 Sec. cor., dug pits 18 x 18 x 12 ins. N. & W. of cor., 5½ ft. dist., and raised a mound of earth, 1 ft. high, 0½ ft. base, over it. In N. pit, am'd a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground marked 1/4 S. on W. face.

80.16 The cor. to Tps. 29 N., Rs. 35 & 36 W.

W. boundary T. 29 N., R. 35 W., 6th P. M.

Chains.

I run the true point for 1/4 sec. cor., bet. secs. 25 & 30.

I run

North on a random line, bet. secs. 25 & 30.
Va. 14° 10' East.

40.00 Found no trace of cor. to secs. 19, 24, 25 & 30. Set temporary sec. cor.

79.90 To a point 19 lks. West of sec. 1/4 sec. cor., bet. secs. 19 & 24, which is an earth mound, with pits, with stake in N. pit, which I left in good order; thence I run S. 8' W. on a true line, bet. secs. 19 & 24.
Va. 14° 10' East.

39.95 Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 19, 24, 25 & 30, dug pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist., & raised a mound of earth, 2 ft. high, 4½ ft. base, over it. In S. E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground marked

Chains	Remarks
	T. 29 N., S. 19 on N. E. R. 35 W., S. 30 on S. E. R. 36 W., S. 25 on S. W. cor S. 24 on N. W. faces, with 2 notches on S. cor & 4 notches on N. edges.
	S. 8' W. on a true line, bet. secs. 25 & 30. Va. 14° 10' East.
39.95	To 1/4 sec. cor., bet. secs. 25 & 30.
	From the 1/4 sec. cor, bet. secs. 19 & 24, I run North on a random line, bet. secs. 19 & 24, Va. 14° 10' East. After diligent search, failing to find old corners, I set temporary corners at each 40 chs., and at 119.82 chs., arrive at a point 20 lks. E. of old corner to secs. 7, 12, 13 & 18, which is an earth mound with pits, with a stake in

Chains	Remarks
	S. E. pit, which I have in good order; thence I run S. 6' E. on a true line, bet. secs. 13 & 18. Va. 14° 10' East.
39.94	Deposited a quart of charcoal, 12 ins. in the ground for 1/4 sec. cor, dug pits 18 x 18 x 12 ins. N. & S. of cor, 5 1/2 ft. dist., & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base over it. In N. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
79.88	Deposited a quart of charcoal 12 ins. in the ground for cor. to secs. 13, 18, 19 & 24, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., & raised a mound of earth, 2 ft. high, 4 1/2 ft. base over it. In S. E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

Chains.	Remarks.
	T. 29 N., S. 18 on N. E. R. 35 W., S. 19 on S. E. R. 36 W., S. 24 on S. W. & N. S. 13 on N. W. faces, with 3 notches on N. & S. edges.
	S. 6' E. on a true line, bet. secs. 19 & 24. Va. 14° 10' East.
39.94	To 1/4 sec. cor., bet. secs. 19 & 24.
	From the cor. to secs. 7, 12, 13 & 18, I run North on a random line, bet. secs. 7 & 12. Va. 14° 10' East. After diligent search, being unable to find any corners, I set temporary corners at each 40 chs., and at 160.40 chs., arrive at a point 10 chs. West of cor. to T. 29 & 30 N., Rs. 35 & 36 W., which is an earth mound, with pits, with

Chains.	Remarks.
	a stake in S. E. pit, which I leave in good order, thence I run S. 2' W. on a true line, bet. secs. 1 & 6. Va. 14° 10' East.
40.00	Deposited a quart of charcoal 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins., N. & S. of cor., 5 1/2 ft. dist. & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In N. pit drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.23	Deposited a quart of charcoal 12 ins. in the ground, for cor. to secs. 1, 6, 7 & 12, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth, 2 ft. high, 4 1/2 ft. base, over it. In S. E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

W. boundary T. 29 N., R. 35 W., 6th P.M.

Chains	Remarks
	T. 29 N., S. 6 on N. E. R. 35 W., S. 7 on S. E. R. 36 W., S. 12 on S. W. and S. 1 on N. W. faces, with 1 notch on N. and 5 notches on S. edges.
	S. 2 W. on a true line, bet. secs. 7 & 12. Va. 14° 10' East.
40.10	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. and S. of cor., 5½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base, out it. In N. pit, under a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.20	The cor. to secs. 7, 12, 13 & 18. August 11th 1882.

W. boundary T. 30 N., R. 35 W., 6th P.M.

Chains	Remarks
	Before proceeding with the exterior of this Township, 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 running. From the cor. to T. 29 & 30 N., Rs. 35 & 36 W., I run North on a random line, bet. secs. 31 & 36. Va. 14° 10' East.
40.00	To a 1/4 sec. cor., which is an earth mound & pits, with stake in N. pit, which I leave in good order.
80.00	To a cor. to secs. 25, 30, 31 & 36, which is an earth mound & pits, with a stake in S. E. pit, which I leave in good order.

W. boundary T. 30 N., R. 35 W., 6th P. M.

Chains.	Remarks.
	North on a random line, bet. secs. 25 & 30. Va. 14° 10' East. After diligent search, being unable to find any corners, I set temporary corners at each 40 chs., and at 20, 40 chs., arrive at a point 40 lks. E. of sta. 14 sec. cor. bet. secs. 19 & 24, which is an earth mound & pits, with stake in N. pit, which I leave in good order, thence I run S. 11 E. on a true line, bet. secs. 19 & 24. Va. 14° 10' East.
40.14	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 19, 24, 25 & 30, dug pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist., & raised a mound of earth, 2 ft. high, 4½ ft. base, over it. In S. E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

W. boundary T. 30 N., R. 35 W., 6th P. M.

Chains.	Remarks.
	T. 30 N., S. 19 on N. E.; R. 35 W., S. 30 on S. E.; R. 36 W., S. 25 on S. W. & S. 24 on N. W. faces, with 2 notches on S. & 4 notches on N. edges.
	S. 11 E. on a true line, bet. secs. 25 & 30. Va. 14° 10' East.
40.10	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. & S. of cor., 5½ ft. dist., & raised a mound of earth, 1½ ft. high, 3½ ft. base over it. In N. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 14 S. on W. face.
80.26	The cor. to secs. 25, 30, 31 & 36.

W. boundary T. 30 N., R. 35 W., 6th P. M.

Chains	Remarks
	From the ¼ sec. cor. bet. secs. 19 & 24, I run North on a random line, bet. secs. 19 & 24. Va. 14° 10' East.
40.00	Found no trace of old cor. to secs. 13, 18, 19 & 24. Set temporary sec. cor.
79.80	To a point 23 lks. W. of ¼ sec. cor. bet. secs. 13 & 18, which is an earth mound, with pits, with stake in N. pit, which I leave in good order; thence I run S. 10' W. on a true line, bet. secs. 13 & 18. Va. 14° 10' East.
39.90	Deposited a quart of charcoal 12 ins. in the ground, for cor. to secs. 13, 18, 19 & 24, dug pits 18 x 18 x 12 ins. in each sec., 5 ½ ft. dist., and raised a mound of earth, 2 ft. high, 4 ½ ft. base, over it. In S. E. pit drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

W. boundary T. 30 N., R. 35 W., 6th P. M.

Chains	Remarks
	T. 30 N., S. 18 on N. E. R. 35 W., S. 19 on S. E. R. 36 W., S. 24 on S. W. & S. 13 on N. W. faces, with 3 notches on N. & N. edges.
	S. 10' W. on a true line, bet. secs. 19 & 24. Va. 14° 10' East.
39.90	To ¼ sec. cor., bet. secs. 19 & 24.
	From the ¼ sec. cor. bet. secs. 13 & 18, I run North on a random line, bet. secs. 13 & 18. Va. 14° 10' East. After diligent search, being unable to find any old corners, I set temporary corners at each 40 chains and at 200.30 chs., arrive at a point 60 lks. W. of old cor. to T. 30 & 31 N., R. 35 & 36 W., which is an earth mound with

W. W. boundary T. 30 N., R. 35 W., 6th P. M.

Chains	Remarks.
	feet, with stake in S. E. pit, which I clean in good order; thence I run S. 10' W. on a true line, bet. secs. 1 & 6. Var. 14° 10' East.
40.30	I deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. & S. of cor., 5 1/2 ft. dist, & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In N. pit, over a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.30	I deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 1, 6, 7 & 12, dug pits 18 x 18 x 12 ins. in each sec, 5 1/2 ft. dist, & raised a mound of earth, 2 ft. high, 4 1/2 ft. base, over it. In S. E. pit, over a stake, 2 ft. long, 2 ins. square, 12 ins.

W. W. boundary T. 30 N., R. 35 W., 6th P. M.

Chains	Remarks.
	in the ground, marked T. 30 N., S. 6 on N. E. R. 35 W., S. 7 on S. E. R. 36 W., S. 12 on S. W. & N. 1 on N. W. faces, with 1 notch on N. & 5 notches on S. edges.
	S. 10' W. on a true line, bet. secs. 7 & 12, Var. 14° 10' East.
40.00	I deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. & S. of cor., 5 1/2 ft. dist, & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In N. pit, over a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.00	I deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 7, 12, 18 & 13, dug pits 18 x 18 x 12 ins. in each sec, 5 1/2 ft. dist, &

W. boundary T. 30 N., R. 35 W., 6th P.M.

Chains

raised a mound of earth, 2ft. high, 4½ft. base, over it. In S.E. pit, over a stake, 2ft. long, 2ins. square, 12ins. in the ground, marked
T. 30 N., S. 7 on N.E.
R. 35 W., S. 18 on S.E.
R. 36 W., S. 13 on S.W. and
S. 12 on N.W. faces, with 4 notches on S. and 2 notches on N. edges.

S. 10 W. on a true line, bet. secs. 13 & 18,
Va. 14° 10' East.

40.00 To cor. ¼ sec. cor., bet. secs. 13 and 18,
August 12th 1882

S. boundary T. 30 N., R. 35 W., 6th P.M.

Chains

From the cor. to Tps. 29 and 30 N., Ro. 35 and 36 W., I run
East on a random line, bet. secs. 6 & 31.
Va. 14° 10' East.

40.00 Found no trace of old ¼ sec. cor.
Set temporary ¼ sec. cor.

79.26 To old cor. to secs. 5, 6, 31 and 32, which is an earth mound and pits, with stake in S.E. pit, which I clean in good order; thence I run
West on a true line, bet. secs. 6 & 31,
Va. 14° 10' East.

40.00 Deposited a quart of charcoal, 12ins. in the ground, dug pits 18x18x12ins. E. and W. of cor., 5½ft. dist., and raised a mound of earth, 1½ft. high, 3½ft. base, over it. In E. pit, over a stake 2ft. long, 2ins. square, 12ins. in the ground, marked 14 S. on N. face,

79.26 The cor. to Tps. 29 and 30 N., Ro. 35 & 36 W.

S. boundary T. 30 N., R. 35 W., 6th P.M.

Chains.	Retracing.
	From the cor. to secs. 5, 6, 31 & 32, 0 mm
	East on a random line, bet. secs. 5 & 32, Va. 14° 10' East.
	After diligent search, being unable to find old corners, I set temporary corners at each 40 chs., and at 160.04 chs., arrive at a point 0.64 chs. N. of said cor. to secs. 3, 4, 33 & 34, which is an earth mound & pits, with a stake in N. E. pit, which I leave in good order; thence 0 mm
	N. 89° 52' W. on a true line, bet. secs. 4 & 33, Va. 14° 10' East.
40.08	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor, dug pits 18 x 18 x 12 ins. E. & W. of cor, 5 1/2 ft. dist, & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In E. pit, down a stake

S. boundary T. 30 N., R. 35 W., 6th P.M.

Chains.	Retracing.
	2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face.
80.17	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 4, 5, 32 & 33, dug pits 18 x 18 x 12 ins. in each sec, 5 1/2 ft. dist, and raised a mound of earth, 2 ft. high, 4 1/2 ft. base, over it. In N. E. pit, down a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 30 N., S. 33 on N. E. R. 35 W., S. 4 on S. E. T. 29 N., S. 5 on S. W. & S. 32 on N. W. faces, with 4 notches on E. & 2 notches on W. edges.
	N. 89° 52' W. on a true line, bet. secs. 5 & 32. Va. 14° 10' East.
40.08	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor,

S. boundary T. 30 N., R. 35 W., 6th P. M.

Chains.	Retracing
	dug pits 18 x 18 x 12 ins. E. & W. of cor., 5½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base, over it. In E. pit drove a stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.
80.17	The cor. to secs. 5, 6, 31 & 32.
	From the cor. to secs. 3, 4, 33 & 34, I run East on a random line, bet. secs. 3 & 34. Va. 14° 10' East.
40.00	Found no trace of a sec. cor. Set temporary 1/4 sec. cor.
80.13	To a point 14 lks. South of sec. cor. to secs. 2, 3, 34 & 35, which is an earth mound & pit, with stake in S. E. pit, which I leave in good order; thence I run

S. boundary T. 30 N., R. 35 W., 6th P. M.

Chains.	Retracing
	S. 89° 52' W. on a true line, bet. secs. 3 & 34. Va. 14° 10' East.
40.06	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. E. & W. of cor., 5½ ft. dist., and raised a mound of earth, 1½ ft. high, 3½ ft. base, over it. In E. pit, drove a stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.
80.13	The cor. to secs. 3, 4, 33 & 34.
	From the cor. to secs. 2, 3, 34 & 35, I run East on a random line, bet. secs. 2 & 35. Va. 14° 10' East.
	after diligent search, being unable to find sec. corners, I set temporary corners at each 40 chs. and at 119.78 chs., arrive at a point

W. S. boundary T. 30 N., R. 35 W., 6th P. M.

Chains	Retracing
	43 lks. South of 1/4 sec. cor. bet. secs. 1 & 36, which is an earth mound & pits, with stake in E. pit, which I clean in good order.
	Thence I run
	S 89° 48' W. on a true line bet. secs. 1 & 36.
	Va. 14° 10' East.
39.92	Deposited a quart of charcoal 12ins. in the ground for cor. to secs. 1, 2, 35 & 36, dug pits 18 x 18 x 12ins. in each sec., 5 1/2 ft. dist., & raised a mound of earth, 2 ft. high, 4 1/2 ft. base over it. In S. E. pit, drove a stake, 2 ft. long, 2ins. square, 12ins. in the ground, marked T. 30 N., S. 36 on N. E. R. 35 W., S. 1 on S. E. T. 29 N., S. 2 on S. W. & R. 35 on N. W. faces, with 1 notch on E. & 5 notches on N. edges.

S. boundary T. 30 N., R. 35 W. 6th P. M.

Chains	Retracing
	S 89° 48' W. on a true line bet. secs. 2 & 35.
	Va. 14° 10' East.
39.93	Deposited a quart of charcoal 12ins. in the ground for 1/4 sec. cor., dug pits 18 x 18 x 12ins. E. & W. of cor., 5 1/2 ft. dist., & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base over it. In E. pit, drove a stake, 2 ft. long, 2ins. square, 12ins. in the ground, marked 1/4 S. on N. face.
79.86	The cor. to secs. 2, 3, 34 & 35.
	From the 1/4 sec. cor. bet. secs. 1 & 36, I run East on a random line bet. secs. 1 & 36.
	Va. 14° 10' East.
40.00	To old cor. to Tps. 29 & 30 N., Rs. 34 & 35 W., which is an earth mound with pits, with stake in N. E. pit, which I clean in good order.

W. E. boundary T. 30 N., R. 35 W., 6th P. M.

Chains.	Remarks.
	From the cor. to Tps. 29 & 30 N., Rs. 34 & 35 W., I run North on a random line, bet. secs. 31 & 36. Va. 14°06' East. After diligent search, being unable to find sec. corners, I set temporary corners at each 40 chs. and at 120.43 chs. arrive at a point 34/100 chs. E. of sec. 1/4 sec. cor. bet. secs. 25 & 30, which is an earth mound & pits, with stake in N. pit, which I leave in good order; thence I run S. 10' E. on a true line, bet. secs. 25 & 36. Va. 14°06' East.
40.14	Deposited a quart of charcoal, 12ins. in the ground, for cor. to secs. 25, 30, 31 & 36, dug pits in each sec. 5½ft. dist., & raised a mound of earth, 2ft. high, 4½ft. base, on it. In S. E. pit,

E. boundary T. 30 N., R. 35 W., 6th P. M.

Chains.	Remarks.
	a row a stake 2ft. long, 2ins. square, 12ins. in the ground, marked T. 30 N., S. 30 on N. E. R. 34 W., S. 31 on S. E. R. 35 W., S. 36 on S. W. & N. D. 25 on N. W. faces, with 1 notch on S. & 5 notches on N. edges.
	S. 10' E. on a true line, bet. secs. 31 & 36. Va. 14°06' East.
40.14	Deposited a quart of charcoal, 12ins. in the ground, dug pits 18×18×12ins. N. & S. of cor., 5½ft. dist., & raised a mound of earth, 1½ft. high, 3½ft. base, on it. In N. pit, a stake 2ft. long, 2ins. square, 12ins. in the ground, marked 1/4 S. on N. face.
50.29	The cor. to Tps. 29 & 30 N., Rs. 34 & 35 W.

W. E. boundary T. 30 N., R. 35 W., 6th P. M.

Chains	Retracing
	From the 1/4 sec. cor. bet. secs. 25 & 30, I run North on a random line, bet. secs. 25 & 30, Va. 14°06' East.
40.02	To old cor. to secs. 19, 24, 25 & 30, which is an earth mound with pits, with stake in S. E. pit, which I clean in good order.
	North on a random line, bet. secs. 19 & 24, Va. 14°06' East.
40.00	Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.
79.82	To a point 11 lks. W. of old cor. to secs. 13, 18, 19 & 24, which is an earth mound & pits, with a stake in S. E. pit, which I clean in good order; thence I run S. 5 W. on a true line, bet. secs. 19 & 24, Va. 14°06' East.
39.91	Deposited a quart of charcoal

E. boundary T. 30 N., R. 35 W., 6th P. M.

Chains	Retracing
	12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. and S. of cor., 5 1/2 ft. dist., & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, on it. In N. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face,
79.82	The cor. to secs. 19, 24, 25 & 30.
	From the cor. to secs. 13, 18, 19 & 24, I run North on a random line, bet. secs. 13 & 18, Va. 14°06' East, after diligent search, being unable to find old corners, I set temporary corners at each 40 chs., and at 159.77 chs., I arrive at a point 30 lks. W. of old cor. to secs. 1, 6, 7 & 12, which is an earth mound & pits, with stake in S. E. pit, which I clean in good order; thence I run

E. boundary T. 30 N., R. 35 W., 6th P.M.

Chains	Retracing
	S. 6' W. on a true line, bet. secs. 7 & 12. Va. 14° 06' East.
39.94	Deposited a quart of charcoal 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. W. & N. of cor., 5 1/2 ft. dist., & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In W. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face,
79.88	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 7, 12, 13 & 18, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth, 2 ft. high, 4 1/2 ft. base, over it. In N. E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 30 N., S. 7 on N. E.

E. boundary T. 30 N., R. 35 W., 6th P.M.

Chains	Retracing
	R. 34 W., S. 18 on N. E. R. 35 W., S. 13 on S. W. & on N. 12 on N. W. faces, with 4 notches on N. and 2 notches on N. edge,
	S. 6' W. on a true line, bet. secs. 13 & 18. Va. 14° 06' East.
39.94	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. W. & N. of cor., 5 1/2 ft. dist., & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In N. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
79.88	To sec. cor. to secs. 13, 18, 19 & 24.
	From this cor. to secs. 1, 6, 7 & 12, I run
	Westerly a random line, bet. secs. 1 & 6.

E. boundary T. 30 N., R. 35 W., 6th P. M.

Chains	Retracing
	Va. 14° 06' East.
40.00	Found no trace of sec. 1/4 sec. cor., Set temporary 1/4 sec. cor.
80.14	To sec. cor. to Tps. 30 and 31 N., Rs. 34 and 35 W., which is an earth mound and pits, with stake in S. E. pit, which I leave in good order; thence I run South on a true line, bet. secs. 1 & 6.
	Va. 14° 06' East.
40.14	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. and S. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base on it. In N. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.14	The cor. to secs. 1, 6, 7 and 12, I carefully examined the adjustments of my Solar Compass today and found it correct. August 16th 1882.

E. boundary T. 29 N., R. 35 W., 6th P. M.

Chains	Retracing
	From the cor. to Tps. 29 and 30 N., Rs. 34 and 35 W., I run South on a random line along boundary,
	Va. 14° 06' East.
	after diligent search, being unable to find sec. corners, I set temporary corners at each 40 chs., and at 159.92 chs. arrive at a point 32 lks. E. of sec. cor. to secs. 7, 12, 13 and 18, which is an earth mound, with pits, with stake in S. E. pit, which I leave in good order;
	thence I run W. & E. on a true line, bet. secs. 7 & 12,
	Va. 14° 06' East.
39.98	Deposited a quart of charcoal 12 ins. in the ground for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. and S. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base on it.

E. boundary T. 29 N., R. 35 W., 6th P.M.

Chains.

In N. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.

79.96 Deposited a quart of charcoal 12 ins. in the ground for cor. to secs. 1, 6, 7 & 12, dug pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist., & raised a mound of earth, 2 ft. high, 4½ ft. base over it. In S. E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 29 N., S. 6 on N. E.
R. 34 W., S. 7 on S. E.
R. 35 W., S. 12 on S. W. & a
S. 1 on N. W. faces, with 1 notch on N. and 5 notches on S. edges.

N. 7° E. on a true line, bet. secs. 1 & 6.
Va. 14° 06' East.

39.98 Deposited a quart of charcoal 12 ins. in the ground, for 1/4 sec. cor.,

E. boundary T. 29 N., R. 35 W., 6th P.M.

Chains.

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

79.96 The cor. to T.ps. 29 & 30 N., Rs. 34 & 35 W.

From the cor. to secs. 7, 12, 13 & 18,
I run
South on a random line bet. secs. 13 & 18.
Va. 14° 06' East.

40.00 To a point 9 chs. West of sec. 1/4 sec. cor., which is an earth mound with pits, with stake in N. pit, which I leave in good order.
The return course is then for N. 5 W.
From the 1/4 sec. cor. I continue South

E. boundary T. 29 N., R. 35 W., 6th P.M.

Chains.	Retracing.
40.00	To a point 11 lks. West of old cor. to secs. 13, 18, 19 & 24, which is an earth mound, with pits, with stake in S. E. pit, which I leave in good order. The return course is therefore N 9' W.
	From the cor. to secs. 13, 18, 19 & 24, I run South on a random line bet. secs. 19 & 24. Va. 14°06' East.
40.00	Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.
79.83	To a point 16 lks. East of old cor. to secs. 19, 24, 25 & 30, which is an earth mound with pits, with stake in S. E. pit, which I leave in good order; thence I run N. 7' E. on a true line, bet. secs. 19 & 24. Va. 14°06' East.
39.91	Deposited a quart of charcoal

E. boundary T. 29 N., R. 35 W., 6th P.M.

Chains.	Retracing.
	12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. & S. of cor., 5 1/2 ft. dist., & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In N. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
79.83	The cor. to secs. 13, 18, 19 & 24.
	From the cor. to secs. 19, 24, 25 & 30, I run South on a random line bet. secs. 25 & 30. Va. 14°06' East. After diligent search being unable to find old corners, I set temporary corners at each 40 chs., and at 120.18 chs., I arrive at at point 40 lks. E. of 1/4 sec. cor. bet. secs. 31 & 36, which is an earth mound, with pits, with stake

E. boundary T. 29 N., R. 35 W., 6th P.M.

Chains.	Remarks
	in N. pit, which I clean in good order; thence I run N. 11' E. on a true line, bet. secs. 31 & 36. Va. 14°06' East.
40.06	I deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 25, 30, 31 & 36, dug pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist, and raised a mound of earth, 2 ft. high, 4½ ft. base, over it. In S. E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 29 N., S. 30 on N. E. R. 34 W., S. 31 on S. E. R. 35 W., S. 36 on S. W. & S. 25 on N. W. faces, with 1 notch on S. & 5 notches on N. edges.

E. boundary T. 29 N., R. 35 W., 6th P.M.

Chains.	
	N. 11 E. on a true line, bet. secs. 25 & 30. Va. 14°06' East.
40.06	I deposited a quart of charcoal, 12 ins. in the ground, for ¼ sec. cor., dug pits 18 x 18 x 12 ins. N. & S. of cor., 5½ ft. dist, and raised a mound of earth, 1½ ft. high, 3½ ft. base, over it. In N. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked ¼ S. on W. face.
80.12	The cor. to secs. 19, 24, 25 & 30.

From the ¼ sec. cor., bet. secs. 31 & 36, I run South on a random line, bet. secs. 31 & 36. Va. 14°06' East.

40.00	To Standard cor. to Tps. 29 N., R. 34 & 35 W., formerly described. I carefully examined my Solar Compass today & found it correct. Aug. 15th 1882.

Chains.	Retracing.
	From the cor. to Tps. 29 and 30 N. R. 34 and 35 W., I run East on a random line, bet. secs. 6 & 31, Va. 14° 06' East.
	after diligent search, failing to find sec. corners, I set temporary corners at each 40 chs, and at 158.61 chs, arrive at a point 40 chs. North of sec. cor. to secs. 5, 6, 32 & 33, which is an earth mound and pits, with stake in S. E. pit, which I leave in good order;
	Thence I run N. 89° 51' W. on a true line, bet. secs 5 and 32, Va. 14° 06' East.
40.00	Deposited a quart of charcoal, 12ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12ins. E. and W. of cor., 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base on it. In E. pit, arose a

Chains.	Retracing.
	stake, 2 ft. long, 2ins. square, 12ins. in the ground, marked 1/4 S. on N. face.
80.00	Deposited a quart of charcoal 12ins in the ground, for cor. to secs. 5, 6, 31 and 32, dug pits 18 x 18 x 12ins. in each sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base on it. In S. E. pit arose a stake 2 ft. long, 2ins. square, 12ins. in the ground, marked T. 30 N., S. 32 on N. E. R. 34 W., S. 5 on S. E. T. 29 N., S. 6 on S. W. and S. 31 on N. W. faces, with 1 notch on W. and 5 notches on E. edges.
	N. 89° 51' W. on a true line, bet. secs 6 & 31 Va. 14° 06' East.
40.00	Deposited a quart of charcoal 12ins. in the ground, for 1/4 sec. cor.,

Courses	Retracing
	dug pits 18×18×12ins. E. & W. of cor., 5½ft. dist., & raised a mound of earth, 1½ft. high, 3½ft. base, over it. In E. pit, drove a stake 2ft. long, 2ins. square, 12ins. in the ground, marked ¼ S. on N. face.
78.61	The cor. to Tps. 29 & 30 N., Rs. 34 & 35 W.
	From the cor. to secs. 4, 5, 32 & 33, I run East on a random line bet. secs. 4 & 33, Va. 14° 06' East
40.00	Found no trace of old ¼ sec. cor. Set temporary ¼ sec. cor.
80.20	To a point 16 lks. South of cor. to secs. 3, 4, 33 & 34, which is an earth mound, with pits on each sec., 5½ft. dist., & a stake in S. E. pit, which I learn in

Courses	Retracing
	good order; thence I run S. 89° 53' W. on a true line bet. secs. 4 & 33, Va. 14° 06' East.
40.10	Deposited a quart of charcoal 12ins. in the ground, for ¼ sec. cor., dug pits 18×18×12ins. E. & W. of cor., 5½ft. dist., & raised a mound of earth, 1½ft. high, 3½ft. base, over it. In E. pit, drove a stake 2ft. long, 2ins. square, 12ins. in the ground, marked ¼ S. on N. face.
80.20	The cor. to secs. 4, 5, 32 & 33.
	From the cor. to secs. 3, 4, 33 & 34, I run East on a random line, bet. secs. 3 & 34, Va. 14° 06' East. After diligent search, being unable to find old corner, I set temporary corners at each 40 chs., and at

N. boundary T. 29 N., R. 34 W., 6th P.M.

Chains	Retracing
	119.90 chs. arrive at a point 25 lks. N. of 1/4 sec cor, bet. secs. 2 and 35, which is an earth mound, with pits, with stake in E. pit, which I leave in good order; thence I run S. 89°53' W. on a true line, bet. secs. 2 & 35. Va. 14°06' East
39.97	I deposited a quart of charcoal 12 ins. in the ground for cor. to secs. 2, 3, 34 and 35, dug pits 18x18x12 ins. in each sec, 5 1/2 ft. dist, and raised a mound of earth, 2 ft. high, 4 1/2 ft. base over it. In S. E. pit I drove a stake 2 ft. long, 2 ins. square, 12 ins in the ground marked T. 30 N., R. 35 on N. E. R. 34 W., R. 2 on S. E. T. 29 N., R. 3 on S. W. and T. 34 on N. W. faces, with 2 notches on E. and 4 notches on W. edges.

N. boundary T. 29 N., R. 34 W., 6th P.M.

Chains	Retracing
	S. 89°53' W. on a true line, bet. secs. 3 & 34. Va. 14°06' East.
39.97	I deposited a quart of charcoal 12 ins. in the ground, for 1/4 sec. cor., dug pits 18x18x12 ins. E. & W. of corner, 5 1/2 ft. dist, and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base over it. In E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 T. on N. face.
79.93	The cor. to secs. 3, 4, 33 and 34,

From the 1/4 sec. cor. bet. secs. 2 and 35, I run East on a random line, bet. secs. 2 & 35. Va. 14°06' East.

After diligent search, being unable to find sec corners, I set temporary corners at each 80 chs, and at 120.37 chs, arrive at a point 14 lks.

N. boundary T. 29 N., R. 34 W., 6th P.M.

Columns	Retracing
	N. of cor. to T. 29 & 30 N., Rs. 33 & 34 W., which is an earth mound & pits, with stake in N.E. pit, which I clean in good order; thence I run N. 89° 56' W. on a true line, bet. secs. 1 & 36. Va. 14° 06' East.
M.O. 12	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. E. & W. of corner, 5½ ft. dist., & raised a mound of earth, 1½ ft. high, 3½ ft. base, over it. In E. pit, drove stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face.
M.O. 24.	Deposited a quart of charcoal 12 ins. in the ground, for cor. to secs. 1, 2, 35 & 36, dug pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist., and raised a mound of

N. boundary T. 29 N., R. 34 W., 6th P.M.

Columns	Retracing
	earth, 2 ft. high, 4½ ft. base, over it. In N.E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 30 N., R. 36 on N.E. R. 34 W., R. 1 on S.E. T. 29 N., R. 2 on S.W. & R. 35 on N.W. faces, with 1 notch on E. & 5 notches on W. edges.
	N. 89° 56' W. on a true line, bet. secs. 2 & 35. Va. 14° 06' East.
M.O. 13	To 1/4 sec. cor., bet. secs. 2 & 35.

E. boundary T. 29 N., R. 34 W., 6th P. M.

Chains.	Retracing.
	From the cor. to Tps. 29 & 30 N., Rs. 33 & 34 W., I run South on a random line, bet. secs. 1 & 6. Va. 14° 06' East.
40.00	Found no trace of sec. 1/4 sec. cor. Set temporary 1/4 sec. cor.
80.00	To a point 16 lks. E. of sec. cor. to secs. 1, 6, 7 & 12, which is an earth mound & pits, with stake in S.E. pit, which I clean in good order; thence I run N. 7' E. on a true line, bet. secs. 1 & 6. Va. 14° 05' East.
110.00	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. & S. of cor., 5 1/2 ft. dist., & raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, over it, drove stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on W. face.
80.00	The cor. to Tps. 29 & 30 N., Rs. 33 & 34 W.

E. boundary T. 29 N., R. 34 W., 6th P. M.

Chains.	Retracing.
	From the cor. to secs. 1, 6, 7 & 12 I run South on a random line, bet. secs. 7 & 12. Va. 14° 05' East.
39.76	To sec. 1/4 sec. cor., which is an earth mound & pits, with stake in N. pit, which I clean in good order; thence I run South on a random line
40.00	Found no trace of old cor. to secs. 7, 12, 13 & 18. Set temporary sec. cor.
80.23	To sec. 1/4 sec. cor. bet. secs. 13 & 18, which is an earth mound & pits, with stake in N. pit, which I clean in good order; thence I run North on a true line, bet. secs. 13 & 18. Va. 14° 05' East.
40.11	Deposited a quart of charcoal 12 ins. in the ground, for cor. to secs. 7, 12, 13 & 18, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft.

E. boundary T. 29 N., R. 34 W., 6th P.M.

Chains.	Retracing.
	dist, and raises a mound of earth, 2ft. high, 4½ft. base over it. In S.E. pit, drive a stake 2ft. long, 2ins. square, 12ins. in the ground, marked T. 29 N., S. 7 on N.E. R. 33 W., S. 18 on S.E. R. 34 W., S. 13 on S.W. ea. S. 12 on N.W. faces, with 2 notches on N. ea. & 4 notches on S. edges.
	North on a true line, bet. secs. 7 & 12. Va. 14°05' East.
40.12	To ¼ sec. cor., bet. secs. 7 & 12.
	From the ¼ sec. cor. bet. secs. 13 & 18, I run North on a random line, bet. secs. 13 & 18. Va. 12°05' East. After diligent search, failing to find old corner, I set temporary

E. boundary T. 29 N., R. 34 W., 6th P.M.

Chains.	Retracing.
	corner at each 40 chs., and at 160.14 chs., arrive at a point 4.34 chs. W. of old ¼ sec. cor. bet. secs. 25 and 30, which is an earth mound, with pits, with stake in N. pit, which I leave in good order; thence I run T. 9' W. on a true line, bet. secs. 25 & 30. Va. 14°05' East.
40.04	I deposited a quart of charcoal, 12ins. in the ground, for cor. to secs. 19, 24, 25 & 30, dug pits 18×18×12ins. in each sec., 5½ft. dist, ea. raises a mound of earth, 2ft. high, 4½ft. base over it. In S.E. pit, drive a stake, 2ft. long, 2ins. square, 12ins. in the ground, marked T. 29 N., S. 19 on N.E. R. 33 W., S. 30 on S.E. R. 34 W., S. 25 on S.W. ea. S. 24 on N.W. faces, with 2 notches on S. ea. & 4 notches on N. edges.

E. boundary T. 29 N., R. 34 W., 6th P.M.

Chains	Remarks
	N. 9' W. on a true line, bet. secs. 19 & 24. Va. 14° 05' East.
40.03	Deposited a quart of charcoal, 12ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12ins. N. & S. of cor., 5½ft. dist., and raised a mound of earth, 1½ft. high, 7½ft. base, over it. In N. pit arm a stake, 2ft. long, 2ins. square, 12ins. in the ground, marked 1/4 S. on W. face.
80.06	Deposited a quart of charcoal, 12ins. in the ground, for cor. to secs. 13, 18, 19 & 24, dug pits 18 x 18 x 12ins. in each sec., 5½ft. dist., & raised a mound of earth, 2ft. high, 4½ft. base over it. In S.E. pit, arm a stake 2ft. long, 2ins. square, 12ins. in the ground, marked T. 29 N., R. 33 W., S. 18 on N.E. R. 33 W., S. 19 on S.E. R. 34 W., S. 24 on S.W. & S. 13 on N.W. faces, with 3 notches on N. & W. edges.

E. boundary T. 29 N., R. 34 W., 6th P.M.

Chains	Remarks
	N. 9 W. on a true line, bet. secs. 13 & 18. Va. 14° 05' East.
40.04	To 1/4 sec. cor., bet. secs. 13 & 18.
	From the 1/4 sec. cor. bet. secs. 25 & 30, I run South on a random line, bet. secs. 25 & 30. Va. 14° 05' East.
40.00	Found no trace of orig. cor. to secs. 25, 30, 31 & 36. Set temporary sec. cor.
80.00	Found no trace of orig. 1/4 sec. cor., bet. secs. 31 & 36. Set temporary 1/4 sec. cor.
120.30	To a point 19 lks. W. of standard cor. to Tps. 29 N., Rs. 33 & 34 W., previously described; thence I run N. 5' W. on a true line, bet. secs. 31 & 36. Va. 14° 20' East.
40.10	Deposited a quart of charcoal, 12ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12ins. N. & S. of cor., 5½ft. dist., and raised a mound of earth, 1½ft.

E. boundary T. 29 N., R. 34 W., 6th P. M.

Chains.	Retracing
	high, 3½ft. base, cor. at the N. pit, drove a stake, 2ft. long, 2ins. square, 12ins. in the ground, marked ¼ S. on W. face.
80.20	Deposited a quart of charcoal, 12ins. in the ground, for cor. to secs. 25, 30, 31 & 36, dug pits 18 x 18 x 12ins. in each sec., 5½ft. dist., and raised a mound of earth, 2ft. high, 4½ft. base, over it. In S.E. pit, drove a stake, 2ft. long, 2ins. square, 12ins. in the ground, marked T. 29 N., T. 30 on N.E. R. 33 W., T. 31 on S.E. R. 34 W., T. 36 on S.W. and T. 25 on N.W. faces, with 1 notch on W. and 5 notches on N. edges.
	N. 5 W. on a true line, bet. secs. 25 & 30, Va. 14° 05' East.
140.10	To ¼ sec. cor., bet. secs. 25 & 30. I carefully examined my Solar Compass today and found it correct. August 16th 1882.

W. boundary T. 28 N., R. 35 W., 6th P. M.

Chains.	Retracing.
	Before proceeding with the exterior of this Township, 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 morning. From the closing cor. to Tps. 28 N., Rs. 35 and 36 W., previously described, I run North on a random line, bet. secs. 1 & 6, Va. 14° 20' East,
38.21	To sec ¼ sec. cor., which is an earth mound and pits, with stake in N. pit, which I learn in good order. From the ¼ sec cor, I continue North
140.00	To a point 10 lks. E. of sec cor. to secs. 1, 6, 7 and 12, which is an earth

W. boundary T. 28 N., R. 35 W., 6th P. M.

Chains.	Retracing.
	found ~~and~~ pits, with stake in S. E. pit, which I leave in good order. The return course is thence N. 9' E.
	South on a random line, bet. secs. 7 and 12. Var. 14° 25' East.
40.00	To a point 6 lks. E. of sec 1/4 sec. cor., which is an earth mound with pits, with stake in N. pit, also marked for Meander Cor, which I leave in good order. The return course is thence N. 5' E. From the 1/4 sec. cor, I continue South,
40.20	To sec cor. to secs. 7, 12, 13 and 18, which is an earth mound and pits with stake in N. E. pit, which I leave in good order.

W. boundary T. 28 N., R. 35 W., 6th P. M.

Chains.	Retracing.
	South on a random line, bet. secs. 13 & 18. Var. 14° 20' East.
40.16	To a point 12 lks. W. of sec 1/4 sec. cor, which is an earth mound with pits, with stake in N. pit, which I leave in good order. The return course is thence N. 10' W. From the 1/4 sec. cor, I continue South
79.87	To a point 4 lks. E. of sec cor. to secs. 13, 18, 19 and 24, which is an earth mound and pits, with stake in S. E. pit, which I leave in good order. The return course is thence N. 5' E.
	South on a random line, bet. secs. 19 & 24. Var. 14° 30' East.
40.00	Found no trace good 1/4 sec. cor. Set temporary 1/4 sec. cor.
79.94	To a point 5 lks W. of cor. to secs. 19, 24, 25 & 30, which falls in Lake and has not been

W. boundary T. 28 N., R. 35 W., 6th P.M.

Chains.	Retracing.
	previously established. The water being low, I deposit a charred stake, 12 ins. in the ground, for cor. to secs. 19, 24, 25 & 30, dug pits in each sec., 5½ ft. dist., & raised a mound of earth, 2 ft. high, 4½ ft. base, over it. In S. E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 28 N., S. 19 on N. E. R. 35 W., S. 30 on S. E.; R. 36 W., S. 25 on S. W. and S. 24 on N. W. faces, with 2 notches on S. & 4 notches on N. edges;
	thence I run
	N. 3 W. on a true line, bet. secs. 19 & 24.
	Var. 14° 30' East.
39.97	Deposited a charred stake, 12 ins. in the ground, for ¼ sec. cor., dug pits 18 x 4 x 12 ins. N. & S. of cor., 5½ ft. dist., & raised a mound of earth, 1½ ft. high, 3½ ft. base, over it. In N. pit drove a stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked ¼ S. on W. face,
79.94	The cor. to secs. 13, 18, 19 & 24.

W. boundary T. 28 N., R. 35 W., 6th P.M.

Chains.	Retracing.
	South on a random line, bet. secs. 25 & 30.
	Var. 14° 30' East.
40.00	To a ¼ sec. cor., which is an earth mound & pits, with stake in N. pit, which I leave in good order.
79.92	To a cor. to secs. 25, 30, 31 & 36, which is an earth mound & pits, with stake in N. E. pit, which I leave in good order.
	South on a random line, bet. secs. 31 & 36.
	Var. 14° 30' East.
40.00	Found no trace of a ¼ sec. cor. Set temporary ¼ sec. cor.
79.83	To a point 13 lks. E. of a cor. to Tps. 27 & 28 N., Rs. 35 & 36 W., which is an earth mound & pits with stake in S. E. pit, which I leave in good order; thence I run
	N. 6 E. on a true line, bet. secs. 31 & 36.
	Var. 14° 30' East.

W. boundary T. 28 N., R. 35 W., 6th P. M.

Chains.	Retracing.
39.91	Deposited a quart of charcoal, 1 cubic in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. and S. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In N. pit, drove stake 2 ft. long, 2 ins. square, 1 ins. in the ground, marked 1/4 S. on W. face.
79.83	The cor. to secs. 25, 30, 31 and 36.

S. boundary T. 28 N., R. 35 W., 6th P. M.

Chains.	Retracing.
	Before proceeding further with the extension of this Township, 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 the correctness of my observation on the sun I also further tested instrument by running.
	From the cor. to Tps. 27 and 28 N., Rs. 35 and 36 W., I run East on a random line, bet. secs. 6 & 31. Va. 14° 30' East.
4.82	To a point 11 lks. N. of sec 1/4 sec. cor, which is an earth mound and pits, with stake in E. pit, which I leave in good order. The return course is therefore N. 89° 51' W. From the 1/4 sec. cor, I continue East.
40.18	To a point 30 lks. N. of sec cor.

Chains.	Retracing.
	to secs. 5, 6, 31 & 32, which is an earth mound with pits in each sec., 5 ft. dist., & a stake in S. E. pit, which I leave in good order.
	The return course is thence N. 89° 34' W.
	East on a random line bet. secs. 5 & 32, Va. 14° 30' East.
40.00	To a point 15 lks. N. of cor. 1/4 sec. cor., which is an earth mound and pits, with stake in E. pit, which I leave in good order.
	The return course is thence N. 89° 42' W.
	From the 1/4 sec. cor., I continue East
40.12	To a point 22 lks. N. of sec. cor. 4 secs. 4, 5, 32 & 33, which is an earth mound & pits, with stake in S. E. pit, which I leave in good order.
	The return course is thence N. 89° 41' W.

Chains.	Retracing.
	East on a random line, bet. secs. 4 & 33, Va. 14° 30' East.
40.00	To a point 12 lks. N. of old 1/4 sec. cor., which is an earth mound and pits, with stake in E. pit, which I leave in good order.
	The return course is thence N. 89° 50' W.
	From the 1/4 sec. cor., I continue East.
39.89	To a point 25 lks. North of old cor. to secs. 3, 4, 33 & 34, which is an earth mound & pits, with stake in S. E. pit, which I leave in good order.
	The return course is thence N. 89° 39' W.
	East on a random line, bet. secs. 3 & 34. Va. 14° 30' East.
40.00	To a point 14 lks. North of sec. 1/4 sec. cor., which is an earth mound and pits, with stake in E. pit, which I leave in good order.
	The return course is thence N. 89° 48' W.
	From the 1/4 sec. cor. I continue East

S. boundary T. 28 N., R. 35 W., 6th P.M.

Chains	Retracing
39.92	To a point 20 lks. N. of sec. cor. to secs. 2, 3, 34 & 35, which is an earth mound & pits, with a stake in N. E. pit, which I leave in good order. The return course is thence N 89° 48' W.
	East on a random line, bet. secs. 2 & 35. Va. 14° 35' East.
40.00	To a point 18 lks. N. of sec 1/4 sec. cor., which is an earth mound & pits, with stake in E. pit, which I leave in good order. The return course is thence N 89° 40' W. From the 1/4 sec. cor, I continue East.
39.95	To a point 23 lks. N. of sec cor to secs. 1, 2, 35 & 36, which is an earth mound and pits, with stake in N. E. pit, which I leave in good order. The return course is thence N 89° 40' W.

S. boundary T. 28 N., R. 35 W., 6th P.M.

Chains	Retracing
	East on a random line bet. secs. 1 & 36, Va. 14° 35' East.
40.00	To a point 6 lks. N. of sec 1/4 sec. cor, which is an earth mound and pits, with stake in E. pit, which I leave in good order. The return course is thence N 89° 55' W. From the 1/4 sec. cor, I continue East.
40.00	To a point 21 lks. North of sec cor. to Tps. 27 & 28 N, Rs. 34 & 35 W, which is an earth mound & pits, with stake in N. E. pit, which I leave in good order. The return course is thence N 89° 46' W.

August 18th 1882.

E. boundary T. 28 N., R. 35 W., 6th P. M.

Chains.	Remarks.
	From the cor. to Tps. 27 and 28 N., Rs. 34 and 35 W., I run North on a random line, bet. secs. 31 & 36, Va. 14° 30' East.
40.00	To sec. 1/4 sec. cor, which is an earth mound and pits, with stake in N. pit, which I leave in good order.
80.00	To sec. cor. to secs. 25, 30, 31 & 36, which is an earth mound and pits, with stake in S. E. pit, which I leave in good order.
	North on a random line, bet. secs. 25 & 30. Va. 14° 30' East.
40.00	To a point 5 lks. E. of sec. 1/4 sec. cor, which is an earth mound and pits, with stake in N. pit which I leave in good order. The return course is thence S. 4' E. From the 1/4 sec. cor, I continue North

E. boundary T. 28 N., R. 35 W., 6th P. M.

Chains.	Remarks.
40.17	To a point 5 lks. E. of sec. cor. to Secs. 19, 24, 25 and 30, which is an earth mound and pits, with stake in S. E. pit, which I leave in good order. The return course is thence S. 4' E.
	North on a random line, bet. secs. 19 & 24, Va. 14° 10' East.
40.00	To sec. 1/4 sec. cor, which is an earth mound and pits, with stake in N. pit, which I leave in good order. From the 1/4 sec. cor, I continue N.
40.22	To a point 7 lks. W. of sec. cor. to Secs. 13, 18, 19 and 24, which is an earth mound and pits, with stake in S. E. pit, which I leave in good order. The return course is thence S. 6' W.

E. boundary T. 28 N., R. 35 W., 6th P.M.

Chains.	Remarks.
	North on a random line, bet. secs. 1 & 12. Va. 14° 25' East.
40.00	To a point 11 lks. E. of sec. 1/4 sec. cor., which is an earth mound & pits, with stake in N. pit, which I clean in good order. The return course is Bearing S. 9' E. From the 1/4 sec. cor., I continue N.
40.00	To a point 10 lks. W. of sec. cor. to secs. 7, 12, 13 & 18, which is an earth mound & pits, with stake in S. E. pit, which I clean in good order. The return course is Bearing S. 9' W.
	North on a random line, bet. secs. 7 & 12. Va. 14° 25' East.
40.16	To a point 5 lks. E. of sec. 1/4 sec. cor., which is an earth mound and pits, with stake in N. pit, which I clean in good order.

E. boundary T. 28 N., R. 35 W., 6th P.M.

Chains.	Remarks.
	The return course is Bearing S. 4' E. From the 1/4 sec. cor., I continue North.
39.84	To a point 5 lks. W. of sec. cor. to secs. 1, 6, 7 & 12, which is an earth mound & pits, with stake in S. E. pit, which I clean in good order. The return course is Bearing S. 4' W.
	North on a random line, bet. secs. 1 & 6. Va. 14° 20' East.
40.18	To sec. 1/4 sec. cor., which is an earth mound & pits, with stake in N. pit, which I clean in good order.
81.00	To Closing cor. to Tps. 28 N., Rs. 34 & 35 W., previously established.

S. boundary T. 28 N., R. 34 W., 6th P. M.

Chains.	Remarks.
	From the cor. to T. pts. 27 & 28 N., Rs. 3 & 4 35 W., I run East on a random line, bet. secs. 6 & 31. Va. 14° 30' East.
42.25	To a point 7 lks. South of sec. 1/4 sec. cor, which is an earth mound and pits, with stake in E. pit, which I leave in good order. The return course is thence N 89° 54' W. From the 1/4 sec. cor, I continue East.
40.41	To a point 12 lks. South of sec. cor. to secs. 5, 6, 31 & 32, which is an earth mound & pits, with stake in N. E. pit, which I leave in good order. The return course is thence N 89° 50' W.
	East on a random line, bet. secs. 5 & 32. Va. 14° 20' East.
40.00	To a point 12 lks. South of sec. 1/4 sec. cor, which is an earth

S. boundary T. 28 N., R. 34 W., 6th P. M.

Chains.	Remarks.
	mound and pits, with stake in E. pit, which I leave in good order. The return course is thence N 89° 50' W. From the 1/4 sec. cor, I continue East.
40.00	To sec. cor. to secs. 4, 5, 32 & 33, which is an earth mound & pits, with stake in N. E. pit, which I leave in good order.
	East on a random line, bet. secs. 4 & 33. Va. 14° 25' East
40.00	To sec. 1/4 sec. cor, which is an earth mound & pits, with stake in E. pit, which I leave in good order.
40.09	To sec. cor. to secs. 3, 4, 33 & 34, which is an earth mound & pits, with stake in N. E. pit, which I leave in good order.

S. boundary T. 28 N., R. 34 W., 6th P. M.

Chains	Retracing.
	East on a random line, bet. secs. 35 & 34. Var. 14° 35' East.
40.13	To a point 5 lks. South of cor. 1/4 sec. cor., which is an earth mound & pits, with stake in E. pit, which I leave in good order. The return course is thence S. 89° 56' W.
39.99	To a point 14 lks. South of cor. to secs. 2, 3, 34 & 35, which is an earth mound & pits, with stake in N. E. pit, which I leave in good order. The return course is thence S. 89° 48' W.
	East on a random line, bet. secs. 2 & 35. Var. 14° 35' East.
40.00	To a point 9 lks. South of cor. 1/4 sec. cor., which is an earth mound & pits, with stake in E. pit, which I leave in good order. The return course is thence S. 89° 52' W.

S. boundary T. 28 N., R. 34 W., 6th P. M.

Chains	Retracing.
39.90	To a point 9 lks. South of cor. to secs. 1, 2, 35 & 36, which is an earth mound & pits, with stake in N. E. pit, which I leave in good order. The return course is thence S. 89° 52' W.
	East on a random line, bet. secs. 1 & 36. Var. 14° 30' East.
40.07	To cor. 1/4 sec. cor., which is an earth mound & pits, with stake in E. pit, which I leave in good order.
79.84	To cor. to Tps. 27 & 28 N., Rs. 33 & 34 W., which is an earth mound & pits, with stake in N. E. pit, which I leave in good order. I carefully examined the adjustments of my Solar Compass today, particularly the latitude and morning apparatus & found it correct. August 19th 1872.

E. boundary T. 28 N., R. 34 W., 6th P. M.

Chains.	Retracing.
	From the cor. to Tps. 27 and 28 N., Rs. 33 and 34 W., I run North on a random line, bet. secs. 31 & 36, Va. 14° 20' East.
40.00	To sec. 1/4 sec. cor., which is an earth mound and pits, with stake in N. pit, which I leave in good order. I continue N after diligent search, being unable to find corners on line, I set temporary corners at each 40 chs., and at 119.86 chs., I arrive at a point 30 lks. W. of sec. cor. to secs. 19, 24, 25 and 30, which is an earth mound and pits, with stake in S. E. pit, which I leave in good order; thence I run S. 9 W. on a true line, bet. secs. 25 & 30. Va. 14° 35' East.
39.95	Deposited a quart of charcoal 12 ins. in the ground, for 1/4 sec. cors.

E. boundary T. 28 N., R. 34 W., 6th P. M.

Chains.	Retracing.
	dug pits 18 x 18 x 12 ins. N. and S. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In N. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
79.90	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 25, 30, 31 and 36, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist. and raised a mound of earth, 2 ft. high, 4 1/2 ft. base, over it. In S. E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 28 N., S. 30 on N. E. R. 33 W., S. 31 on S. E. R. 34 W., S. 36 on S. W. and S. 25 on N. W. faces, with 1 notch on S. and 5 notches on N. edges.

Chains	Retracing
	S. 9 W. on a true line, bet. secs. 31 & 36. Va. 14° 20' East.
39.96	To 1/4 sec. cor., bet. secs. 31 & 36.
	From the cor. to secs. 19, 24, 25 & 30, I run North on a random line, bet. secs. 19 & 24. Va. 14° 35' East.
39.89	To a point 6 lks. E. of sec 1/4 sec. cor., which is an earth mound & pits, with stake in N. pit, which I clean in good order. The return course is thence S. 5' E. From the 1/4 sec. cor., I continue N.
40.05	To a point 9 lks. E. of sec cor. to secs. 13, 18, 19 and 24, which is an earth mound and pits, with stake in S.E. pits, which I clean in good order. The return course is thence S. 8' E.

Chains	Retracing
	North on a random line, bet. secs. 13 & 18. Va. 15° 00' East
40.00	Found no trace of sec 1/4 sec. cor. Set temporary 1/4 sec. cor.
80.12	To sec cor. to secs. 7, 12, 13 & 18, which is an earth mound and pits, with stake in S. E. pit, which I clean in good order; thence I run South on a true line, bet. secs. 13 & 18. Va. 14° 20' East.
40.06	I deposited a quart of charcoal, 12 ins. in the ground, at 1/4 sec cor., dug pits 18 x 18 x 12 ins. W. & N. of cor. 5 1/2 ft. dist, and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, on it. In N. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.12	The cor. to secs. 13, 18, 19 & 24.

E. boundary T. 28 N., R. 34 W., 6th P. M.

Chains.	Retracing.
	From the cor. to secs. 7, 12, 13 & 18, I run
	North on a random line, bet. secs. 7 & 12,
	Va. 14° 20' East,
40.00	Found no trace of a 1/4 sec. cor. Set temporary 1/4 sec. cor.
80.19	To a point 8 lks. W. of sec. cor. to secs. 1, 6, 7 & 12, which is an earth mound & pits, with stake in N. E. pit, which I leave in good order; thence I run S. 3' W. on a true line, bet. secs. 7 & 12,
	Va. 14° 15' East.
40.09	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor, dug pits 18 x 18 x 12 ins. N. & S. of cor, 5 1/2 ft. dist, and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In N. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.19	The cor. to secs. 7, 12, 13 & 18.

E. boundary T. 28 N., R. 34 W., 6th P. M.

Chains.	Retracing.
	From the cor. to secs. 1, 6, 7 & 12, I run
	North on a random line, bet. secs. 1 & 6.
	Va. 14° 15' East.
40.00	To a 1/4 sec. cor., which is an earth mound, with pits, with stake in N. pit, which I leave in good order.
80.92	To Closing Cor. to Tps. 28 N., Rs. 33 & 34 W., previously described.

N. boundary T. 28 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	From the cor. to Tps. 27 & 28 N., Rs. 33 & 34 W., I run East on a random line, bet. secs. 6 & 31. Va. 14° 20' East.
40.00	Found no trace of our 1/4 sec. cor. Set temporary 1/4 sec. cor.
77.58	To our cor. to secs. 5, 6, 31 & 32, which is an earth mound & pits, with stake in N. E. pit, which I leave in good order; thence I run West on a true line, bet. secs. 6 & 31. Va. 14° 58' East.
40.00	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. E. & W. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face.
77.58	The cor. to Tps. 27 & 28 N., Rs. 33 & 34 W.

N. boundary T. 28 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	From the cor. to secs. 5, 6, 31 & 32. I run East on a random line, bet. secs. 5 & 32. Va. 14° 58' East.
40.00	To a point 10 lks. South of our 1/4 sec. cor., which is an earth mound and pits, with stake in E. pit, which I leave in good order. The return course is thence S. 89° 51' W. From the 1/4 sec. cor., I continue East, after diligent search, being unable to find our corners, I set temporary corners at each 40 chs., and at 120.16 chs., I arrive at a point 23 lks. N. of cor. to secs. 3, 4, 33 & 34 which is an earth mound & pits, with stake in N. E. pit, which I leave in good order; thence I run N. 89° 53' W. on a true line, bet. secs. 4 & 33. Va. 14° 49' East.
110.05	Deposited a quart of charcoal, 12 ins.

Chains.	Remarks.
	in the ground, for 1/4 sec. cor, dug pits 18 x 18 x 12 ins. E. and W. of cor., 5 1/2 ft. dist, and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base over it. In E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face.
80.11	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 4, 5, 32 & 33, dug pits 18 x 18 x 12 ins. in each sec, 5 1/2 ft. dist, and raised a mound of earth, 2 ft. high, 4 1/2 ft. base over it. In S. E. pit drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 28 N., S. 33 on N. E. R. 33 W., S. 4 on S. E. T. 27 N., S. 5 on S. W. and S. 32 on N. W. faces, with 4 notches on E. and 2 notches on W. edges.

Chains.	Remarks.
	N. 89° 53' W. on a true line, bet. secs. 5 & 32. Var. 14° 51' East.
40.05	To 1/4 sec. cor, bet. secs. 5 and 32.

	From the cor. to secs. 3, 4, 33 & 34, I run East on a random line, bet. secs. 3 & 34. Var. 14° 49' East
40.00	Found no trace of orig 1/4 sec. cor. Set temporary 1/4 sec. cor.
80.04	To a point 5 lks. N. of cor. to secs. 2, 3, 34 and 35, which is an earth mound and pits, with stake in S. E. pit which I clean in good order.
	Thence I run
	N. 89° 57' W. on a true line, bet. secs. 3 & 34. Var. 14° 55' East.
40.02	Deposited a quart of charcoal 12 ins. in the ground, for 1/4 sec. cor, dug pits 18 x 18 x 12 ins. E. and W. of cor, 5 1/2 ft dist, and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base over it.

S. boundary T. 28 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	In E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face.
80.04	The cor. to secs. 3, 4, 33 & 34.
	From the cor. to secs. 2, 3, 34 & 35, I run East on a random line, bet. secs. 2 & 35. Va. 14° 58' East. After diligent search, being unable to find sec. corners, I set temporary corners at each 40 chs., and at 160.10 chs., unity at a point 17 chs. North of sec. cor. to Tps. 27 & 28 N., Rs. 32 & 33 W., properly described, from which cor., I run S. 89° 56' W. on a true line, bet. secs. 1 & 36. Va. 14° 10' East.
40.02	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 15 x 18 x 12 ins. E. & W. of cor., 5 1/2 ft.

S. boundary T. 28 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face.
80.05	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to Secs. 1, 2, 35 & 36, dug pits 14 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., & raised a mound of earth, 2 ft. high, 4 1/2 ft. base, over it. In S. E. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 28 N., S. 36 on N. E. R. 33 W., S. 1 on S. E. T. 27 N., S. 2 on S. W. & S. 35 on N. W. faces, with 1 notch on E. & 5 notches on W. edges.
	S. 89° 56' W. on a true line, bet. secs. 2 & 35. Va. 15° 00' East.

S. boundary T. 28 N., R. 33 W., 6th P.M.

Chains	Retracing
110.02	Deposited a quart of charcoal 12ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12ins. E. and W. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In E. pit, drove a stake, 2 ft. long, 2ins. square, 12ins. in the ground, marked 1/4 S. on N. face.
82.05	The cor. to secs. 2, 3, 34 and 35. I carefully examined the adjustments of my Solar Compass today, particularly the latitude and mining apparatus and found them correct. August 21st 1882.

W. boundary T. 27 N., R. 33 W., 6th P.M.

Chains	Retracing
	From the cor. to Tps. 27 and 28 N. Rs. 33 and 34 W., I run South on a random line, along boundary Va. 14° 20' East. After diligent search, being unable to find old corners, I set temporary corners at each 40 chs., and at 120.11 chs. arrive at a point 20 lks. E. of old 1/4 sec. cor., bet. secs. 7 and 12, which is an earth mound and pits, with stake in N. pit, which I leave in good order; thence I run N. 6' E. on a true line bet. secs. 7 & 12. Va. 14° 20' East.
110.00	Deposited a quart of charcoal, 12ins. in the ground, for cor. to secs. 1, 6, 7 and 12, dug pits 18 x 18 x 12ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth, 2 ft. high, 4 1/2 ft. base, over it. In N. E. pit, drove a stake, 2 ft. long, 2ins. sq.,

W. boundary T. 27 N., R. 33 W., 6th P.M.

Chains.	Remarks.
	12 ins. in the ground, marked T. 27 N., D. 6 on N. E. R. 33 W., D. 7 on S. E. R. 34 W., D. 12 on S. W. cor. D. 1 on N. W. faces, with 1 notch on N. cor. 5 notches on S. edges.
	N. 6' E. on a true line, bet. secs. 1 & 6. Va. 14° 20' East.
40.00	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. & S. of cor., 5½ ft. dist., & raised a mound of earth, 1½ ft. high, 3½ ft. base, on it. In N. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face,
80.11	The cor. to Tps. 27 & 28 N., Rs. 33 & 34 W.

W. boundary T. 27 N., R. 33 W., 6th P.M.

Chains.	Remarks.
	From the 1/4 sec. cor., bet. secs. 7 & 12, I run South on a random line, along boundary, Va. 14° 20' East.
40.00	Found no trace of sec. cor. to secs. 7, 12, 13 & 18. Set temporary sec. cor.
77.56	To 1/4 sec. cor., bet. secs. 13 & 18, which is an earth mound & pits, with stake in N. pit, which I leave in good order; thence I run North on a true line, bet. secs. 13 & 18. Va. 14° 30' East.
39.93	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 7, 12, 13 & 18, dug pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist., and raised a mound of earth, 2 ft. high, 4½ ft. base, on it. In N. E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground marked T. 27 N., D. 7 on N. E. R. 33 W., D. 18 on S. E.

W. boundary T. 27 N., R. 33 W., 6th P.M.

Chains.	Remarks
	R. 34 W., O. 13 on S. W. & S. 12 on N. W. faces, with 2 notches on N. & 4 notches on S. edges.
	North on a true line, bet. secs. 7 & 12. Va. 14° 30' East.
39.90	To 1/4 sec. cor., bet. secs. 7 & 12.
	From the 1/4 sec. cor., bet. secs. 13 & 18, I run South on a random line, bet. secs. 13 & 18. Va. 14° 30' East.
40.00	To cor. to secs. 13, 18, 19 & 24, which is an earth mound and pits, with stake in S. E. pit, which I leave in good order.
	South on a random line, bet. secs. 19 & 24. Va. 14° 25' East.
40.00	I find no trace of orig. 1/4 sec. cor. Set temporary 1/4 sec. cor.

W. boundary T. 27 N., R. 33 W., 6th P.M.

Chains.	Remarks.
80.00	To a point 16 lks. W. of orig. cor. to secs. 19, 24, 25 & 30, which is an earth mound with pits, with stake in S. E. pit, which I leave in good order; thence I run N. 7' W. on a true line, bet. secs. 19 & 24. Va. 14° 10' East.
40.00	Deposited a quart of charcoal, 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. & S. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base, over it. In N. pit, found a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.00	The cor. to secs. 13, 18, 19 & 24.
	From the cor. to secs. 19, 24, 25 & 30, I run South on a random line bet. secs. 25 & 30. Va. 14° 10' East.

W. boundary T. 27 N., R. 33 W., 6th P. M.

Chains.	Retracing.
40.00	To old 1/4 sec. cor., which is an earth mound, with pits, and stake in N. pit, which I leave in good order. From the 1/4 sec. cor., I run South, after diligent search, being unable to find old corners, I set temporary corners at each 40 chs., and at 120.12 chs., I arrive at cor. to Tps. 26 & 27 N., Rs. 33 & 34 W., which is an earth mound & pits, with stake in S. E. pit, which I leave in good order. Thence I run North on a true line, bet. secs. 31 & 36, Va. 14° 20' East.
40.04	Deposited a quart of charcoal 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. N. & W., 5 1/2 ft. dist., & raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft.

W. boundary T. 27 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	base on it. In N. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.
80.08	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 25, 30, 31 & 36, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth, 2 ft. high, 4 1/2 ft. base on it. In S. E. pit, I drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 27 N., S. 30 on N. E. R. 33 W., S. 31 on S. E. R. 34 W., T. 36 on S. W. & S. 25 on N. W. faces, with 1 notch on S. & 5 notches on N. edges.
	North on a true line, bet. secs. 25 & 30. Va. 14° 15' East.
40.04	To 1/4 sec. cor. bet. secs. 25 & 30.

S. boundary T. 27 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	Before proceeding further with the extension of this Township, I made a change of 6 minutes in the latitude arc of my Solar Compass, by subtracting same from the reading previously given and assumed unified and corrected same by observation on the sun. I also further tested instrument by missing.
	From the cor. to Twps. 26 and 27 N., Rs. 33 and 34 W., I run
	East on a random line, bet. secs. 6 & 31,
	Va. 14° 20' East.
40.00	Found no trace of old 1/4 sec. cor. Set temporary 1/4 sec. cor.
79.00	To a point 14 lks. N. of cor. to secs. 5, 6, 31 and 32, which is an earth mound and pits with stake in N. E. pit which

S. boundary T. 27 N., R. 33 W., 6th P. M.

Chains.	Retracing.
	I leave in good order.
	Thence I run
	N. 89° 54' W. on a true line, bet. secs. 6 & 31,
	Va. 14° 20' East.
40.00	Deposited a quart of charcoal 12 ins. in the ground for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. E. and W. of cor., 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base over it. In E. pit, over a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on N. face.
79.00	To cor. to Twps. 26 and 27 N., Rs. 33 and 34 W.
	East on a random line bet. secs. 5 & 32.
	Va. 14° 20' East.
	after diligent search, being unable to find old corners, I set temporary corners at each 40 chs., and at

S. boundary T. 27 N., R. 33 W., 6th P.M.

Chains.	Retracing.
	160.18 chs., arrive at a point 28 lks. South of cor. to secs. 3, 4, 33 & 34, which is an earth mound and pits, with stake in S.E. pit, which I leave in good order; thence I run S 89° 54' W. on a true line, bet. secs. 4 & 33. Var. 14° 35' East
110.04	Deposited a quart of charcoal 12 ins. in the ground for 1/4 sec. cor. dug pits 18 x 18 x 12 ins. E. & W. of cor., 5½ ft. dist., & raised a mound of earth 1½ ft. high, 3½ ft. base, over it. In E. pit drove a stake, 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face.
80.09	Deposited a quart of charcoal 12 ins. in the ground, for cor. to secs. 4, 5, 32 & 33, dug pits 18 x 18 x 12 ins. in each sec., 5½ ft.

S. boundary T. 27 N., R. 33 W., 6th P.M.

Chains.	Retracing.
	dist., and raised a mound of earth, 2 ft. high, 4½ ft. base over it. In S.E. pit, drove a stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked T. 27 N., S. 33 on N.E. R. 33 W., S. 4 on S.E. T. 26 N., S. 5 on S.W. & S. 32 on N.W. faces, with 2 notches on W. and 4 notches on E. edges.
	S. 89° 52' W. on a true line, bet. secs. 5 & 34. Var. 14° 25' East.
40.04	Deposited a quart of charcoal 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. E. & W. of cor., 5½ ft. dist., & raised a mound of earth, 1½ ft. high, 3½ ft. base over it. In E. pit, drove a stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked

S. boundary T. 27 N., R. 33 W., 6th P.M.

Chains	Retracing
	1/4 S. on N. face.
80.09	The cor. to secs. 5, 6, 31 & 32,
	From the cor. to secs. 3, 4, 33 & 34, I run East on a random line, bet. secs. 3 & 34, Va. 14° 35' East.
40.06	To one 1/4 sec. cor., which is an earth mound and pits, with stake in E. pit which I leave in good order.
	From the 1/4 sec. cor. I continue East.
40.00	Found no trace of one cor. to secs. 2, 3, 34 & 35. Set temporary cor. to secs.
80.03	To old 1/4 sec. cor. bet. secs. 2 & 35, which is an earth mound and pits, with stake in E. pit, which I leave in good order.
	Thence I run West on a true line bet. secs. 2 & 35, Va. 14° 20' East.

S. boundary T. 27 N., R. 33 W., 6th P.M.

Chains	Retracing
40.01	I deposited a quart of charcoal 12 ins. in the ground, for cor. to secs. 2, 3, 34 & 35, dug pits 18 x 18 x 12 ins. in each sec., 6 1/2 ft. clear, and raised a mound of earth, 2 ft. high, 4 1/2 ft. base over it. In S.E. pit, around stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 27 N. S. 35 on N.E. R. 33 W. S. 2 on S.E. T. 26 N. S. 3 on S.W. & S. 34 on N.W. faces, with 2 notches on E. & 4 notches on W. edges.
	West on a true line bet. secs. 3 & 34. Va. 14° 20' East.
40.02	To 1/4 sec. cor. bet. secs. 3 & 34.

S. boundary T. 27 N., R. 33 W., 6th P.M.

Chains	Retracing
	From the 1/4 sec. cor. bet. secs. 2 & 35, I run East on a random line, bet. secs. 2 & 35. Va. 14° 20' East
	after diligent search, being unable to find old corners, I set temporary corners at each stocks, and at 119.50 chs., arrive at a point 30 lks. N. of cor. to Tps. 26 & 27 N., Rs. 32 & 33 W., previously described; thence I run N. 89° 51' W. on a true line, bet. secs. 1 & 36. Va. 14° 08' East.
39.93	Deposited a quart of charcoal 12 ins. in the ground, for 1/4 sec. cor., dug pits 18 x 18 x 12 ins. E. & W. of cor., 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base, on it. In E. pit, drove a stake 2 ft. long, 2 ins. square,

S. boundary T. 27 N., R. 33 W., 6th P.M.

Chains	Retracing
	12 ins. in the ground, marked 1/4 S. on N. face.
79.87	Deposited a quart of charcoal, 12 ins. in the ground, for cor. to secs. 1, 2, 35 & 36, dug pits 18 x 18 x 12 ins. in each sec., 5 1/2 ft. dist., and raised a mound of earth, 2 ft. high, 2 1/2 ft. base, on it. In S. E. pit, drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 27 N. S. 36 on N. E. R. 33 W., S. 1 on S. E. T. 26 N. S. 2 on S. W. & S. 35 on N. W. faces, with 1 notch on E. & 5 notches on W. edges,
	N. 89° 51' W. on a true line, bet. secs. 2 & 35. Va. 14° 20' East.
39.93	To 1/4 sec. cor. August 22nd 1882.

Final Oaths for Surveys.

LIST OF NAMES.

A list of the names of the individuals employed by E. A. Carter, *United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field-notes of the survey of* the retracing of the Exterior lines of T. 27 N R 33 W, T. 28 N R 33. 34 & 35 W, T. 29 N. R 32. 33. 34. 35 & 37 W and T. 30 N R 35 W. 6th P. M

showing the respective capacities in which they acted.

Ira Stearns, *Compassman.*
Milton Campbell, *Chainman.*
James B. Capp, *Chainman.*
, *Chainman.*
, *Chainman.*
, *Axeman.*
, *Axeman.*
E. J. Gillespie, *Flagman.*
,

Final Oaths of Assistants.

We hereby certify that we assisted E. A. Carter, United States Deputy Surveyor, in surveying all those parts or portions of the retracing of the Exterior lines of T. 27 N R 33 W, T. 28 N. R 33, 34 & 35 W T. 29 N R 32. 33. 34, 35 & 37 W T. 30 N. R 35 W of the 6th P. base and Meridian, State of Nebraska, as are represented in the foregoing field-notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor-General for Iowa & Nebraska

Ira Stearns, Compassman.
Milton Campbell, Chainman.
James Blapp, Chainman.
, Chainman.
, Axeman.
E. J. Gillespie, Axeman.
, Flagman.

Subscribed and sworn to before me this 26th day of August, 1882

C. T. Putnam
NOTARY PUBLIC.

Final Oath of United States Deputy Surveyor.

I, E. A. Carter, United States Deputy Surveyor, do solemnly swear that in pursuance of instructions received from Geo. S. Smith, United States Surveyor-General for Iowa and Nebraska, bearing date of the 19th day of July, 1882, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor-General for Iowa and Nebraska, the surveying manual, and the laws of the United States, surveyed all those parts or portions of the retracing of the Exterior lines of T. 27 N. R 33 W T. 28 N R 33. 34 & 35 W. T. 29 N R 32. 33. 34. 35 & 37 W & T. 30 N R 35 W

of the 6th P base and Meridian in the State of Nebraska as represented in the foregoing field-notes as having been surveyed by me and under my directions; and I do further solemnly swear

that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the United States Surveyor-General for Iowa and Nebraska, and in the specific manner described in the field-notes, and that the foregoing are the true field-notes of such survey; and, should any fraud be detected, I will suffer the penalty of perjury, under the provisions of an Act of Congress, approved August 8, 1846.

E. H. Carter,

United States Deputy Surveyor.

Subscribed and sworn to before me this 26th day of August, 1882

E. H. Putnam

NOTARY PUBLIC.

U. S. Surveyor General's Office
Plattsmouth Neb. Sept. 1884

The foregoing field notes of the retracing of the Exterior lines of Tp. 27. N. Range 33 West Tp. 28 North Ranges 33. 34 & 35 West. Tp. 29 N. Ranges 32. 33. 34. 35 & 37 West & Tp. 30 N. Range 35 West of the 6th P.M. in Nebraska Executed by E. H. Carter U. S. Deputy Surveyor under his contract No 11, dated July 19. 1882. in the month of August 1882, having been Critically Examined the necessary Corrections and Explanations made, the said field Notes and the Surveys they describe are hereby approved

U. S. Surveyor General

195
70
535
8,00

260
275
35

Field Notes
of
Retracements
of
Exterior lines
of
Tp. 31 N – Ranges 33.34.35 & 36 W
and
T.P. 32 N – Ranges 33 and 34 West

By
E. A. Carter U S Deputy Surv
under his Contract No. 11
dated July 19th 1882

Preliminary Oath of Assistants.

I, J. S. Kirk, do solemnly swear that I will well and truly perform the duties of Axeman according to instructions given me, and to the best of my skill and ability.

J. S. Kirk.

Subscribed and sworn to, before me, this 24th day of July, 1882

C. A. Putnam
Notary Public

We D. F. Crosswell and D. B. Levan

do solemnly swear that we will faithfully execute the duties of Chain carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by

sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines; that we will assist in measuring, to the best of our skill and ability.

D. F. Crosswell

D. B. Levan

Subscribed and sworn to, before me, this 24th day of July, 1882

C. A. Putnam
Notary Public

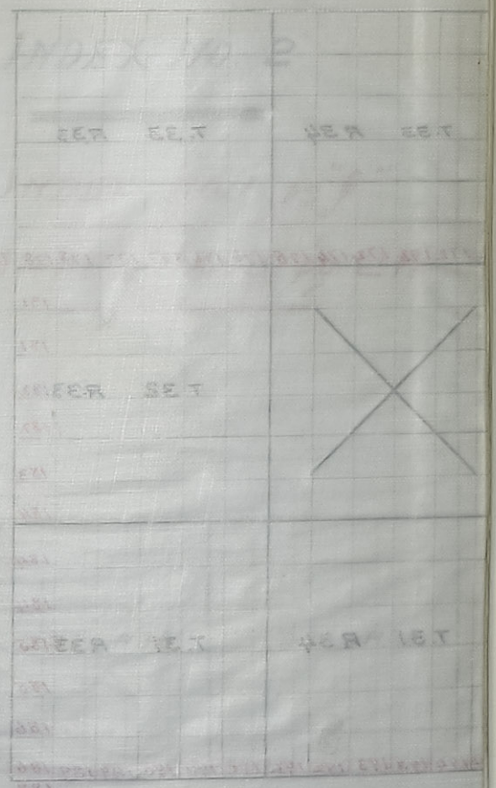
I, E. R. Chenowith

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

E. R. Chenowith

Subscribed and sworn to, before me, this 24th day of July, 1882

C. H. Putnam
Notary Public



E. R. Chenowith

mnly swear that I will well and truly perform the duties of

man according to instructions given me, and to the best of my

nd ability.

E. R. Chenowith

ubscribed and sworn to, before me, this 24th day

July, 188 2

C. F. Putnam
Notary Public

170

INDEX NO. 2

INDEX NO. 1 pg "f"

INDEX NO. 3 pg 211

T. 33 R 34						T. 33 R 33					
172	172	172	172	172	172	176	176	177	177	178	178

						T. 32 R. 33					

T 31 R 36						T. 31 R 35						T. 31 R 34						T. 31 R 33					
201	200	200	200	199	199	198	197	197	197	196	196	194	194	193	193	192	192	191	190	190	189	189	186

180 181 181 182 182 183 184 184 184 185 185 186 186 188

R. Harvey

The instrument that I used in making this survey was a Burt's Patent Improved Solar Compass, made by W. & L. E. Gurley of Troy, N.Y. in 1881.

On the 19th day of July, by permission from the Surveyor General of Nebraska I carefully compared it with the true meridian at Cheyenne Wyoming and was more my work than the one at Plattsmouth, & found it to be in perfect adjustment. I again examined it on the 1st day of August 1882 & found it in good order. I set my instrument at Standard Cor. to Tps. 33 N, Rs. 34-35 W., carefully took the latitude & found it to be 42°47' N. and proceeded to run as follows:-

5th Standard Parallel along.

S.B. T. 33 N. R. 34 W. 6th P. M.

Chains. Retracing

Standard
From the Cor. to Tps. 33 N. Rs. 34 & 35 W.,
which is a mound and pits with post in E. pit,
Sun
East. on a random line on S. B. of Section 31
Va. 14°30' East.

46.10 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' W.
~~From the ¼ Sec. Cor.~~ I continue. East.

80.39 To a point 21 lks. South of cor. to secs. 31 – 32
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 32
Va. 14°30' East.

39.90 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.

8th Standard Parallel along.

S.B. T33 N. R34 W. 6th P. M.

Chains.	Retracing
80.10	To a point 25 lks. South of cor. to secs. 32 – 33
	which is a mound and pits with post in E. pit.
	The return course is therefore S. 89° 47' W.
	East. on a random line on S. B. of Section 33
	Va. 14° 15' East.
39.50	To a point 25 lks. South of ¼ sec. cor.
	which is a mound and pits with post in N pit.
	The return course is therefore S. 89° 39' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
79.88	To a point 33 lks. South of cor. to secs. 33 – 34
	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 34.
	Va. 14° 50' East.
39.95	To a point 18 lks. South of ¼ sec. cor.
	which is a mound and pits with post in N. pit.

8th Standard Parallel along.

S.B. T33 N. R34 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 89° 45' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
80.00	To a point 15 lks. South of cor. to secs. 34 – 35
	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 35
	Va. 14° 30' East.
40.20	To a point 16 lks. South of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore S. 89° 46' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
80.25	To a point 20 lks. South of cor. to secs. 35 – 36
	which is a mound and pits with post in E. pit.
	The return course is therefore S. 89° 37' W.

S.Bs. Standard Parallel along.

S.B. T. 33 N. R. 34 W. 6th P. M.

Chains.	Retracing
	East. on a random line on S. B. of Section 36, Va. 14°35' 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' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
79.77	To a point 24 lks. South of The Cor. to Tps. 33 Standard N. Rs. 33 & 34 W. which is a mound and pits with post in E. pit. The return course is therefore S. 89°55' W.

S.Bs. Standard Parallel along.

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

Chains.	Retracing
	East. on a random line on S. B. of Section 31 Va. 11°25' East.
40.12	To a point 19 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' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
80.39	To a point 33 lks. South of cor. to secs. 31 - 32 which is a mound and pits with post in E. pit. The return course is therefore S. 89°18' W.
	East. on a random line on S. B. of Section 32 Va. 11°15' East.
39.80	To a point 11 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore N. 89°57' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
79.84	To a point 25 lks. South of cor. to secs. 32 - 33 which is a mound and pits with post in E. pit.

S.th Standard Parallel along.

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

Chains.	Retracing
	The return course is therefore S. 89° 35' W.
	East. on a random line on S. B. of Section 33 Va. 14°40' East.
40.00	To ¼ sec. cor.
	which is a mound and pits with post in N pit.
	~~The return course is therefore~~
	~~From the ¼ Sec. Cor. I continue. East.~~
79.96	To a point 20 lks. South of cor. to secs. 33-34
	which is a mound and pits with post in E. pit.
	The return course is therefore S. 89° 43' W.
	East. on a random line on S. B. of Section 34 Va. 14°35' East.
39.75	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' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
79.79	To a point 28 lks. South of cor. to secs. 34-35

S.th Standard Parallel along.

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

Chains.	Retracing
	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 35 Va. 14°40' East.
40.15	To a point 9 lks. South of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore S. 89° 52' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
80.21	To a point 30 lks. South of cor. to secs. 35-36
	which is a mound and pits with post in E. pit.
	The return course is therefore S. 89° 45' W.
	East. on a random line on S. B. of Section 36 Va. 14°40' East.
39.87	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' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.

8th Standard Parallel along.

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

Chains.	Retracing
50.15	To a point 31 lks. South of Standard The Cor. to Tps. 33 N. Rs. 32 & 33 W. which is a mound and pits with post in E. pit. The return course is therefore S. 89° 45' W.

Standard Parallel along.

S.B. T.33 N. R.32 W. 6th P. M.

Chains.	Retracing
	East. on a random line on S. B. of Section 31 Va 14°45' East.
40.15	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° 30' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
49.75	To a point 12 lks. South Closing The Cor. to Tps. 32 N. N. Rs. 32 & 33 W. which is a mound and pits with post in E. pit. The return course is therefore West.

Aug. 1st 1882.

11th Guide Meridian West.

E.B. T32N. R33W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 1 & 6
	Variation 14°40' East
39.70	To ¼ Sec. Cor. Post and Earth mound in good order
79.72	To a point 14 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. 12° E.
	South on a random line between sections 7 & 12
	Variation 14°30' East.
39.85	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
79.77	To a point 9 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. 2' E.

4th Guide Meridian West.

E.B. T32N. R33W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 13 & 18
	Variation 14°20' East.
40.00	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
79.91	To a point 14 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. 16' E.
	South on a random line between sections 19 & 24
	Variation 14°20' East.
40.00	To a point 10 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit. The return course is therefore N. 9' W.
	~~From the ¼ Sec. Cor.~~ I continue. South
80.10	To a point 13 lks. West of cor. to secs. 19-24-25-30 which is a mound and pits with post in S.E. pit.

4th Guide Meridian West.

E. B. T. 32 N. R. 33 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 3' W.
	South on a random line between sections 25 & 30 Variation 14° 25' East.
40.08	To ¼ Sec. Cor. Post and earth mound in good order
80.25	To a point 8 lks. West of cor. to secs. 25-30-31-36 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 31 & 36. Variation 15° East.
39.77	To ¼ Sec. Cor. Post and earth mound in good order
80.00	The Cor. to Tps. 31 & 32 N. Rs. 32 & 33 W which is a mound and pits with post in S. E. pit. ~~The return course is therefore North~~

4th Guide Meridian West.

E. B. T. 31 N. R. 33 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. I took the latitude and found it to be 42° 41' N. South on a random line between sections 1 & 6 Variation 14° 40' East.
40.20	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
80.12	To a point 16 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. 17' W.
	South on a random line between sections 12 & 7 Variation 15° East.
40.06	To a point 9 lks. West of ¼ sec. cor. which is a mound and pits with post in E. pit.

14th Guide Meridian West.

G.R. T. 31 N. R. 33 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 8' W.
	~~From the ¼ Sec. Cor.~~ I continue. South
80.19	To a point 9 lks. West of cor. to secs. 7-12-13-18
	The return course is therefore North.
	South on a random line between sections 13 & 18 Variation 15° 16' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
80.08	To a point 18 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. 15' E.
	South on a random line between sections 19 & 24 Variation 14° 50' East.
40.00	To a point 11 lks. East of ¼ sec. cor.
	which is a mound and pits with post in E. pit.
	The return course is therefore N. 9' E.

14th Guide Meridian West.

G.R. T. 31 N. R. 33 W. 6th P. M.

Chains.	Retracing
	~~From the ¼ Sec. Cor.~~ I continue. South
79.67	To a point 13 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. 2' E.
	South on a random line between sections 25 & 30 Variation 11° 55' East.
39.85	To a point 6 lks. West of ¼ sec. cor.
	which is a mound and pits with post in E. pit.
	The return course is therefore N. 5' W.
	~~From the ¼ Sec. Cor.~~ I continue. South
79.80	To Cor. to Secs. 25-30-31-36 Post and earth mound in good order
	The return course is therefore N. 5' E
	South on a random line between sections 31 & 36 Variation 10° 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.

4 th Guide Meridian West.

E. T. 31 N. R. 33 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 4° E.
	~~From the ¼ Sec. Cor.~~ I continue, South
80.13	To a point 2 lks. West of
	The Cor. to Tps. 30 & 31 N. Rs. 32 & 33 W.
	which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 6° W.
	Aug. 2, 1882.

S.B. T. 31 N. R. 33 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° 36' North West on a random line between sections 1 & 36
	Variation 15° East.
40.08	To a point 16 lks. South of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore S. 89° 46' E.
	~~From the ¼ Sec. Cor.~~ I continue. West.
80.10	To a point 37 lks. South of cor. to secs. 1-2-35-36
	which is a mound and pits with post in S.E. pit.
	The return course is therefore S. 89° 42' E.

S.B. T. 31 N. R. 33 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 2 & 35
	Variation 14° 35′ East.
40.00	To a point 25 lks. South of ¼ sec. cor.
	which is a mound and pits with post in N pit.
	The return course is therefore S. 89° 39′ E.
	~~From the ¼ Sec. Cor.~~ I continue. West.
80.12	To a point 25 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, East.
	West. on a random line between sections 3 & 34
	Variation 14° 25′ East.
40.06	To a point 20 lks. South of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore S. 89° 43′ E.
	~~From the ¼ Sec. Cor.~~ I continue. ~~West.~~
80.00	To Cor. to Secs. 3-4-33-34 Post and earth
	mound in good order
	The return course is therefore N 89° 43′ E.

S.B. T. 3 N. R. ~~34~~ 33 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 4 & 33
	Variation 14° 15′ East.
40.15	To a point 25 lks. South of ¼ sec. cor.
	which is a mound and pits with post in N pit.
	The return course is therefore S. 89° 39′ E.
	~~From the ¼ Sec. Cor.~~ I continue. West.
80.24	To a point 41 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 S. 89° 46′ E.
	West. on a random line between sections 5 & 32,
	Variation 14° 15′ East.
40.00	To a point 23 lks. South of ¼ sec. cor.
	which is a mound and pits with post in N pit.
	The return course is therefore S. 89° 40′ E.
	~~From the ¼ Sec. Cor.~~ I continue. West.
79.72	To a point 37 lks. South of cor. to
	secs. 5 - 6 - 31 - 32
	which is a mound and pits with post in S.E. pit.

S.B. T.31 N. R.33 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S.89° 48' E.
	West. on a random line between sections 6 & 31 Variation 14°15' East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
77.65	The Cor. to Tps. 30 & 31 N. Rs. 33 & 34 W. which is a mound and pits with post in S.E. pit.

S.B. T.31 N. R.34 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 1 & 36, Variation 15 East.
40.12	To a point 3 lks. South of ¼ sec. cor. which is a mound and pits with post in N pit. The return course is therefore S.89° 57' E.
	~~From the ¼ Sec. Cor.~~ I continue. West.
79.93	To a point 14 lks. South of cor. to secs. 1 - 2 - 35 - 36 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 2 & 35 Variation 14°20' East.
39.85	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° 53' ~~N.~~ E
	~~From the ¼ Sec. Cor.~~ I continue. West.
79.90	To a point 12 lks. South of cor. to secs. 2 - 3 - 34 - 35 which is a mound and pits with post in S.E. pit.

S.B. T.31 N. R.34 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S 89.57' E.
	West. on a random line between sections 3 & 34 Variation 14°30' East.
40.16	To a point 14 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore S 89°48' E.
	~~From the ¼ Sec. Cor.~~ I continue. West.
80.25	To a point 18 lks. South of cor. to secs. 3-4-33-34, which is a mound and pits with post in S.E. pit. The return course is therefore S 89°57' E.
	West. on a random line between sections 4 & 33 Variation 14°20' East.
39.54	To a point 11 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore S 89°57' E.
	~~From the ¼ Sec. Cor.~~ I continue. West.
79.57	To a point 25 lks. South of cor. to secs. 11-5-32-33,

S.B. T.31 N. R.34 W. 6th P. M.

Chains.	Retracing
	which is a mound and pits with post in S.E. pit. The return course is therefore S 89°42' E.
	West. on a random line between sections 5 & 32 Variation 14°25' East.
39.86	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.
79.90	To a point 15 lks. South of cor. to secs. 5-6-31-32 which is a mound and pits with post in S.E. pit. The return course is therefore S 89°36' E.
	West. on a random line between sections 6 & 31 Variation 14°10' ~~East~~.
40.08	To a point 9 lks. South of ¼ sec. cor. which is a mound and pits with post in N pit. The return course is therefore S 89°52' E.
	~~From the ¼ Sec. Cor.~~ I continue. West.

S.B. T.31N. R.32W. 6th P. M.

Chains.	Retracing
77.00	The Cor. to Tps. 30 & 31 N. Rs. 34 & 35 W. which is a mound and pits with post in S.E. pit. The return course is therefore N 89° 57' E I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. Aug. 3, 1882.

S.B. T.31N. R.35 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 1 & 36 Variation 14° 50' East.
39.79	To a point 19 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore S. 89° 44' E. ~~From the ¼ Sec. Cor.~~ I continue. West.
79.91	To a point 19 lks. South of cor. to secs. 1-2-35-36 which is a mound and pits with post in S.E. pit. The return course is therefore ~~East, S 89° 52'~~ East
	West. on a random line between sections 2 & 35 Variation 14° 20' East.
39.70	To a point 14 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore S. 89° 48' E. ~~From the ¼ Sec. Cor.~~ I continue. West.
79.88	To Cor. to Secs. 2-3-34-35 Post and South mound in good order The return course is therefore N 89° 48' E

S.B. T. 31 N. R. 35 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 3 & 34. Variation 14°05' East.
40.08	To ¼ Sec. Cor. Post and Earth mound in good order
80.22	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 14°25' East.
40.12	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' E.
	~~From the ¼ Sec. Cor.~~ I continue. West.
80.15	To a point 5 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 S. 89° 50' E.
	West. on a random line between sections 5 & 32 Variation 14°15' East.
40.00	To a point 10 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit.

S.B. T. 31 N. R. 36 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 89°31' E.
	~~From the ¼ Sec. Cor.~~ I continue. West.
80.09	To a point 13 lks. South of cor. to secs. 5-6-31-32 which is a mound and pits with post in S.E. pit. The return course is therefore S. 89° 57' E.
	West. on a random line between sections 6 & 31 Variation 14°20' East.
40.10	To a point 9 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore S. 89°52' E.
	~~From the ¼ Sec. Cor.~~ I continue. West.
78.35	To a point 20 lks. South of the Cor. to Tps. 30 & 31 N. Rs. 35 & 36 W. which is a mound and pits with post in S.E. pit. The return course is therefore S. 89° 51' E.

S.B. T.31 N. R.36 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 1 & 36. Variation 14°30' East.
40.00	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 20 lks. North of cor. to secs. 1-2-35-36, which is a mound and pits with post in S.E. pit. The return course is therefore ~~West~~ East
	West. on a random line between sections 2 & 35 Variation 14°35' East.
40.07	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.
80.00	The corner to sections 2-3-34-35. which is a mound and pits with post in S.E. pit. The return course is therefore N 89°49' E

S.B. T.31 N. R.36 W. 6th P. M.

Chains.	Retracing
	West. on a random line between sections 3 & 34. Variation 14°35' East.
39.90	To ¼ Sec. Cor. which is a mound and pits with post in N, pit.
79.93	The corner to sections 3-4-33-34, which is a mound and pits with post in S.E. pit.
	West. on a random line between sections 4 & 33. Variation 14°30 East.
39.95	To ¼ Sec. Cor. which is a mound and pits with post in N pit.
80.11	The corner to sections 4-5-32-33 which is a mound and pits with post in S.E. pit.
	West. on a random line between sections 5 & 32 Variation 14°30' East.
40.04	To a point 7 lks. N, of ¼ sec. cor. which is a mound and pits with post in N pit. The return course is therefore N 89°54' E,
	~~From the ¼ Sec. Cor.~~ I continue. West.

S.B. T. 31 N. R. 36 W. 6th P. M.

Chains.	Retracing
80.13	To a point 25 lks. North of cor. to secs. 5-6-31-32 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 6 & 31 Variation 15° East.
39.90	To a point 8 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit. ~~Return Course is therefore~~ N 89° 53' E ~~From the ¼ Sec. Cor.~~ I continue. West.
78.65	To a point 16 lks. North The Cor. to Tps. 30 & 31 N. Rs. 36 & 37 W. which is a mound and pits with post in S.E. pit. The return course is therefor N 89° 53' E

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

Aug. 4, 1882.

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

Chains.	Retracing
	The description of corners on lines retraced applies to corners after they had been rebuilt by me, which was done in nearly every case, the mound being rebuilt and pits dug out anew. In fact it was almost impossible to find the location of any of the old corners except by use of the compass and chain.

Chains. | Retracing

Chains. | Retracing

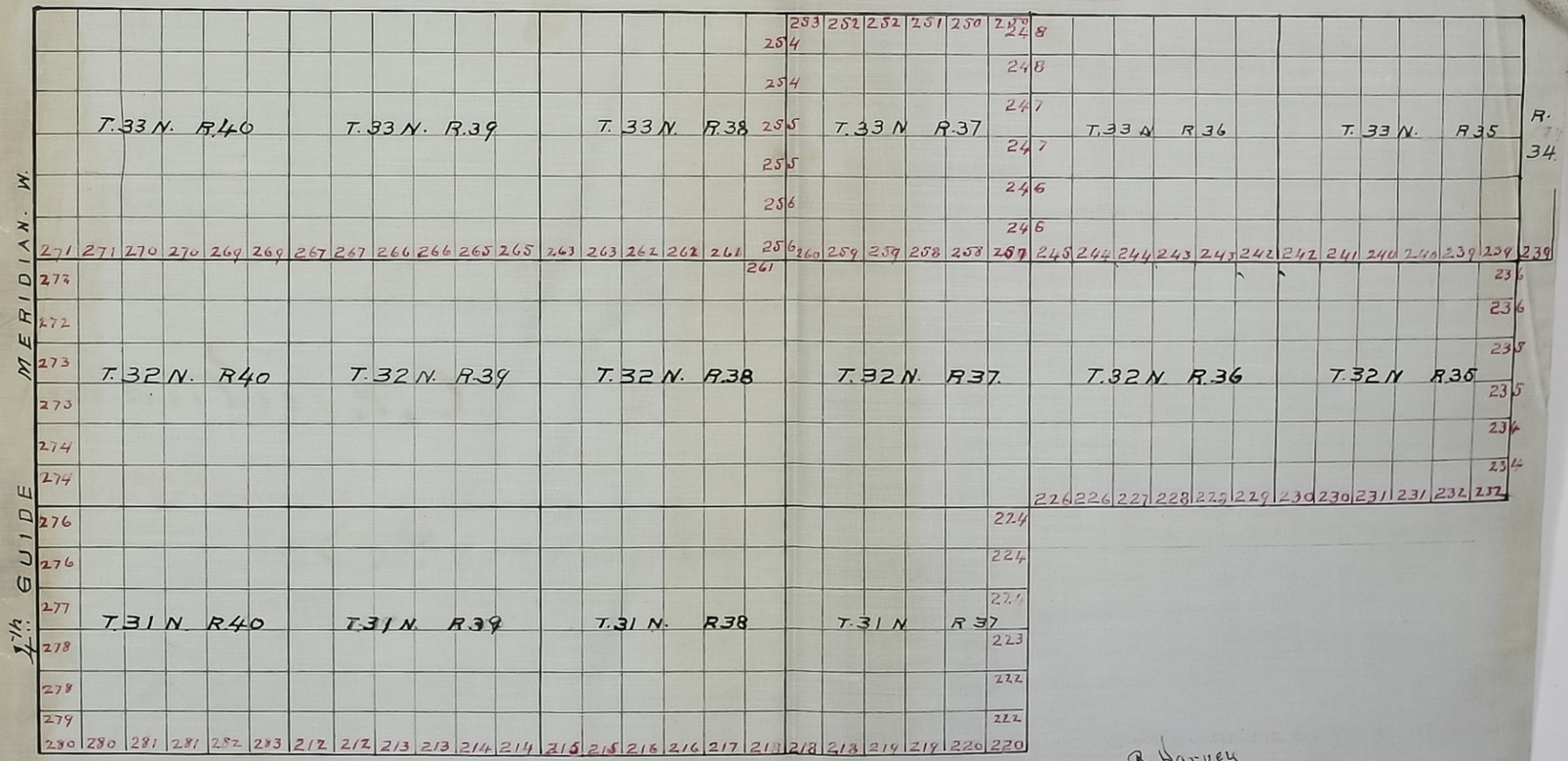
U. S. Surveyor General's Office
Plattsmouth Neb. 1884

The foregoing field notes of the retracing of the Exterior lines of Tp. 31 N. Ranges 33-34. 35 & 36 West & Township 32 North, Ranges 33 & 34 West of the 6th P.M. in Neb. Executed by E. A. Carter U. S. Deputy Surveyor under his Contract No 11 dated July 19th, 1882 - in the month of August 1882 - having been critically Examined the necessary Corrections & Explanations made, the said field notes and the surveys they describe are hereby approved.

U. S. Surveyor General.

INDEX No. 3.

INDEX No. 1. pg "f."
INDEX No. 2 pg. 171.



R. Harvey
"

Preliminary Oath of Assistants.

I, G. S. Lorrence, do solemnly swear that I will well and truly perform the duties of Axeman according to instructions given me, and to the best of my skill and ability.

G S Lorrence

Subscribed and sworn to, before me, this 3rd day of August, 188 2

C. F. Putnam

NOTARY PUBLIC.

We D. J. Merritt and G. Dacey do solemnly swear that we will faithfully execute the duties of Chain carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by

sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines; that we will assist in measuring, to the best of our skill and ability.

D J Merritt

G Dacey

Subscribed and sworn to, before me, this 3rd day of August, 188 2

C. F. Putnam

NOTARY PUBLIC.

I, David McRay

do solemnly swear that I will well and truly perform the duties of

Compressman

~~Mountaineer~~ according to instructions given me, and to the best of my

skill and ability.

David McRay

Subscribed and sworn to, before me, this 3rd day

of August, 1883.

C. H. Putnam

NOTARY PUBLIC.

Survey made with Burt's Patent Improved Solar Compass, nearly new and in first-rate order. Made by John Beach of San Francisco, Cal. in 1881. This instrument was examined and compared with the true meridian at Cheyenne, Wyoming on July 19, 1882, and found to be in perfect adjustment. The Surveyor General of Nebraska gave the permission as it was nearer my work than the one at Plattsmouth.

On the 7th day of Aug. 1882, I set my instrument at the Cor. to Tps. 30-31 N., Rs. 39-40 W., examined it in all its adjustments, particularly the latitude and reversing apparatus & found them all in good order. Took the latitude and found it to be 42°36' N. and proceeded to run as follows:-

S.B. T31N. R39W. 6th P. M.

Chains.	Retracing
	From the Cor. to Tps. 30 & 31 N. Rs. 39 & 40 W. which is a mound and pits with post in S.E. pit.
	East. on a random line between sections 6 & 31.
	Variation 15°30' East.
38.49	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.
78.55	To Cor. to Secs. 5-6-31-32 Post and earth mound in good order
	The return course is therefore N. 89°50' W.
	East. on a random line between sections 5 & 32.
	Variation 15° East.
40.12	To a point 4 lks. South of ¼ sec. cor. which is a mound and pits with post in N. pit.
	The return course is therefore S. 89°57' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
80.10	To a point 5 lks. South of cor. to secs. 4-5-32-33

S.B. T31N. R39W. 6th P. M.

Chains.	Retracing
	which is a mound and pits with post in S.E. pit.
	The return course is therefore S.89°59'W.
	East. on a random line between sections 4 & 33
	Variation 15°25' East.
39.91	To a point 12 lks. North of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore N.89°50'W.
	From the ¼ Sec. Cor. I continue. East.
80.15	To a point 9 lks. South of cor. to
	secs. 3-4-33-34
	which is a mound and pits with post in S.E. pit.
	The return course is therefore S.89°42'W.
	East. on a random line between sections 3 & 34
	Variation 15°20' East.
39.57	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.89°47'W.
	~~From the ¼ Sec. Cor.~~ I continue. East.

S.B. T31N. R39W. 6th P. M.

Chains.	Retracing
79.59	To a point 26 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'W.
	East. on a random line between sections 2 & 35
	Variation 15°30' East.
40.09	To a point 9 lks. South of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore ~~N.~~89°52'W. S 89°52'W.
	From the ¼ Sec. Cor. I continue. East.
80.00	The corner to sections 1-2-35-36
	which is a mound and pits with post in S.E. pit.
	The return course is therefore S.89°52'W.
	East. on a random line between sections 1 & 36
	Variation 15°35' East.
40.15	To ¼ Sec. Cor. which is a mound and pits with post in N. pit.
80.12	The Cor. to Tps. 30 & 31 N. Rs. 38 & 39 W.
	which is a mound and pits with post in S.E. pit.
	Aug. 7, 1882.

S.B. T31 N. R38 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 6 & 31
	Variation 15° East.
39.76	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.
79.58	To a point 16 lks. North of cor. to
	secs. 5-6-31-32,
	which is a mound and pits with post in S.E. pit.
	The return course is therefore N.89°52'W.
	East. on a random line between sections 5 & 32
	Variation 14°30' East.
40.04	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.
79.92	The corner to sections 4-5-32-33
	which is a mound and pits with post in S.E. pit.
	The return course is therefore N.89°50'W.

S.B. T31 N. R38 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 11 & 33
	Variation 14°55' East.
39.80	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.
79.81	To a point 23 lks. North of cor. to
	secs. 3-4-33-34
	which is a mound and pits with post in S.E. pit.
	The return course is therefore N.89°49'W.
	East. on a random line between sections 3 & 34
	Variation 15°10' East.
39.93	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.
80.10	The corner to sections 2-3-34-35
	which is a mound and pits with post in S.E. pit.
	The return course is therefore S.89°49'W.

S.B. T. 31 N. R. 35 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 2 & 35
	Variation 15° East.
40.12	To ¼ Sec. Cor.
	which is a mound and pits with post in N. pit.
80.15	The corner to sections 1 - 2 - 35 - 36
	which is a mound and pits with post in S.E. pit.
	East. on a random line between sections 1 & 36
	Variation 15°30' East.
40.16	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' W.
	From the ¼ Sec. Cor. I continue. East.
80.12	To a point 12 lks. North of
	The Cor. to Tps. 30 & 31 N. Rs. 34 & 35 W.
	which is a mound and pits with post in S.E. pit.
	The return course is therefore N.89°45' W.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	Aug 5, 1882.

S.B. T. 31 N. R. 37 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 6 & 31
	Variation 14°35' East.
40.18	To a point 18 lks. N 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.
80.21	The corner to sections 5 - 6 - 31 - 32,
	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 5 & 32
	Variation 14°40' East.
40.08	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 N.89°53' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
80.11	To a point 12 lks. North of cor. to secs. 11 - 5 - 32 - 33
	which is a mound and pits with post in S.E. pit.
	The return course is therefore N.89°43' W.

S.B. T. 31 N. R. 37 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 4 & 33
	Variation 14° 25' East.
39.71	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' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
80.05	To a point 5 lks. North of cor. to
	secs. 3 – 4 – 33 – 34
	which is a mound and pits with post in S.E., pit.
	The return course is therefore N. 89° 54' W.
	East. on a random line between sections 3 & 34
	Variation 14° 30' East.
40.07	To a point 6 lks. South of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore S. 89° 55' W.
80.07	~~From the ¼ Sec. Cor.~~ I continue. East.
	The corner to sections 2 – 3 – 34 – 35
	which is a mound and pits with post in S.E. pit.
	The return course is therefore N. 89° 55' W.

S.B. T. 31 N. R. 37 W. 6th P. M.

Chains.	Retracing
	East. on a random line between sections 2 & 35.
	Variation 14° 30' East.
40.13	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.
80.19	To a point 19 lks. North of cor. to
	secs. 1 – 2 – 35 – 36,
	which is a mound and pits with post in S.E., pit.
	The return course is therefore N. 89° 52' W.
	East. on a random line between sections 1 & 36
	Variation 14° 30' East.
39.90	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° 53' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
79.87	To a point 12 lks. North
	The Cor. to Tps. 30 & 31 N. Rs. 36 & 37 W.
	which is a mound and pits with post in S.E. pit.

S.B. T. 31 N. R. 37 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 89° 57' W.
	I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
	Aug. 9, 1882.

E.B. T. 31 N. R. 37 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 31 & 36
	Variation 14° 35' East.
40.14	To a point 5 lks. East of ¼ sec. cor.
	Which is a Sand stone in earth mound with pits in good order.
	The return course is therefore S. 1' E.
	~~From the ¼ Sec. Cor.~~ I continue. North
80.13	To a point 9 lks. East of cor. to secs. 25-30-31-36
	Which is a Lime stone in earth mound with pits in good order.
	The return course is therefore S. 3' E.
	North on a random line between sections 25 & 30
	Variation 14° 35' East.
40.08	To a point 10 lks. West of ¼ sec. cor.
	Which is a Sand stone in earth mound with pits in good order.
	The return course is therefore S. 9' W.
	~~From the ¼ Sec. Cor.~~ I continue, North
80.21	To a point 13 lks. East. of cor. to secs. 19-24-25-30
	Which is a Sand stone in earth mound with pits in good order.

E. B. T. 31 N. R. 37 W. 6th P. M.

Chains. Retracing

The return course is therefore S. 20' E.

North on a random line between sections 19 & 24
Variation 11° 30' East.

39.82 To a point 7 lks. West of ¼ sec. cor.

Which is a sand stone in earth mound with pits in good order.

The return course is therefore S. 6' W.

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

80.04 To a point 7 lks. West of cor. to secs. 13-18-19-24

Which is a sand stone in earth mound with pits in good order.

The return course is therefore South.

North on a random line between sections 13 & 18
Variation 11° 25' East.

40.03 To a point 12 lks. West of ¼ sec. cor.

Which is a sand stone in earth mound with pits in good order.

The return course is therefore S. 10' W.

~~From the ¼ Sec. Cor.~~ I continue.

80.15 To a point 16 lks. East of cor. to secs. 7-12-13-18

E. B. T. 31 N. R. 37 W. 6th P. M.

Chains. Retracing

Which is a sand stone in earth mound with pits in good order.

The return course is therefore S. 24' E.

North on a random line between sections 7 & 12
Variation 11° 35' East.

39.90 To a point 19 lks. East of ¼ sec. cor.

Which is a sand stone in earth mound with pits in good order.

The return course is therefore S. 16' E.

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

79.89 To a point 13 lks. East of cor. to secs. 1-6-7-12,

Which is a sand stone in earth mound with pits in good order.

The return course is therefore S. 5' W.

North on a random line between sections 1 & 6
Variation 11° 40' East.

40.00 To a point 7 lks. West of ¼ sec. cor.

Which is a sand stone in earth mound with pits in good order.

The return course is therefore S. 6' W.

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

E.B. T.31 N. R.37 W. 6th P. M.

Chains.	Retracing
79.91	To a point 19 lks. West of cor. to Tps. 31 & 32 N. Rs. 36 & 37 W.
	Which is a Sand stone in earth mound with pits in good order.
	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.

Aug. 10, 1882.

S.B. T.32 N. R.36 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 14°30' East.
37.74	To a point 18 lks. North of ¼ sec. cor.
	Which is a Sand stone in earth mound with pits in good order.
	The return course is therefore N. 89°15' W.
	~~From the ¼ Sec. Cor.~~ I continue. East.
77.85	To a point 33 lks. North of cor. to secs. 5-6-31-32,
	Which is a Sand stone in earth mound with pits in good order.
	The return course is therefore N. 89°49' W.

East. on a random line between sections 5 & 32

Variation 14°40' East.

40.06 To a point 12 lks. North of ¼ sec. cor.

Which is a Sand stone in earth mound with pits in good order.

S.B. T32N. R36W. 6th P. M.

Chains. Retracing

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

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

80.19 To a point 30 lks. North of cor. to secs. 4-5-32-33,

Which is a sand stone in earth mound with pits in good order

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

East. on a random line between sections 4 & 33

Variation 14°30' East.

39.89 To a point 15 lks North of ¼ sec. cor.

Which is a sand stone in earth mound with pits in good order

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

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

80.04 To a point 37 lks. North of cor. to secs. 3-4-33-34

Which is a sand stone in earth mound with pits in good order

The return course is therefore N.89°41'W.

S.B. T32N. R36W. 6th P. M.

Chains. Retracing

East. on a random line between sections 3 & 34

Variation 14°30' East.

40.05 To a point 17 lks. North of ¼ sec. cor.

Which is a sand stone in earth mound with pits in good order.

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

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

79.89 To a point 29 lks. North of cor. to secs. 2-3-34-35,

Which is a sand stone in earth mound with pits in good order.

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

East. on a random line between sections 2 & 35

Variation 14°45' East.

39.92 To a point 7 lks. North of ¼ sec. cor.

Which is a sand stone in earth mound with pits in good order.

The return course is therefore N.89°54'W.

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

79.73 To a point 25 lks. North of cor. to secs. 1-2-35-36,

Which is a sand stone in earth mound with pits in good order.

S.B. T.32N. R.36W. 6th P. M.

Chains. Retracing

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

East. on a random line between sections 1 & 36
Variation 14°25' East.

40.11 To a point 14 lks. North of ¼ sec. cor.
Which is a Sandstone in carth mound with pits in good order
The return course is therefore N.89°48'W.

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

80.00 To a point 31 lks. North
The Cor. to Tps. 31 & 32 N. Rs. 35 & 36 W.
Which is a Sandstone in carth mound with pits in good order
The return course is therefore N.89°45'W.

Aug. 11, 1882.

S.B. T.32N. R.35W. 6th P. M.

Chains. Retracing

East. on a random line between sections 31 & 6
Variation 14°35' East.

37.83 To a point 17 lks. North of ¼ sec. cor.
Which is a Sandstone in carth mound with pits in good order.
The return course is therefore N.89°45'W.
From the ¼ Sec. Cor. I continue. East.

77.15 To a point 36 lks. North of cor. to secs. 6-5-31-32,
Which is a Sandstone in carth mound with pits in good order.
The return course is therefore N.89°45'W.

East. on a random line between sections 5 & 32
Variation 14°30' East.

39.84 To a point 12 lks. North of ¼ sec. cor.
Which is a Sandstone in carth mound with pits in good order.
The return course is therefore N.89°50'W.
From the ¼ Sec. Cor. I continue. East.

79.77 To a point 35 lks. North of cor. to secs. 4-5-32-33
Which is a Sandstone in carth mound with pits in good order.

S.B. T. 32 N. R. 35 W. 6th P. M.

Chains. Retracing

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

East. on a random line between sections 4 & 33

Variation 11° 35' East.

40.07 To a point 18 lks. Nath of ¼ sec. cor.

Which is a Sandstone in earth mound with pits in good order

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

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

79.55 To a point 42 lks. Nath of cor. to secs. 3-4-33-34

Which is a Sandstone in earth mound with pits in good order.

The return course is therefore N. 89° 39' W.

East. on a random line between sections 3 & 34

Variation 11° 45' East.

40.00 To a point 25 lks. Nath of ¼ sec. cor.

Which is a Sandstone in earth mound with pits in good order

The return course is therefore N. 89° 39' W.

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

80.13 To a point 38 lks. Nath of cor. to secs. 2-3-34-35,

S.B. T. 32 N. R. 35 W. 6th P. M.

Chains. Retracing

Which is a Sandstone in earth mound with pits in good order.

The return course is therefore N. 89° 49' W.

East. on a random line between sections 2 & 35

Variation 11° 45' East.

40.09 To a point 25 lks. Nath of ¼ sec. cor.

Which is a Sandstone in earth mound with pits in good order.

The return course is therefore N. 89° 39' W.

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

80.00 To a point 81 lks. Nath of cor. to secs. 1-2-35-36,

Which is a Sand stone in earth mound with pits in good order.

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

East. on a random line between sections 1 & 36

Variation 15° East.

40.00 To a point 12 lks. Nath of ¼ sec. cor.

Which is a Sandstone in earth mound with pits in good order.

The return course is therefore N. 89° 54'

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

S.B. T. 31 N. R. 35 W. 6th P. M.

Chains. Retracing

80.19 To a point 27 lks. North

The Cor. to Tps. 31 & 32 N. Rs. 34 & 35 W.

Which is a Sandstone in earth mound with pits in good order

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

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

Aug. 12, 1882.

E.B. T. 32 N. R. 35 W. 6th P. M.

Chains. Retracing

North on a random line between sections 31 & 36

Variation 14° 40' East.

40.00 To a point 12 lks. North of ¼ sec. cor.

Which is a Sandstone in earth mound with pits in good order.

The return course is therefore S. 10' W.

From the ¼ Sec. Cor. I continue. North

80.13 To a point 19 lks. West of cor. to secs. 25-30-31-36

Which is a Sandstone in earth mound with pits in good order.

The return course is therefore S. 6' W.

North on a random line between sections 25 & 30

Variation 15° 10' East.

40.00 To a point 14 lks. West of ¼ sec. cor.

Which is a Sandstone in earth mound with pits in good order.

The return course is therefore S. 12' W.

From the ¼ Sec. Cor. I continue. North

80.24 To a point 25 lks. West of cor. to secs. 19-24-25-30

Which is a Sand stone in earth mound with pits in good order.

G.B. T 32 N. R 35 W. 6th P. M.

Chains. Retracing

The return course is therefore S. 9' W.

North on a random line between sections 19 & 24
Variation 15° East.

40.03 To a point 5 lks. East of ¼ sec. cor.

Which is a Sandstone in earth mound with pits in good order.
The return course is therefore S. 4' E.

From the ¼ Sec. Cor. I continue. North

79.87 To a point 12 lks. East of cor. to secs. 13-18-19-24,

Which is a Sandstone in earth mound with pits in good order.
The return course is therefore S. 6' E.

North on a random line between sections 13 & 18
Variation 14° 55' East.

39.82 To a point 9 lks. West of ¼ sec. cor.

Which is a Sandstone in earth mound with pits in good order.
The return course is therefore S. 8' W.

From the ¼ Sec. Cor. I continue. North

79.80 To a point 17 lks. East of cor. to secs. 7-12-13-18,

G.B. T 32 N. R 35 W. 6th P. M.

Chains. Retracing

Which is a Sandstone in earth mound with pits in good order.
The return course is therefore S. 22' E.

North on a random line between sections 7 & 12
Variation 14° 55' East.

39.79 To a point 8 lks. West of ¼ sec. cor.

Which is a Sandstone in earth mound with pits in good order.
The return course is therefore S. 7' W.

From the ¼ Sec. Cor. I continue. North

79.92 To a point 13 lks. East of cor. to secs. 1-6-7-12,

Which is a Sandstone in earth mound with pits in good order.
The return course is therefore S. 18' E.

North on a random line between sections 1 & 6
Variation 14° 50' East.

39.92 To a point 13 lks. East of ¼ sec. cor.

Which is a Sandstone in earth mound with pits in good order.
The return course is therefore S. 11' E.

From the ¼ Sec. Cor. I continue. North

E.B. T.32 N. R.35 W. 6th P. M.

Chains. Retracing

72.50 To a point 9 lks. East

Closing The Cor. to Tps. 32 N. Rs. 34 & 35 W.

Which is a Post in earth mound with pits in good order.

The return course is therefore S. 5' E.

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

Aug. 14, 1882.

8th Standard Parallel along.

S.B. T.33 N. R.34 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' North West. on a random line on S. B. of Section 31

Va. 14° 36' East.

15.45 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° 22' E.

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

55.57 To a point 17 lks. North Standard of cor. to

Tps. 33 N. Rs. 34 & 35 W.

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

The return course is therefore East.

8th Standard Parallel along.

S.B. T.33 N. R.35 W. 6th P. M.

Chains.	Retracing
	West. on a random line on S. B. of Section 36 Va. 14°36' East.
40.17	To a point 14 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore N.89°48' E.
	From the ¼ Sec. Cor. I continue. West.
80.41	To a point 40 lks. North of cor. to secs. 35 - 36 which is a mound and pits with post in E pit. The return course is therefore N.89°38' E.
	West. on a random line on S. B. of Section 35 Va. 14°30' East.
39.50	To a point 11 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.
79.55	To a point 36 lks. North of cor. to secs. 34 - 35 which is a mound and pits with post in E, pit.

8th Standard Parallel along.

S.B. T.33 N. R.35 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N.89°39' E.
	West. on a random line on S. B. of Section 34 Va. 14°30' East.
40.03	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.
80.11	To a point 37 lks. North of cor. to secs. 33 - 34 which is a mound and pits with post in E, pit. The return course is therefore N.89°50' E.
	West. on a random line on S. B. of Section 33. Va. 14°35' East.
40.20	To a point 31 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.
80.27	To a point 43 lks. North of cor. to secs. 32 - 33

8th Standard Parallel along.

S.B. T.33N. R.35W. 6th P. M.

Chains.	Retracing
	which is a mound and pits with post in E. pit.
	The return course is therefore N.89°50'E.
	West. on a random line on S. B. of Section 32
	Va. 14°40' East.
40.25	To a point 23 lks. North of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore N.89°40'E.
	From the ¼ Sec. Cor. I continue. West.
80.39	To a point 50 lks. North of cor. to secs. 31-32
	which is a mound and pits with post in E. pit.
	The return course is therefore N.89°37'E.

8th Standard Parallel along.

S.B. T.33N. R.35W. 6th P. M.

Chains.	Retracing
	West. on a random line on S. B. of Section 31
	Va. 14°40' East.
40.00	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.
79.90	To a point 31 lks. North
	The Standard Cor. to Tps. 33 N. Rs. 35 & 36 W.
	which is a mound and pits with post in E. pit.
	The return course is therefore N.89°47'E.
	T33N R36W
	West. on a random line on S. B. of Section 36
	Va. 14°35' East.
40.22	To a point 12 lks. N. of ¼ sec. cor.
	which is a mound and pits with post in N pit.
	The return course is therefore N.89°50'E.
	From the ¼ Sec. Cor. I continue. West.
80.33	To a point 37 lks. North of cor. to secs. 35-36
	which is a mound and pits with post in E. pit.

8th Standard Parallel along.

S.B. T.33 N. R.36 W. 6th P. M.

Chains.	Chains.	Retracing
		The return course is therefore N.89°47' E.
		West. on a random line on S. B. of Section 35 Va. 14°40' East.
40	40.12	To a point 22 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore N.89°41' E.
		From the ¼ Sec. Cor. I continue. West.
79	80.18	To a point 35 lks. North of cor. to secs. 34 - 35 which is a mound and pits with post in E. pit. The return course is therefore N.89°49' E.
		West. on a random line on S. B. of Section 34 Va. 14°45' East.
40	40.20	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.
80	80.22	To a point 32 lks. North of cor. to secs. 33 - 34

8th Standard Parallel along.

S.B. T.33 N. R.36 W. 6th P. M.

Chains.	Chains.	Retracing
		which is a mound and pits with post in E. pit. The return course is therefore N.89°51' E.
		West. on a random line on S. B. of Section 33 Va. 14°40' East.
	40.19	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.
	80.39	To a point 40 lks. North of cor. to secs. 32 - 33 which is a mound and pits with post in E. pit. The return course is therefore N.89°44' E.
		West. on a random line on S. B. of Section 32 Va. 14°50' East.
	40.09	To a point 12 lks. North of ¼ sec. cor. which is a mound and pits with post in N. pit. The return course is therefore N.89°50' E.
		From the ¼ Sec. Cor. I continue. West.

Standard Parallel along.

S.B. T33 N. R.36 W. 6th P. M.

Chains.	Retracing
80.11	To a point 31 lks. North of cor. to secs. 31 – 32 which is a mound and pits with post in E. pit. The return course is therefore N.89°44' E.
	West. on a random line on S. B. of Section 31 Va. 14°40' East.
40.18	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.
80.25	To a point 38 lks. North Standard The Cor. to Tps. 33 N. Rs. 36 & 37 which is a mound and pits with post in E. pit. The return course is therefore N.89° 40' E.
	Aug. 15, 1882.

E.B. T33 N. R.37 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 31 & 36 Va. 14°40' East.
40.03	To a point 7 lks. East of ¼ sec. cor. Which is a Post in earth mound with pits in good order. The return course is therefore S. 6' E.
	From the ¼ Sec. Cor. I continue. North
80.13	To a point 16 lks. East of cor. to secs. 25 – 30 – 31 – 36 Which is a Post in earth mound with pits in good order. The return course is therefore S. 8' E.
	North on a random line between sections 25 & 30 Va. 14°40' East.
40.01	To a point 5 lks. West of ¼ sec. cor. Which is a Post in earth mound with pits in good order. The return course is therefore S. 4' W.
	From the ¼ Sec. Cor. I continue. North
80.15	To a point 12 lks. East of cor. to secs. 19 – 24 – 25 – 30 Which is a Post in earth mound with pits in good order. The return course is therefore S. 15' E.

E.B. T. 33 N. R. 37 W. 6th P. M.

Chains.	Retracing
	North on a random line between sections 19 & 24, Va. 14°45' East.
39.90	To a point 11 lks. West of ¼ sec. cor.
	Which is a Post in earth mound with pits in good order.
	The return course is therefore S. 9' W.
	From the ¼ Sec. Cor. I continue. North
80.00	To a point 14 lks. West of cor. to secs. 13-18-19-24
	Which is a Post in earth mound with pits in good order.
	The return course is therefore S. 3' W.
	North on a random line between sections 13 & 18 Va. 14°45' East.
39.95	To a point 7 lks. West of ¼ sec. cor.
	Which is a Post in earth mound with pits in good order.
	The return course is therefore S. 6' W.
	From the ¼ Sec. Cor. I continue. North
80.19	To a point 5 lks. West of cor. to secs. 7-12-13-18
	Which is a Post in earth mound with pits in good order.

E.B. T. 33 N. R. 37 W. 6th P. M.

Chains.	Retracing
	The return course is therefore S. 2' E.
	North on a random line between sections 7 & 12 Va. 14°30' East.
40.00	To a point 6 lks. East of ¼ sec. cor.
	Which is a Post in earth mound with pits in good order.
	The return course is therefore S. 5' E.
	From the ¼ Sec. Cor. I continue. North
79.90	To a point 7 lks. East of cor. to secs. 1-6-7-12
	Which is a Post in earth mound with pits in good order.
	The return course is therefore S. 1' E.
	North on a random line between sections 1 & 6, Va. 14°50' East.
110.00	To a point 10 lks. East of ¼ sec. cor.
	Which is a Post in earth mound with pits in good order.
	The return course is therefore S. 9' E.
	From the ¼ Sec. Cor. I continue. North
79.85	To a point 10 lks. East of

E.B. T.33N. R.37W. 6th P. M.

Chains.	Retracing
	The Cor. to Tps. 33 & 34 N. Rs. 36 & 37 W.
	Which is a Post in earth mound with pits in good order.
	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.
	Aug 16, 1882,

N.B. T.33N. R.37W. 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°52' North
	West. on a random line between sections 1 & 36
	Variation 14°45' East.
39.92	To a point 25 lks. South of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore S. 89° 39' E.
	From the ¼ Sec. Cor. I continue. West.
79.86	To a point 31 lks. South of cor. to secs. 1 - 2 - 35 - 36
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore S. 89° 55' E.
	West. on a random line between sections 2 & 35
	Variation 14°25' East.
40.00	To a point 10 lks. South of ¼ sec. cor.

N.B. T33N. R37W. 6th P. M.

Chains. Retracing

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

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

79.84 To a point 25 lks. South of cor. to secs. 2-3-34-35,

Which is a Post ~~stone~~ in earth mound with pits in good order

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

West. on a random line between sections 3 & 34

Variation 15° East.

40.00 To a point 14 lks. South of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

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

80.13 To a point 20 lks. South of cor. to secs. 3-4-33-34,

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

N.B. T.33N. R.37W. 6th P. M.

Chains. Retracing

West. on a random line between sections 4 & 33

Variation 15° East.

39.90 To a point 17 lks. South of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

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

80.00 To a point 30 lks. South of cor. to secs. 4-5-32-33

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore S.89°49'E.

West. on a random line between sections 5 & 32,

Variation 15° East.

40.12 To a point 24 lks. South of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore S.89°39'E.

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

80.00 To a point 35 lks. South of cor. to secs. 5-6-31-32,

Which is a Post ~~stone~~ in earth mound with pits in good order.

N.B. T33N. R37W. 6th P. M.

Chains. Retracing

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

West. on a random line between sections 6 & 31

Variation 14°50' East.

40.00 To a point 18 lks. South of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

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

78.70 To a point 27 lks. South

The Cor. to Tps. 33 & 34 N. Rs. 37 & 38 W.

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

N.B. T33N. R.37W. 6th P. M.

Chains. Retracing

South on a random line between sections 1 & 6

Variation 14°30' East.

40.13 To a point 9 lks. East of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore N. 8' E.

From the ¼ Sec. Cor. I continue. South

80.19 To a point 12 lks. East of cor. to secs. 1-6-7-12

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore N. 3' E.

South on a random line between sections 7 & 12

Variation 14°30' 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

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W.B. T.33 N. R.37 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 13 & 18
	Variation 14°35′ East.
40.00	To ¼ Sec. Cor. Post and earth mound in good order
79.92	To a point 12 lks. West of cor. to secs. 13-18-19-24
	Which is a Post ~~stone~~ in earth mound with pits in good order
	The return course is therefore N. 10′ W.
	South on a random line between sections 19 & 24
	Variation 14°25′ East.
40.00	To a point 10 lks. West of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 9′ W.
	From the ¼ Sec. Cor. I continue. South
79.87	To a point 15 lks. West of cor. to secs. 19-24-25-30
	Which is a Post ~~stone~~ in earth mound with pits in good order
	The return course is therefore N. 4′ W.

W.B. T.33 N. R.37 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 25 & 30
	Variation 14°30′ East.
39.90	To ¼ Sec. Cor. Post and earth mound in good order
79.80	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°30′ East.
40.00	To ¼ Sec. Cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
80.00	The Standard Cor. to Tps. 33 N. Rs. 37 & 38 W.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	Aug. 17, 1882.

8th Standard Parallel along.

S.B. T.33N. R.37W. 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. 33 N. Rs. 36 & 37 Standard

I run.

West. on a random line on S. B. of Section 36

Va. 14°45' East.

40.12 To a point 29 lks. North of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good ord

The return course is therefore N.89°35' E.

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

80.17 To a point 37 lks. North of cor. to secs. 35-36

Which is a Post ~~stone~~ in earth mound with pits in good ord

The return course is therefore N.89°53' E.

8th Standard Parallel along.

S.B. T.33 N. R.37 W. 6th P. M.

Chains. Retracing

West. on a random line on S. B. of Section 35

Va. 14°35' East.

40.06 To a point 23 lks. North of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

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

79.92 To a point 25 lks. North of cor. to secs. 34-35

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

West. on a random line on S. B. of Section 34

Va. 14°35' East.

40.00 To a point 20 lks. North of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore N.89°43' E.

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

79.88 To a point 29 lks. North of cor. to secs. 33-34,

Which is a Post ~~stone~~ in earth mound with pits in good order.

8th Standard Parallel along.

S.B. T.33 N. R.37 W. 6th P. M.

Chains. Retracing

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

West. on a random line on S. B. of Section 33.

Va. 14°30' East.

40.00 To a point 25 lks. North of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good ord

The return course is therefore N.89°39' E.

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

80.07 To a point 36 lks. North of cor. to secs. 32-33

Which is a Post ~~stone~~ in earth mound with pits in good ord

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

West. on a random line on S. B. of Section 32.

Va. 14°00' East.

39.62 To a point 13 lks. North of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good ord

The return course is therefore N.89°49' E.

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

79.43 To a point 32 lks. North of cor. to secs. 31-32,

8th Standard Parallel along.

S.B. T.33 N. R.37 W. 6th P. M.

Chains. Retracing

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore N.89°44' E.

West. on a random line on S. B. of Section 31

Va. 14°45' East.

40.10 To a point 11 lks. North of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

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

80.00 To a point 30 lks. North

The Cor. to Tps. Standard 33 N. Rs. 37 & 38 W.

which is a post in earth md. 9 pits in good order.

The return course is therefore N.89°41' E.

S. Standard Parallel along.

S.B. T.33N. R.38W. 6th P. M.

Chains.	Retracing
	West. on a random line on S. B. of Section 36 Va. 14°30' East.
40.10	To a point 13 lks. North of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N.89°49' E.
	From the ¼ Sec. Cor. I continue. West.
80.09	To a point 40 lks. North of cor. to secs. 35-36
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N.89°34' E.
	West. on a random line on S. B. of Section 35 Va. 14°20' East.
40.01	To a point 27 lks. North of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N.89°37' E.
	From the ¼ Sec. Cor. I continue. West.
79.53	To a point 44 lks. North of cor. to secs. 34-35
	Which is a Post ~~stone~~ in earth mound with pits in good order.

S. Standard Parallel along.

S.B. T.33N. R.38 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N.89°45' E.
	West. on a random line on S. B. of Section 34 Va. 14°15' East.
39.90	To a point 31 lks. North of ¼ sec. cor.
	Which is a Line stone in earth mound with pits in good order.
	The return course is therefore N.89°33' E.
	From the ¼ Sec. Cor. I continue. West.
79.77	To a point 50 lks. North of cor. to secs. 33-34,
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N.89°44' E.
	West. on a random line on S. B. of Section 33 Va. 14°35' East.
39.85	To a point 11 lks. North of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N.89°51' E.
	From the ¼ Sec. Cor. I continue. West.
80.15	To a point 29 lks. North of cor. to secs. 32-33,

S. B. Standard Parallel along.

S. B. T. 38 N. R. 38 W. 6th P. M.

Chains.	Retracing
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 89° 45' E.
	West. on a random line on S. B. of Section 32
	Va. 14° 35' East.
39.79	To a point 16 lks. North of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 89° 46' E.
	From the ¼ Sec. Cor. I continue. West.
79.67	To a point 35 lks. North of cor. to secs. 31 – 32,
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 89° 44' E.
	West. on a random line on S. B. of Section 31
	Va. 14° 30' East.
40.08	To a point 21 lks. North of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 89° 42' E.
	From the ¼ Sec. Cor. I continue. West.

S. B. Standard Parallel along.

S. B. T. 38 N. R. 38 W. 6th P. M.

Chains.	Retracing
80.04	To a point 45 lks. North
	The Standard Cor. to Tps. 38 N. Rs. 38 & 39
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 89° 38' E.
	Aug. 18, 1882.

8th " Standard Parallel along.

S.B. T.33N. R.39W. 6th P. M.

Chains. Retracing

West. on a random line on S. B. of Section 36.

Va. 14°51' East.

39.95 To a point 14 lks. North of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

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

79.75 To a point 18 lks. North of cor. to secs. 35 - 36

Which is a Post ~~stone~~ in earth mound with pits in good order

The return course is therefore N.89°54' E.

West. on a random line on S. B. of Section 35

Va. 14°50' East.

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

Which is a Post ~~stone~~ in earth mound with pits in good order

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

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

80.17 To a point 14 lks. North of cor. to secs. 34 - 35,

Which is a Post ~~stone~~ in earth mound with pits in good order

8th " Standard Parallel along.

S.B. T.33N. R.39W. 6th P. M.

Chains. Retracing

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

West. on a random line on S. B. of Section 34

Va. 14°50' East.

40.00 To a point 16 lks. North of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore N.89°46' E.

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

80.13 To a point 21 lks. North of cor. to secs. 33 - 34

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

West. on a random line on S. B. of Section 33

Va. 15°15' East.

39.72 To a point 18 lks. North of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

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

79.69 To a point 28 lks. North of cor. to secs. 32 - 33,

8th Standard Parallel along.

S.B. T33 N. R39W. 6th P. M.

Chains. Retracing

Which is a Post ~~stone~~ in earth mound with pits in good order

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

West, on a random line on S. B. of Section 32

Va. 15°20' East.

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

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

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

79.69 To a point 15 lks. North of cor. to secs. 31 – 32

Which is a Post ~~stone~~ in earth mound with pits in good order

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

West. on a random line on S. B. of Section 31

Va. 15°10' East.

40.00 To a point 14 lks North of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

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

8th Standard Parallel along.

S.B. T33 N. R39W. 6th P. M.

Chains. Retracing

79.86 To a point 23 lks. North

The Cor. to Tps. 33 Standard N. Rs. 39 & 40 W.

Which is a Post ~~stone~~ in earth mound with pits in good order.

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

8th Standard Parallel along.

S.B. T33N. R40W. 6th P. M.

Chains. Retracing

West. on a random line on S. B. of Section 36,
Va. 15°13' East.

40.00 To a point 15 lks. North of ¼ sec. cor.
Which is a Post ~~stone~~ in earth mound with pits in good order.
The return course is therefore N.89°47' E.

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

79.79 To a point 22 lks. North of cor. to secs. 35 - 36
Which is a Post ~~stone~~ in earth mound with pits in good order
The return course is therefore N.89°54' E.

West. on a random line on S. B. of Section 35.
Va. 15°20' East.

39.51 To a point 9 lks. North of ¼ sec. cor.
Which is a Post ~~stone~~ in earth mound with pits in good order.
The return course is therefore N.89°52' E.

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

79.77 To a point 30 lks. North of cor. to secs. 34 - 35,
Which is a Post ~~stone~~ in earth mound with pits in good order.

Standard Parallel along.

S.B. T33N. R.40W. 6th P. M.

Chains. Retracing

The return course is therefore N.89°42' E.

West. on a random line on S. B. of Section 34
Va. 15°15' East.

39.63 To a point 11 lks. North of ¼ sec. cor.
Which is a Post ~~stone~~ in earth mound with pits in good order.
The return course is therefore N.89°51' E.

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

79.55 To a point 34 lks. North of cor. to secs. 33 - 34,
Which is a Post ~~stone~~ in earth mound with pits in good order.
The return course is therefore N.89°40' E.

West. on a random line on S. B. of Section 33.
Va. 15°15' East.

39.70 To a point 6 lks North of ¼ sec. cor.
Which is a Post ~~stone~~ in earth mound with pits in good order.
The return course is therefore N.89°55' E.

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

79.86 To a point 25 lks. North of cor. to secs. 32 - 33

8th Standard Parallel along.

S.B. T. 33 N. R. 40 W. 6th P. M.

Chains. Retracing

Which is a Post ~~stone~~ in earth mound with pits in good order.
The return course is therefore N. 89° 44' E.

West. on a random line on S. B. of Section 32
Va. 15° 15' East.

40.01 To a point 18 lks. North of ¼ sec. cor.
Which is a Post ~~stone~~ in earth mound with pits in good order.
The return course is therefore N. 89° 45' E.
From the ¼ Sec. Cor. I continue. West.

79.51 To a point 27 lks. North of cor. to secs. 31 – 32
Which is a Post ~~stone~~ in earth mound with pits in good order.
The return course is therefore N. 89° 52' E.

West. on a random line on S. B. of Section 31
Va. 15° 15' East.

5.32 Closing The Cor. to Tps. 32 N. N. Rs. 40 & 41 W.
Which is a Post ~~stone~~ in earth mound with pits in good order.
I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.
Aug. 19. 1882.

5th Guide Meridian West.

N.B. T. 32 N. R. 40 W. 6th P. M.

Chains. Retracing

South on a random line between sections 1 & 6
Variation 14° 50' East.

12.64 To ¼ Sec. Cor. Post and earth mound in good order

52.57 To Cor. to Secs. 1-6-7-12 Post and earth mound in good order

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South on a random line between sections 7 & 12
Variation 14° 50' East.

40.07 To a point 7 lks. West of ¼ sec. cor.
Which is a Post ~~stone~~ in earth mound with pits in good order.
The return course is therefore N. 6' W.
From the ¼ Sec. Cor. I continue. South

80.19 To a point 13 lks. East of cor. to secs. 7-12-13-18
Which is a Lime stone in earth mound with pits in good order.
The return course is therefore N. 17' E.

5th Guide Meridian West.

W.B. T. 32 N. R. 40 W. 6th P. M.

Chains.	Retracing
	South on a random line between sections 13 & 18
	Variation 14°50' East.
40.12	To a point 10 lks. East of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 9' E.
	From the ¼ Sec. Cor. I continue. South
79.91	To a point 17 lks. West of cor. to
	secs. 13-18-19-24
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 23' W.
	South on a random line between sections 19 & 24
	Variation 14°55' East.
39.82	To a point 14 lks. West of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 12' W.
	From the ¼ Sec. Cor. I continue. South
79.88	To a point 19 lks. West of cor. to
	secs. 19-24-25-30,
	Which is a Stone stone in earth mound with pits in good order.

5th Guide Meridian West.

W.B. T. 32 N. R. 40 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 4' W.
	South on a random line between sections 25 & 30
	Variation 14°55' East.
39.87	To a point 5 lks. West of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 4' W.
	From the ¼ Sec. Cor. I continue. South
79.84	To a point 8 lks. East of cor. to
	secs. 25-30-31-36
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 11' E.
	South on a random line between sections 31 & 36
	Variation 14°55' East.
40.00	To a point 4 lks. West of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 3' W.
	From the ¼ Sec. Cor. I continue. South
80.16	To a point 4 lks. West
	The Cor. to Tps. 31 & 32 N. Rs. 40 & 41 W.

5th Guide Meridian West.

W.B. T.32 N. R.40 W. 6th P. M.

Chains.	Retracing
	Which is a Post ~~stone~~ in earth mound with pits in good order
	The return course is therefore North,
	Aug. 21, 1882,

5th Guide Meridian West.

W.B. T.31 N. R.40 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.
	South on a random line between sections 1 & 6
	Variation 15° East.
40.00	To a point 10 lks. West of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 9' W.
	From the ¼ Sec. Cor. I continue. South
80.21	To a point 12 lks. West of cor. to secs. 1-6-7-12,
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 2' W.
	South on a random line between sections 7 & 12
	Variation 15° 30' East.
40.00	To a point 3 lks. West of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order.

5th Guide Meridian West.

N.B. T. 31 N. R. 40 W. 6th P. M.

Chains. Retracing

The return course is therefore N. 3' W.

From the ¼ Sec. Cor. I continue. South

80.09 To a point 11 lks. West of cor. to secs. 7-12-13-18

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore N. 7' W.

South on a random line between sections 13 & 18

Variation 15° 15' East.

39.90 To a point 9 lks. East of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore N. 8' E.

From the ¼ Sec. Cor. I continue. South

80.03 To a point 21 lks. East of cor. to secs. 13-18-19-24,

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore N. 10' E.

5th Guide Meridian West.

N.B. T. 31 N. R. 40 W. 6th P. M.

Chains. Retracing

South on a random line between sections 19 & 24

Variation 15° 25' East.

39.82 To a point 5 lks. East of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore N. 4' E.

From the ¼ Sec. Cor. I continue. South

79.77 To a point 7 lks. East of cor. to secs. 19-24-25-30

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore N. 2' E.

South on a random line between sections 25 & 30

Variation 15° 20' East.

39.87 To a point 4 lks. East of ¼ sec. cor.

Which is a Post ~~stone~~ in earth mound with pits in good order.

The return course is therefore N. 3' E.

From the ¼ Sec. Cor. I continue. South

80.19 To a point 9 lks. West of cor. to secs. 25-30-31-36

Which is a Post ~~stone~~ in earth mound with pits in good order.

5th Guide Meridian West.

W.B. T31 N. R.40 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N. 11° W.
	South on a random line between sections 31 & 36
	Variation 15° 20' East.
40.00	To a point 5 lks. West of ¼ sec. cor.
	Which is a Post ~~stone~~ in earth mound with pits in good order
	The return course is therefore N. 4° W.
	From the ¼ Sec. Cor. I continue, South
80.06	To a point 13 lks. East
	The Cor. to Tps. 30 & 31 N. Rs. 40 & 41 W.
	Which is a Post ~~stone~~ in earth mound with pits in good order.
	The return course is therefore N. 15° E.

S.B. T31 N. R.40 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 between sections 6 & 31
	Variation 14° 55' East.
36.25	To a point 14 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' W.
	From the ¼ Sec. Cor. I continue. East.
76.10	To a point 22 lks. South of cor. to secs. 5-6-31-32
	which is a mound and pits with post in S.E. pit.
	The return course is therefore S. 89° 53' W.
	East. on a random line between sections 5 & 32
	Variation 14° 50' East.
40.08	To a point 15 lks North of ¼ sec. cor.
	which is a mound and pits with post in N. pit.

S.B. T.31 N. R.40 W. 6th P. M.

Chains.	Retracing
	The return course is therefore N.89°47'W.
	From the ¼ Sec. Cor. I continue. East.
80.19	The corner to sections 4-5-32-33,
	which is a mound and pits with post in S.E. pit.
	The return course is therefore S.89°47'W.
	East. on a random line between sections 4 & 33
	Variation 15°10 East.
40.13	To a point 19 lks. North of ¼ sec. cor.
	which is a mound and pits with post in N. pit.
	The return course is therefore N.89°44'W.
	From the ¼ Sec. Cor. I continue. East.
80.22	The corner to sections 3-4-33-34
	which is a mound and pits with post in S.E. pit.
	The return course is therefore S.89°44'W.
	East. on a random line between sections 3 & 34
	Variation 15°25' East.
40.07	To a point 12 lks. South of ¼ sec. cor.

S.B. T.31 N. R.40 W. 6th P. M.

Chains.	Retracing
	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.
79.91	The corner to sections 2-3-34-35
	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 14°55 East.
40.00	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.
79.93	To a point 12 lks. South of cor. to secs. 1-2-35-36
	which is a mound and pits with post in S.E. pit.
	The return course is therefore West.

6 72
2 283

S.B. T. 31 N. R. 40 W. 6th P. M.

Ch Chains.	Retracing
	East. on a random line between sections 1 & 36
	Variation 15° 30' East
40.00	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.
80.00	To a point 23 lks. South
	The Cor. to Tps. 30 & 31 N. Rs. 39 & 40 W.
	The return course is therefore S. 89° 49' W.
	Aug. 22, 1882.

General Land Office • Original Field Notes

Book Number

760

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.