

# GENERAL LAND OFFICE • ORIGINAL FIELD NOTES

BOOK NUMBER

**764**

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

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

Field Notes  
of  
Retracement of Neb - Wyo Line  
from the  
99<sup>th</sup> to the 75<sup>th</sup> Mile Post

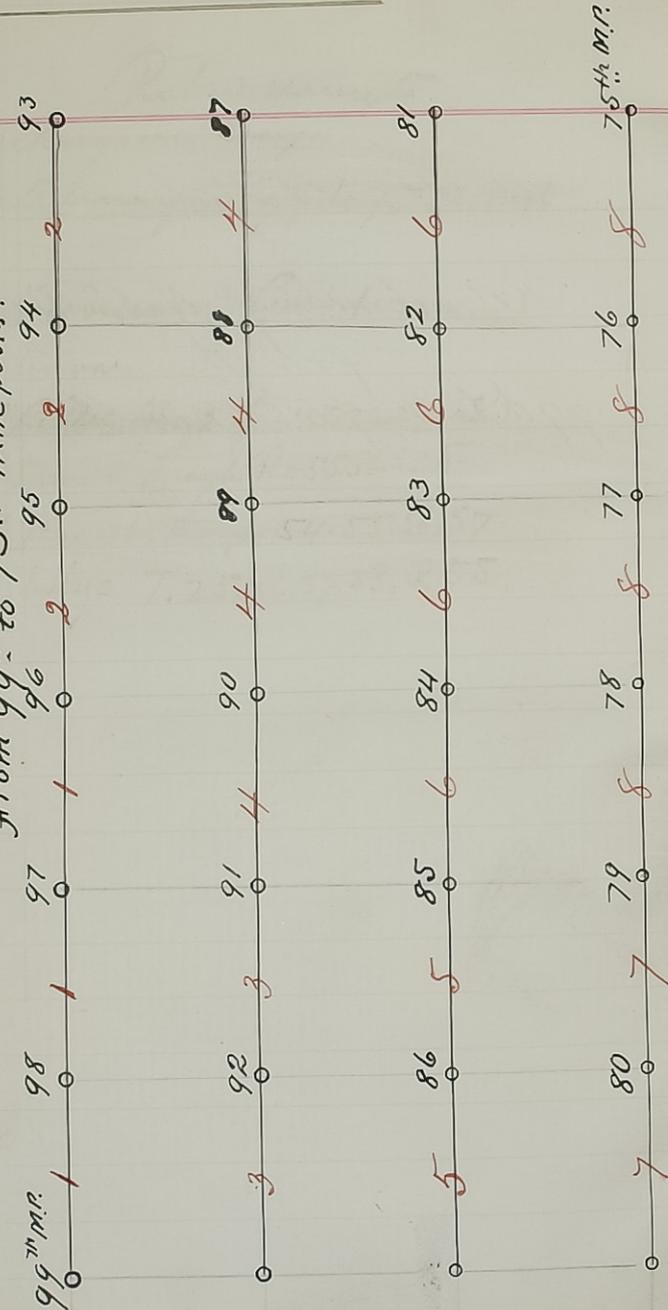
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NO. 1 Index Diagram of NEB - WYO. LINE

from 99<sup>th</sup> to 75<sup>th</sup> mile posts.



West Boundary of Nebraska.

Retracing

From the 99<sup>th</sup> Mile Post on West Boundary of Nebraska which Post is 14,49 ches West of 14<sup>th</sup> <sup>or S. 64<sup>th</sup> sec 31</sup> and 18,20 ches South of the Standard Curve sec 31 + 32 on 14<sup>th</sup> Standard Parallel North Run South on a random line Va. 16° East.

79.55 To 98<sup>th</sup> Mile Post.

From 98<sup>th</sup> Mile Post Run South on a random line Va. 16° East

80.00 To 97<sup>th</sup> Mile Post.

From 97<sup>th</sup> Mile Post Run South on a random line Va. 16° East

80.00 To 96<sup>th</sup> Mile Post.

## West Boundary of Nebraska

Retracing

80.00 From 96<sup>th</sup> Mile Post I run  
South on a random line  
Var. 16° 6' East  
To 95<sup>th</sup> Mile Post.

80.00 From 95<sup>th</sup> Mile Post I run  
South on a random line  
Var. 16° East  
To 94<sup>th</sup> Mile Post.

80.00 From 94<sup>th</sup> Mile Post I run  
South on a random line  
Var. 16° East  
To 93<sup>th</sup> Mile Post.

## West Boundary of Nebraska

Retracing.

Before proceeding further with  
this line 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 listed same by reversing  
From 93<sup>rd</sup> Mile Post I run  
South on a random line  
Var. 16° East.  
80.00 To 92<sup>nd</sup> Mile Post.

80.00 From 92<sup>nd</sup> Mile Post I run  
South on a random line  
Var. 16° East.  
To 91<sup>st</sup> Mile Post.

## West Boundary of Nebraska

## Retracing

From 91<sup>st</sup> Mile Post I run  
South on a random line  
Va. 16° 09' East  
80.00 To 90<sup>th</sup> Mile Post.

From 90<sup>th</sup> Mile Post I run  
South on a random line  
Va. 16° 09' East  
80.00 To 89<sup>th</sup> Mile Post.

From 89<sup>th</sup> Mile Post I run  
South on a random line  
Va. 16° 6' East  
80.00 To 88<sup>th</sup> Mile Post.

From 88<sup>th</sup> Mile Post I run  
South on a random line  
Va. 16° East  
80.00 To 87<sup>th</sup> Mile Post.

October 17 1881

## West Boundary of Nebraska.

## Retracing

Before proceeding further with  
this line I made a change of  
5 minutes in the latitude  
arc of my solar compass by  
subtracting same from the  
reading previously given, and  
and at noon verified and  
corrected the same by observa-  
tion on the sun. I also further  
tested instrument by reversing  
From 87<sup>th</sup> Mile Post I run  
South on a random line.  
Va. 16° East

80.00 To 86<sup>th</sup> Mile Post

From 86<sup>th</sup> Mile Post I run  
South on a random line  
Va. 15° 15' East  
80.00 To 85<sup>th</sup> Mile Post.

West Boundary of Nebraska

Itinerary

64.00 From 85<sup>th</sup> Mile Post I run South on a random line  
 Va. 15° 12' East  
 To a point 7<sup>1/2</sup> lks East of 84<sup>th</sup> Mile Post.  
 The return course is true for N 3° E.

80.00 From 84<sup>th</sup> Mile Post I run South on a random line  
 Va. 15° 6' East  
 To 83<sup>rd</sup> Mile Post.

80.00 From 83<sup>rd</sup> mile Post I run South on a random line  
 Va. 15° 6' East  
 To 82<sup>nd</sup> Mile Post

80.00 From 82<sup>nd</sup> Mile Post I run South on a random line  
 Va. 15° 03' East.  
 To 81<sup>st</sup> Mile Post.

West Boundary of Nebraska

Itinerary

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

80.00 From 81<sup>st</sup> Mile Post I run South on a random line  
 Va. 16° East  
 To 80<sup>th</sup> Mile Post

80.00 From 80<sup>th</sup> Mile Post I run South on a random line  
 Va. 16° East  
 To 79<sup>th</sup> Mile Post

## West Boundary of Nebraska

## Retracing

From 79<sup>th</sup> Mile Post Drum South  
on a random line  
80.00 To 78<sup>th</sup> Mile Post.  
Va. 16° East

From 78<sup>th</sup> Mile Post Drum  
South on a random line  
80.00 To 77<sup>th</sup> Mile Post.  
Va. 16° East

From 77<sup>th</sup> Mile Post Drum  
South on a random line  
80.00 To 76<sup>th</sup> Mile Post.  
Va. 15° 40' East

From 76<sup>th</sup> Mile Post Drum  
South on a random line  
80.00 To 75<sup>th</sup> Mile Post.  
Va. 16° East

Oct. 18<sup>th</sup> 1881

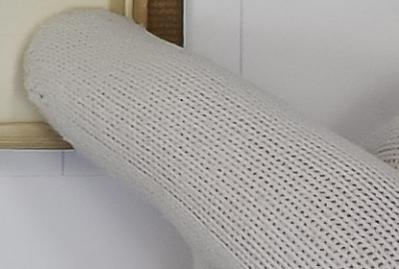
## Note:

In the preceding retracings the fallings and measurements except when otherwise noted have been so near those originally reported the difference being generally less than 10 lks that I deemed the course and distance originally given attributing any difference to be only such as two different sets of chainmen would make in chaining the same line.

The descriptions of corners will be found in the books of Subdivisions of the closing on this line.

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11



10

INDEX DIAGRAM

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No. 5

INDEX DIAGRAM

11

11



INDEX DIAGRAM

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 7th Guide Mer. N. along W. boundaries of Tps 25, 26, 27 + 28 R. 56 W. The 6th Stand and line North along S. boundaries of Tps 25, 26, 27 + 28 R. 55, 56, 57 + 58 W. The 7th Stand line North along S. boundaries of T. 29 R. 54, 55, 56 + 57 W. + the E. boundaries of Tps 25, 26, 27 + 28 R. 55 W. 6th P. M.

D. Weeks, Chainman.

Thomas Bement, Chainman.

, Chainman.

, Chainman.

Subscribed and sworn to before me this 15th

day of June, 1881.

C. F. Putnam  
Notary Public

I John L. Dawson

and do solemnly swear that I will well and truly perform the duties of axemen, in the establishment of corners and other duties, according to instructions given me, and to the best of my skill and

ability, in the survey of retracing the 7th Guide Mer. N. along W. boundaries of Tps 25, 26, 27 + 28 R. 56 W. The 6th Stand and line North along S. boundaries of Tps 25, 26, 27 + 28 R. 55, 56, 57 + 58 W. The 7th Stand line North along S. boundaries of T. 29 R. 54, 55, 56 + 57 W. + the E. boundaries of Tps 25, 26, 27 + 28 R. 55 W. 6th P. M.

John L. Dawson, Axeman.

, Axeman.

Subscribed and sworn to before me this 15th

day of June, 1881.

C. F. Putnam  
Notary Public

I, Frank Shaw

do solemnly swear that I will well and truly perform the duties of flagman, according to instructions given me, and to the best of

my skill and ability, in the survey of the retracing of the 4th Guide Mer. W. along W. boundaries of Tps 25, 26, 27 + 28 R. 56 W. The 6th Standard line North along S. boundaries of Tp 25 N. Rs 55, 56, 57 + 58 W. The 7th Standard line North along South boundaries of Tp. 29 N. Rs. 54, 55, 56 + 57 W. and the East boundaries of Tps. 25, 26, 27 + 28 N. R. 55 W. 6th P. M.

Frank Shaw, Flagman.

Subscribed and sworn to before me this 15th day of June, 1881.

L. T. Putnam

Notary Public

Standard Parallels

6th Standard - page 20

7th Standard pages 81, 83, 88, 93.

Guide Meridians

T. 25.	7th Guide Meridian	page	27
" 26	" "	"	32
" 27	" "	"	38
" 28	" "	"	44

Retracements  
of the  
6<sup>th</sup> Standard Parallel  
in  
Ranges 57, 58, 56, 54, 55 W

In Range	57	page	20-22
" Range	58	"	26
" Range	56	"	30-36
" Range	55	"	56-56

Survey made with Burt's Patent  
Improved Solar Compass, in first-  
rate order. Made by W. & L. E. Kewley,  
of Troy, N. Y., in 1880.

On the 15<sup>th</sup> day of June, 1881, I set  
my instrument at the Standard  
cor. to Tps. 25 N., Rs. 56<sup>th</sup> & 57<sup>th</sup> W.,  
carefully examined it in all  
its adjustments, particularly  
the latitude and meridian  
apparatus and found it  
correct. I also further tested  
instrument by meridian. I  
took the latitude and found  
it to be 42° 04' N.

1/20 6<sup>th</sup> Standard Parallel, along  
S. boundary T. 25 N., R. 57 W., 6<sup>th</sup> P. M.

Chains Retracing

From the Standard Cor. to Spc  
25 N., R. 56<sup>th</sup> 57 W., which is  
a post, with mound of earth  
around same, which I mounded,  
making it 2 1/2 ft. high, 5 ft.  
base <sup>and</sup> pits, 4, E. <sup>and</sup> W. of  
post, 6 ft. dist, which I mndg,  
making them 24 + 18 + 12 ins, I run

West on a random line, on S. boundary sec. 36.  
Var. 15° 45' East.

40.12 To a point 10 lks. S. of 14 sec. cor.,  
which is an earth mound <sup>and</sup> pits,  
write post in E. pit.

The return course is therefore S. 89° 51' E.  
From the 14 sec. cor., I continue W.

40.18 To a point 5 lks. S. of cor. to sec.  
35<sup>th</sup> 36, which is a mound <sup>and</sup>  
pits, write post in E. pit. The  
marks on post being partly effaced  
I mark same

6<sup>th</sup> Standard Parallel, along 2/21  
S. boundary T. 25 N., R. 57 W., 6<sup>th</sup> P. M.

Chains Retracing

S.C. T. 25 N. R. 57 W. on 11,  
S. 36 in E <sup>and</sup>  
S. 35 on W. faces, with 1 notch  
on E. <sup>and</sup> 5 notches on W. faces.  
The return course is therefore S. 89° 38' E.

West on a random line, on S. boundary sec. 35.  
Var. 15° 30' East.

40.30 To 14 sec. cor., when I find traces  
of an earth mound <sup>and</sup> pits, but  
no post. To mark cor., I mndg  
mound, making it 1 1/2 ft. high, 3 1/2 ft.  
base, ndg pits, 18 + 18 + 12 ins, E.  
<sup>and</sup> W. of mound, 5 1/2 ft. dist. <sup>and</sup>  
in E. pit, draw a stake 2 ft.  
long, 2 ins. square, 12 ins. in the  
ground, marked S.C. 14 S. on 11.  
face.

From the 14 sec. cor., I continue W.

39.97 To a point 33 lks. S. of cor. to sec.

22 6<sup>th</sup> Standard Parallel, along  
S. boundary T. 20 N., R. 57 W., 6<sup>th</sup> P.M.

Drawn

Retracing

34<sup>th</sup> and 35, which is a mound and  
pits, with post in E. pit.  
The return course is therefore  $S. 89^{\circ} 52' E.$

West on a random line, on S. boundary sec 34,  
Val.  $15^{\circ} 24' East.$

40.00 To a point 5 lks. S. of  $\frac{1}{4}$  sec cor.,  
which is a mound and pits, with  
post in E. pit. I reburied  
mound, making it  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base.

The return course is therefore  $S. 89^{\circ} 56' E.$

From the  $\frac{1}{4}$  sec. cor., I continue W.

39.93 To a point 10 lks. W. of cor. to sec.  
33<sup>rd</sup> and 34, which is a mound and  
pits, in bad condition, but no  
trace of post. To reestablish cor.,  
I reburied mound, making it 2 ft.  
high,  $4\frac{1}{2}$  ft. base, no dig pits,  
 $18 \times 18 \times 12$  ins., W., E. and W. of post,

23 6<sup>th</sup> Standard Parallel, along  
S. boundary T. 20 N., R. 57 W., 6<sup>th</sup> P.M.

Drawn

Retracing

$5\frac{1}{2}$  ft. dist. W. in E. pit, set  
a post, 2 ft. long, 2 ins. square,  
12 ins. in the ground, marked  
S. 6. T. 20 N., R. 57 W. on W.,  
N. 34 and E. 4<sup>th</sup>  
S. 33 and W. faces, with 3 notches  
on E. and W. faces.  
The return course is therefore  $N. 89^{\circ} 51' E.$

West on a random line, on S. boundary sec 33,  
Val.  $16^{\circ} 00' East.$

39.97 To  $\frac{1}{4}$  sec. cor., which is a mound  
and pits, with post in E. pit

80.18 To cor. to sec. 32<sup>nd</sup> and 33, which is  
a mound and pits, with post in  
E. pit. I reburied mound making  
it 2 ft high,  $4\frac{1}{2}$  ft. base.

5/24 6<sup>th</sup> Standard Parallel, along  
S. boundary T. 25 N., R. 57 W., 6<sup>th</sup> P.M.

Chains

Retracing

West on a random line, on S. boundary sec. 32.  
Val.  $15^{\circ} 33'$  East.

H0.00 To a point 12 lks. N. of '14 sec. cor.,  
which is a mound and pits, with  
post in E. pit. I rebuild mound  
making it  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base.  
The return course is therefore  $41^{\circ} 59' 50''$  E.

From the '14 sec. cor., I continue W.  
H0.02 To a point 8 lks. N. of cor. to sec.  
31 and 32, which is a mound and  
pits, but no trace of post. I rebuild  
mound, making it 2 ft. high,  $4\frac{1}{2}$  ft.  
base, making pits  $18 \times 18 \times 12$  ins., N.,  
E. and W. of mound,  $5\frac{1}{2}$  ft. dist. in  
in E. pit, set a post, 2 ft. long,  
2 ins. square, 12 ins. in the ground,  
marked S. 6. T. 25 N., R. 57 W. on the  
D. 32 and E. and  
S. 31 and W. faces, with 5 notches  
on E. and 1 notch on W. faces.  
The return course is therefore  $41^{\circ} 59' 50''$  E.

6<sup>th</sup> Standard Parallel, along  
S. boundary T. 25 N., R. 57 W., 6<sup>th</sup> P.M. 6  
25

Chains

Retracing

West on a random line, on S. boundary sec. 31.  
Val.  $16^{\circ} 03'$  East.

H0.06 To a point 10 lks. N. of '14 sec. cor.,  
which is a partly destroyed  
mound and filled up pits, but no  
trace of stake. To remarks corner,  
I rebuild mound, making it 1 $\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base, making pits,  
 $18 \times 18 \times 12$  ins., E. and W. of mound,  
 $5\frac{1}{2}$  ft. dist. in E. pit, set a  
post, 2 ft. long, 2 ins. square, marked  
S. 6. T. 25 N. on N. face.

The return course is therefore  $41^{\circ} 57' 49''$  E.  
From the '14 sec. cor., I continue W.

39.81 To Standard Cor. to T. 25 N.,  
R. 57 and 58 W., which is a  
mound and pits, with post  
in E. pit, in good order.

2/26 6<sup>th</sup> Standard Parallel along  
S. boundary T. 25 N., R. 58 W., 6<sup>th</sup> P.M.

Chains

Retracing

West on a random line, on S. boundary sec. 36.  
Val. 15° 30' East.

40.19 To '14 sec. cor., which is a mound  
and pits, with post in E. pit. I  
mould mound making it 1<sup>1</sup>/<sub>2</sub> ft.  
high, 3<sup>1</sup>/<sub>2</sub> ft. base.

80.21 To cor. to secs. 35<sup>th</sup> and 36, which is  
a mound and pits, with post in  
E. pit.

West on a random line, on S. boundary sec. 35.  
Val. 16° 00' East.

5.77 To Closing Standard Cor. to Sp. 25 N.  
R. 58 W., on W. boundary of  
Nebraska, which is a mound  
and pits, with post in E. pit,  
in good order.

June 15<sup>th</sup> 1881.

7<sup>th</sup> Guide Meridian W. along  
W. boundary T. 25 N., R. 56 W., 6<sup>th</sup> P.M. 8/27

Chains

Retracing

From the Standard cor. to Sp. 25 N.,  
R. 56 W., I run  
North on a random line, bet. secs. 31<sup>st</sup> and 36.  
Val. 15° 45' East.

40.00 To '14 sec. cor., which is a mound  
and pits, with post in W. pit.

80.17 To cor. to secs. 25, 30, 31<sup>st</sup> and 36, which  
is a mound and pits, with post  
in S. E. pit. The marks on  
post being partly effaced, I  
re-mark same.

T. 25 N., S. 30<sup>th</sup> and 41<sup>st</sup> E.,

R. 56 W., S. 31<sup>st</sup> and S. E.,

R. 57 W., S. 36<sup>th</sup> and S. W. 4<sup>th</sup> E.

S. 25<sup>th</sup> and 41<sup>st</sup> W. faces, with 1 note  
and 5<sup>th</sup> notes on 41<sup>st</sup> edges.

North on a random line, bet. secs. 25<sup>th</sup> and 30.  
Val. 15° 35' East

40.02 To a point 3 lks. W. of '14 sec.

9/28 7<sup>th</sup> Guide Meridian W., along  
W. boundary S. 25 N, R. 56 W, 6<sup>th</sup> P.M.

Quarries

Retracing.

which is a mound and pits, with  
post in W. pit

The return course is therefore S. 31 W.

From the 14 sec. cor, I continue N.

40.02 To a point 12 lks. E. of cor. to

secs. 19, 21, 25<sup>th</sup> and 30, which is  
a mound and pits, with post  
in S. E. pit. I mounded mound  
making it 2 ft. high, 4 1/2 ft. base.

The return course is therefore S. 10 E.

North on a random line bet. secs. 19<sup>th</sup> and 21<sup>st</sup>.

Var. 16° 05' East

40.00 To a point 6 lks. W. of 14 sec.

cor, which is a mound and pits,  
but no post. To remark cor, I

set a post 2 ft. long 2 ins.  
square, 12 ins. in the ground, in

W. pit, marked 1/2 D. on W. face.

The return course is therefore S. 5 W.

7<sup>th</sup> Guide Meridian W., along 10  
29  
W. boundary S. 25 N, R. 56 W, 6<sup>th</sup> P.M.

Quarries

Retracing.

From the 14 sec. cor, I continue N.

39.88 To a point 19 lks. E. of cor. to secs.

13, 18, 19<sup>th</sup> and 24, which is a  
limestone set firmly in the

ground, marked with 3 notches  
in W. and N. edges, with pits

in each sec, 5 1/2 ft. dia, which  
I mounded, making them 18 x 18 x 12 ins.

and with a mound of  
earth, which I mounded,

making it 2 ft. high, 4 1/2 ft. base.

The return course is therefore S. 16 E.

North on a random line bet. secs. 18<sup>th</sup> and 19<sup>th</sup>.

Var. 15° 10' East

39.95 To 14 sec. cor, which is a mound  
and pits, with post in W. pit.

From the 14 sec. cor, I continue N.

40.06 To a point 20 lks. E. of cor. to  
secs. 7, 12, 18<sup>th</sup> and 18, which is a

11/30 7<sup>th</sup> Guide Meridian W., along  
W. boundary T. 25 N., R. 56 W., 6<sup>th</sup> P.M.

Chain

Retracing

ground and pits, with post in  
S. E. pit. I marked ground,  
marking it 2 ft. high, 4 1/2 ft. base.  
The return course is therefore S. 17° E.

North on a random line, bet. secs. 7<sup>th</sup> and 12.  
Val. 16° 15' East.

40.04 To '14 sec. cor., which is a mound  
and pits, with post in N. pit.  
From the '14 sec. cor., I continue N.

39.89 To a point 8 1/2 k. W. of cor. to  
secs. 1, 6, 7 and 12, which is a  
limestone, set firmly in the  
ground, with earth mound, which  
I marked, and with pits in  
each sec., 5 1/2 ft. dia.  
The return course is therefore S. 7° W.

North on a random line, bet. secs. 1<sup>st</sup> and 6.  
Val. 16° 30' East.

7<sup>th</sup> Guide Meridian W., along 12  
W. boundary T. 25 N., R. 56 W., 6<sup>th</sup> P.M. 31

Chain

Retracing

40.18 To '14 sec. cor., which is a mound  
and pits, with post in N. pit.  
From the '14 sec. cor., I continue N.  
39.87 To cor. to T. 25<sup>th</sup> and 26<sup>th</sup> N., R.  
56<sup>th</sup> and 57<sup>th</sup> W., which is a  
limestone, with earth mound  
and pits, in good order.

13/32

7<sup>th</sup> Guide Meridian W., along

W. boundary T. 26 N., R. 56 W., 6<sup>th</sup> P.M.

Chain

Retracing

Before proceeding with the Extension 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 at noon verified and corrected same, by observation at the sun. I also further tested instrument by crossing. I took the latitude and found it to be  $42^{\circ}10'N$ .

From the cor. to Sps. 25 and 26 N., R. 56 W. 57 W., I run North on a random line, lat. secs. 31 and 36.  
Val.  $16^{\circ}00'$  East

40.00 To a point 4 lks. W. of 14 sec. cor., which is a mound and pits with post in W. pit.

The return course is therefore S. 3' W.  
From the 14 sec. cor., I continue N.

14

33

7<sup>th</sup> Guide Meridian W., along

W. boundary T. 26 N., R. 56 W., 6<sup>th</sup> P.M.

Chain

Retracing

40.22 To cor. to secs. 25, 30, 31 and 36, where is a mound and pits, with post in S.E. pit. I noted mound, making it 2 ft. high, 4 1/2 ft. base.

North on a random line, lat. secs. 25 and 30.  
Val.  $16^{\circ}45'$  East.

40.26 To a point 11 lks. W. of 14 sec. cor., which is an earth mound and pits, but no trace of post. To mark cor., I set a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, in W. pit, marked 14 S. on W. face.

The return course is therefore S. 9' W.  
From the 14 sec. cor., I continue N.

39.91 To a point 9 lks. E. of cor. to secs. 19, 24, 25 and 30, which is a mound and pits, with post in S.E. pit. The return course is therefore S. 8' E.

15  
34

7<sup>th</sup> Guide Meridian W, along  
W. boundary T. 26 N., R. 56 W., 6<sup>th</sup> P.M.

Locans

Retracing.

Worth on a random line, bet. sec. 19<sup>th</sup> & 24.

Val. 16° 30' East

40.08 To a point 13 lks. W. of '14 sec. cor.,  
which is a mound and pits, with  
post in W. pit.

The return course is therefore S. 11' W.

From the '14 sec. cor., I continue N.

39.88 To cor. to sec. 13, 18, 19<sup>th</sup> & 24, which  
is a mound and pits, but no trace  
of post. No marks cor., I set

a stake, 2 ft. long, 2 ins. square,  
12 ins. in the ground, in S. E.  
pit, unmarked

T. 26 N., S. 18 on N. E.,

R. 56 W., S. 19 on S. E.,

R. 57 W., S. 24 on S. W. face

S. 13 on N. W. face, with 3 notches  
on N. and S. edges.

June 16<sup>th</sup> 1881.

7<sup>th</sup> Guide Meridian W, along

W. boundary T. 26 N., R. 56 W., 6<sup>th</sup> P.M.

16  
35

Locans

Retracing.

Worth on a random line, bet. sec. 13<sup>th</sup> & 18.

Val. 15° 45' East

39.79 To a point 18 lks. W. of '14 sec. cor.,  
which is a mound and pits, with  
stake in W. pit. I rebuilt mound,  
making it 1 1/2 ft. high, 3 1/2 ft. base.

The return course is therefore S. 15' W.

From the '14 sec. cor., I continue N.

40.12 To a point 20 lks. W. of cor. to  
sec. 7, 12, 13<sup>th</sup> & 18, which is a  
mound and pits, with post in  
S. E. pit. I rebuilt mound, making  
it 2 ft. high, 4 1/2 ft. base.

The return course is therefore S. 17' W.

Worth on a random line, bet. sec. 7<sup>th</sup> & 12.

Val. 16° 15' East

40.04 To '14 sec. cor., which is a mound  
& pits, with post in W. pit.

From the '14 sec. cor., I continue N.

17/36

7<sup>th</sup> Guide Meridian W., along

W. boundary T. 26 N., R. 56 W., 6<sup>th</sup> P.M.

Chassis

Retracing

40.14 To a point 13 lks. W. of cor. to sec.  
 1, 6, 7<sup>th</sup> and 12, which is a mound  
 and pits, with post in S.E. pit.  
 The post being in poor order, I  
 destroy it and in its place set  
 a stake 2 ft. long, 2 ins. square  
 12 ins. in the ground, marked  
 T. 26 N. S. 6<sup>th</sup> and 4<sup>th</sup> E.,  
 R. 56 W., S. 7<sup>th</sup> and S. E.,  
 R. 57 W., S. 12<sup>th</sup> and S. W. 4<sup>th</sup>  
 S. 1<sup>st</sup> and 4<sup>th</sup> W. faces, with 1 notch  
 on 4<sup>th</sup> and 5 notches on S. edges.  
 The return course is therefore S. 11' W.

North on a random line, bet. sec. 1<sup>st</sup> and 6.  
 Wa. 16° 30' East.

40.00 To 1/4 sec. cor., which is a mound  
 and pits, with post in 4<sup>th</sup> pit.

80.11 To cor. to T. 26<sup>th</sup> and 27<sup>th</sup> N.,  
 R. 56<sup>th</sup> and 57<sup>th</sup> W., which is a

7<sup>th</sup> Guide Meridian W., along 18/37

W. boundary T. 26 N., R. 56 W., 6<sup>th</sup> P.M.

Chassis

Retracing

mound and pits, with post in  
 S.E. pit. I revised mound  
 making it 2 1/2 ft. high, 5 ft. base.

19/38

7<sup>th</sup> Guide Meridian W., along  
W. boundary T. 27 N., R. 56 W., 6<sup>th</sup> P.M.

Lehans.

Retracing

Before proceeding with the Exterior  
of this Township, I made a change  
of 5 minutes in the latitude  
of my Solar Compass, by adding  
same to the reading previously  
given <sup>and</sup> at noon, verified and  
corrected same, by observation on  
the sun. I also further tested  
instrument by morning I took the  
latitude <sup>and</sup> found it to be  $42^{\circ}15'N$ .  
From the cor. to Tpo. 26<sup>th</sup> and 27<sup>th</sup> N.,  
R. 56<sup>th</sup> and 57<sup>th</sup> W., I run

North on a random line, bet. sec. 31<sup>st</sup> & 36.

Var.  $15^{\circ}30'$  East.

40.00 To a point 9 lks. W. of '14 sec. cor.,  
which is a mound and pits,  
with post in W. pit. I mounded  
ground, making it 1<sup>1/2</sup> ft. high, 3<sup>1/2</sup> ft. base.  
The return course is therefore S. 8' W.  
From the '14 sec. cor., I continue N.

7<sup>th</sup> Guide Meridian W., along 20/39

W. boundary T. 27 N., R. 56 W., 6<sup>th</sup> P.M.

Lehans.

Retracing

40.00 To a point 14 lks. W. of cor. to  
Secs. 25, 30, 31<sup>st</sup> & 36, which is a  
mound <sup>and</sup> pits, with post in  
S.E. pit. I mounded ground,  
making it 2 ft. high, 4<sup>1/2</sup> ft. base.  
The return course is therefore S. 12' W.

North on a random line, bet. sec. 25 & 30.  
Var.  $15^{\circ}30'$  East.

40.00 To a point 35 lks. W. of '14 sec. cor.,  
which is a mound <sup>and</sup> pits, with  
post in W. pit.

The return course is therefore S. 30' W.  
From the '14 sec. cor., I continue N.

40.00 To a point 16 lks. W. of cor. to sec.  
17, 24, 25<sup>th</sup> & 30, which is a mound  
<sup>and</sup> pits, with post in S.E. pit.  
I mounded ground, making it  
2 ft. high, 4<sup>1/2</sup> ft. base.  
The return course is therefore S. 14' W.

21/40

7<sup>th</sup> Guide Meridian W, along  
W. boundary T. 27 N., R. 56 W., 6<sup>th</sup> P.M.

Chains

Retracing

North on a random line, bet. secs. 19<sup>th</sup> & 24.  
Va. 15° 35' East.

H0.02 To a point 26 lks. W. of 14 sec.  
cor, which is a mound <sup>and</sup> pit.  
Finding no trace of post, I set a  
stake, 2 ft. long, 2 ins. square, 12 ins.  
in the ground, in W. pit, marked  
14 S. or W. face.

The return course is therefore S. 22° W.  
From the 14 sec. cor., I continue N.

H0.04 To a point 18 lks. W. of cor. to secs.  
13, 18, 19<sup>th</sup> & 24, which is a mound  
<sup>and</sup> pit, with post in D.E. pit.  
I raised mound, making it  
2 ft. high, 4 1/2 ft. base.

The return course is therefore S. 15° W.

North on a random line, bet. secs. 13<sup>th</sup> & 18.  
Va. 15° 35' East.

H0.00 To a point 10 lks. W. of 14 sec.

7<sup>th</sup> Guide Meridian W, along

W. boundary T. 27 N., R. 56 W., 6<sup>th</sup> P.M.

22/43

41

3

Chains

Retracing

cor, which is a mound <sup>and</sup> pit,  
with stake in W. pit.

The return course is therefore S. 9° W.  
From the 14 sec. cor., I continue N.

H0.04 To a point 22 lks. W. of cor. to  
secs. 7, 12, 13<sup>th</sup> & 18, which is a  
mound <sup>and</sup> pit, with post in  
D.E. pit. The marks on post  
being partly effaced, I marked  
same. T. 27 N. S. 7 or 4 E.,  
R. 56 W, S. 18 or D.E.,  
R. 57 W, S. 13 or D.W.<sup>th</sup>  
S. 12 or 4 W. faces, with 4 notches  
on S. <sup>and</sup> 2 notches on W. edges.

The return course is therefore S. 17° W.

North on a random line, bet. secs. 7<sup>th</sup> & 12.  
Va. 15° 25' East.

H0.05 To a point 5 lks. W. of 14 sec. cor,  
which is a mound <sup>and</sup> pit, with

23  
42

7<sup>th</sup> Guide Meridian W. along

W. boundary T. 27 N., R. 56 W., 6<sup>th</sup> P.M.

Chain

Retracing

post in U. pit. I retraced mound, making it 1<sup>1</sup>/<sub>2</sub> ft. high, 3<sup>1</sup>/<sub>2</sub> ft. base. The return course is therefore S. 3° W.

From the 14 sec. cor., I continue N.

39.79 To a point 9 lks. W. of cor. to sec.

1, 6, 7<sup>th</sup> and 12, which is a mound and pits, with post in S.E. pit.

The marks on post being partly effaced, I remark same,

T. 27 N., S. 6 on U. E,

R. 56 W., S. 7 on S. E,

R. 57 W., S. 12 on S. W. <sup>and</sup>

S. 1 on U. W. face, with 5 notches on S. <sup>and</sup> 1 notch on U. edge.

The return course is therefore S. 3° W.

Worth out a random line, bet. sec 1<sup>st</sup> & 6.

Val. 15° 30' East.

40.08 To a point 9 lks. W. of 14 sec. cor., which is a mound and pits, with

7<sup>th</sup> Guide Meridian W., along

W. boundary T. 27 N., R. 56 W., 6<sup>th</sup> P.M.

24  
43

Chain

Retracing

post in U. pit.

The return course is therefore S. 8° W.

From the 14 sec. cor., I continue N.

39.94 To a point 23 lks. W. of cor. to

Tps. 27<sup>th</sup> and 28 N., R. 56<sup>th</sup> and 57 W.,

which is a mound and pits, but

no trace of post. To remark cor.,

I set a post, 2 ft. long, 2 in. square,

12 in. in the ground, in S.E. pit,

marked T. 28 N., S. 1 on U. E,

R. 56 W., S. 6 on S. E,

T. 27 N., S. 1 on S. W. <sup>and</sup>

R. 57 W., S. 36 on U. W. face, with

6 notches on each edge. I

also retraced mound, making it

2<sup>1</sup>/<sub>2</sub> ft. high, 5 ft. base.

The return course is therefore S. 20° W.

June 17<sup>th</sup> 1881.

25  
44

7<sup>th</sup> Guide Meridian W., along  
W. boundary T. 28 N., R. 56 W., 6<sup>th</sup> P.M.

Chanis

Retracing

Before proceeding with the Exterior  
of this Township, I made a change  
of 5 minutes in the latitude on  
my Solar Compass, by adding  
same to the reading previously  
given at noon, verified and  
corrected same by observation  
on the sun. I also further  
tested instrument by measuring. I  
took the latitude and found  
it to be  $43^{\circ} 20' N.$

From the cor. to Tps. 27<sup>th</sup> and 28<sup>th</sup> N.,  
R. 56<sup>th</sup> and 57<sup>th</sup> W., I run  
North on a random line bet. sec. 31<sup>st</sup> and 36.  
Var.  $16^{\circ} 30'$  East

40.03 To 1/4 sec. cor., which is a mound  
and pits, with post in N. pit.  
I moulded mound, making it  
 $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base.  
The return course is therefore S.

7<sup>th</sup> Guide Meridian W., along

W. boundary T. 28 N., R. 56 W., 6<sup>th</sup> P.M.

26  
45

Chanis

Retracing

From the 1/4 sec. cor., I continue N.  
39.93 To a point 4 lks. W. of cor to sec.  
25, 30, 31<sup>st</sup> and 36, where I find  
a portion of a mound and some  
partly filled up pits. To mark  
cor., I mould mound, making it  
 $2\frac{1}{2}$  ft. high,  $4\frac{1}{2}$  ft. base and  
pits, making them  $18 \times 18 \times 12$  ins.  
in each sec.,  $5\frac{1}{2}$  ft. dist., and  
in S.E. pit, set a stake, 2 ft.  
long, 2 ins. square, 12 ins. in the  
ground, marked  
T. 28 N. S. 30 on N.E.,  
R. 56 W. S. 31 and S.E.,  
R. 57 W. S. 36 and S.W.<sup>th</sup>  
S. 25 on W. W. face, with 1 notch  
on S.<sup>th</sup> and 5 notches on W. edges.  
The return course is therefore S. 3 W.

27  
46 7<sup>th</sup> Guide Mendocino W., along  
W. boundary T. 28 N., R. 56 W., 6<sup>th</sup> P.M.

Chains

Retracing.

Go to a random line, bet. secs. 25<sup>th</sup> & 30.

Val. 15° 35' East.

39.82 To a point 10 lks. W. of '14 sec.  
cor., which is a mound <sup>and</sup> pits,  
with post in U. pit. I marked  
ground, making it 1<sup>1</sup>/<sub>2</sub> ft. high, 3<sup>1</sup>/<sub>2</sub> ft. base.  
The return course is therefore S. 7' W.  
From the '14 sec. cor., I continue N.

39.97 To cor. to secs. 19, 24, 25<sup>th</sup> & 30,  
which is a mound <sup>and</sup> pits,  
with post in D. E. pit. I marked  
ground, making it 2 ft. high, 4<sup>1</sup>/<sub>2</sub> ft.  
base.

Go to a random line, bet. secs. 19<sup>th</sup> & 24.

Val. 15° 40' East.

37.69 To '14 sec. cor., which is a mound  
and pits, with post in U. pit. I  
marked ground, making it 1<sup>1</sup>/<sub>2</sub> ft. high,  
3<sup>1</sup>/<sub>2</sub> ft. base.  
From the '14 sec. cor., I continue N.

7<sup>th</sup> Guide Mendocino W., along  
W. boundary T. 28 N., R. 56 W., 6<sup>th</sup> P.M. 28  
47 6  
u.

Chains

Retracing.

40.15 To a point 8 lks. W. of cor. to secs.  
13, 18, 19<sup>th</sup> & 24, where is a mound  
and pits, with post in D. E. pit.  
The marks on post being partly  
effaced, I mark same  
T. 28 N. D. 18 on U. E.,  
R. 56 W., D. 19 on D. E.,  
R. 57 W., D. 24 on D. W. <sup>and</sup>  
D. 13 on U. W. faces, with 3 notches  
on U. and S. edges.  
The return course is therefore S. 7' W.

Go to a random line, bet. secs. 13<sup>th</sup> & 18.

Val. 15° 40' East.

39.93 To a point 3 lks. W. of '14 sec. cor.,  
which is a mound <sup>and</sup> pits, with  
post in U. pit. I marked ground,  
making it 1<sup>1</sup>/<sub>2</sub> ft. high, 3<sup>1</sup>/<sub>2</sub> ft. base.  
The return course is therefore S. 3' W.  
From the '14 sec. cor., I continue N.

29  
48 7<sup>th</sup> Guide Meridian W., along  
W. boundary T. 28 N., R. 56 W., 6<sup>th</sup> P.M.

Quais Retracing.

40.23 To a point 4 lks. W. of cor. to secs.  
7, 12, 13<sup>and</sup> 18, which is a mound  
and pits, with post in S.E. pit.  
The return course is therefore S. 3° W.

Went on a random line, bet. secs. 7<sup>and</sup> 12,  
Wa. 15° 45' East.

40.07 To 1/4 sec. cor., which is a mound  
and pits, but no trace of post in  
W. pit. I drove a stake, 2 ft. long,  
2 in. square, 12 in. in the ground,  
marked 1/4 S. on W. face.

80.23 To cor. to secs. 1, 6, 7<sup>and</sup> 12, which  
is a mound and pits, with  
post in S.E. pit. I raised  
mound, making it 2 ft. high,  
4 1/2 ft. base.

7<sup>th</sup> Guide Meridian W., along 30  
49  
W. boundary T. 28 N., R. 56 W., 6<sup>th</sup> P.M.

Quais Retracing.

Went on a random line, bet. secs. 1<sup>and</sup> 6.  
Wa. 15° 40' East.

40.00 To 1/4 sec. cor., which is a mound  
and pits, with post in W. pit.

80.11 To bearing cor. to T. 28 N.,  
R. 56<sup>and</sup> 57 W., which is a  
mound and pit, with post in  
E. pit. I raised mound,  
making it 2 1/2 ft. high, 5 ft. base.  
June 18<sup>th</sup> 1881.

50  
31

6<sup>th</sup> Standard Parallel N, along  
S. boundary V. 25 N, R. 56 W, 6<sup>th</sup> P.M.

Claims

Retracing

Before proceeding with the Extension  
of this Township, I made a change  
of 16 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 ranging.

From the Standard Cor. to Sps. 25 N,  
R. 56 W, I run  
East on a random line, on S. boundary, sec. 31.

Val. 15° 45' East.

No. 10 To a point 14 lks. N. of 1/4 sec. cor,  
which finding in proper order, I  
destroyed and to remark same,  
depaint a charred stake 12 ins. in  
the ground and raised an earth  
mound, 1 1/2 ft. high, 3 1/2 ft. base,

6<sup>th</sup>

Standard Parallel N, along 51 3/2 56  
S. boundary V. 25 N, R. 56 W, 6<sup>th</sup> P.M.

Claims

Retracing

over it. Dug pits, 18 x 18 x 12 ins.,  
E. and W. of mound, 5 1/2 ft. dist,  
and in E. pit, drove a stake, 2 ft  
long, 2 ins. square, 12 ins. in the  
ground, marked S. to. 1/4 S. on N. face.  
The return course is therefore N. 79° 48' W.  
From the 1/4 sec. cor, I continue E.  
To cor. to secs. 31 and 32, which is a  
mound and pits, with post in E. pit.  
I rebuild mound, making it 2 ft.  
high, 4 1/2 ft. base.

East on a random line, on S. boundary, sec. 32.

Val. 16° 00' East.

39.72 To 1/4 sec. cor, which is a mound  
and pits, with post in E. pit. I  
rebuild mound, making it 1 1/2 ft.  
high, 3 1/2 ft. base.

From the 1/4 sec. cor, I continue E.

39.92 To a point 6 lks. N. of cor. to secs.

52  
33

6<sup>th</sup> Standard Parallel N, along

S. boundary T. 25 N, R. 56 W, 6<sup>th</sup> P.M.

Almanis

Retracing

32<sup>nd</sup> & 33, which I find in poor condition. I destroy old cor, and to notice same, deposited a charred stake, 12 ins. in the ground and raised a mound of earth, 2 ft. high, 4 1/2 ft. base, over it. Dug pits 18 x 18 x 12 ins, N, E and W. of mound, 5 1/2 ft. dist, and in E. pit, drove a stake 2 ft. long, 2 ins square, 12 ins. in the ground, marked S. 6. T. 25 N, R. 56 W. on N, S. 33 on E.

S. 32 on W. faces, with 4 notches on E. and 2 notches on W. faces. The return course is therefore N 89° 50' W.

East on a random line, on S. boundary see 33  
Wd. 15° 45' East.

H. 0.40 To '14 sec. cor., which is a mound and pits, with post in E. pit.

6<sup>th</sup> Standard Parallel, along 53  
34

S. boundary T. 25 N, R. 56 W, 6<sup>th</sup> P.M.

Almanis

Retracing

From the '14 sec. cor, I continue E.

H. 0.21 To a point 8 lks. N. of cor. to sec. 33 and 34, which is a mound and pits, with post in E. pit. The return course is therefore N 89° 50' W.

East on a random line, on S. boundary see 34.  
Wd. 15° 45' East.

H. 0.30 To '14 sec. cor., which is a mound and pits, with post in E. pit, I noticed mound, making it 1 1/2 ft. high, 3 1/2 ft. base.

From the '14 sec. cor, I continue E.

H. 0.09 To a point 12 lks. N. of cor. to sec. 34 and 35, which is a mound and pits, with post in E. pit I noticed mound, making it 2 ft. high, 4 1/2 ft. base.

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

54  
35

6<sup>th</sup> Standard Parallel, along  
S. boundary T. 25 N., R. 56 W., 6<sup>th</sup> P.M.

Claims

Retracing.

East on a random line, on S. boundary sec. 35.

Wa. 15° 45' East.

H.O. 56 To 1/4 sec. cor., which is a mound  
and pits, but no trace of post. I  
set a post 2 ft. long, 2 ins. square,  
12 ins. in the ground, in E. pit,  
marked D.C. 1/4 S. on W. face.

P.O. 20 To cor. to secs. 35 and 36, which  
is a mound and pits, with post  
in E. pit. I mounded mound,  
making it 2 ft. high, 2 1/2 ft. base.

East on a random line, on S. boundary sec. 36.

Wa. 15° 45' East.

H.O. 28 To 1/4 sec. cor., which is a sandstone,  
with earth mound and pits. I  
mounded mound, making it 1 1/2 ft.  
high, 3 1/2 ft. base, and I  
also mounded pits, making them  
18 x 18 x 12 ins., E. and W. of stone, 5 ft. dist.

55  
36

6<sup>th</sup> Standard Parallel, along  
S. boundary T. 25 N., R. 56 W., 6<sup>th</sup> P.M.

Claims

Retracing.

39.92 To Standard Cor. to T. 25 N.,  
R. 55 and 56 W., which is a  
sandstone set firmly in the  
ground, with an earth mound  
which I mounded and with  
pits in each sec., 5 1/2 ft. dist.,  
which I mounded, making them  
18 x 18 x 12 ins.

$\frac{56}{37}$  6<sup>th</sup> Standard Parallel U, along  
S. boundary T. 25 N., R. 55 W., 6<sup>th</sup> P.M.

Chains

Retracing.

East on a random line, on S. boundary sec. 31.  
Wa. 15° 45' East.

40.75 To 1/4 sec. cor., which is an  
earth mound and pits, with post  
in E. pit. I mounded mound, making  
it 1 1/2 ft. high, 3 1/2 ft. base.

From the 1/4 sec. cor., I continue E.  
39.75 To a point 12 lks. N. of cor. to  
secs. 31 and 32, which is a mound  
and pits, with post in E. pit.  
I mounded mound, making it  
2 ft. high, 4 1/2 ft. base.  
The return course is therefore N. 89° 50' W.

East on a random line, on S. boundary sec. 32.  
Wa. 15° 50' East.

40.30 To a point 4 lks. S. of 1/4 sec. cor.,  
which is a mound and pits, with  
post in E. pit.  
The return course is therefore S. 89° 57' W.

6<sup>th</sup> Standard Parallel U, along  $\frac{57}{38}$  56  
S. boundary T. 25 N., R. 55 W., 6<sup>th</sup> P.M. M.

Chains

Retracing.

From the 1/4 sec. cor., I continue E.  
40.24 To a point 36 lks. S. of cor. to  
secs. 32 and 33, which is a  
sandstone and earth mound, with  
pits. I mounded pits, making  
them 18 x 18 x 12 ins. U, E. and W. of  
stone, 5 1/2 ft. dist., and mounded  
mound, making it 2 ft. high,  
4 1/2 ft. base.

The return course is therefore S. 89° 29' W.

East on a random line, on S. boundary sec. 33.  
Wa. 15° 50' East.

40.15 To a point 20 lks. S. of 1/4 sec. cor.,  
which is a mound and pits, with  
post in E. pit.  
The return course is therefore S. 89° 43' W.  
From the 1/4 sec. cor., I continue E.  
39.65 To a point 8 lks. S. of cor. to secs.  
33 and 34, which is a sandstone

58  
39

6<sup>th</sup> Standard Parallel 41, along  
S. boundary T. 25 N., R. 55 W., 6<sup>th</sup> P.M.

Chains

Retracing

with earth mound and pits. I  
dug pits, making them 18x18x12 ins.  
N. E. & W. of Stone, 5 1/2 ft. dist, and  
mound mound, making it 2 ft.  
high, 4 1/2 ft. base.

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

June 20<sup>th</sup> 1881.

East on a random line, on S. boundary sec 34,  
Var. 16° 00' East.

39.80 To a point 20 lks. S. of 1/4 sec. cor,  
which is a mound and pits, with  
post in E. pit. I mounded mound  
making it 1 1/2 ft. high, 3 1/2 ft. base.  
The return course is therefore S. 89° 43' W.

From the 1/4 sec. cor, I continue E.

40.07 To a point 6 lks. S. of cor. to secs  
34 & 35, which is a mound and  
pits, with post in E. pit.  
The return course is therefore S. 89° 55' W.

59  
40

6<sup>th</sup> Standard Parallel 41, along  
S. boundary T. 25 N., R. 55 W., 6<sup>th</sup> P.M.

Chains

Retracing

East on a random line, on S. boundary sec 35,  
Var. 16° 00' East.

40.32 To a point 14 lks. S. of 1/4 sec.  
cor, which is a mound and pits,  
with post in E. pit. I mounded  
mound, making it 1 1/2 ft. high, 3 1/2 ft. base.  
The return course is therefore S. 89° 48' W.  
From the 1/4 sec. cor, I continue E.

40.27 To a point 21 lks. S. of cor. to secs  
35 & 36, which is a sandstone  
earth mound, with pits. I mounded  
mound, making it 2 ft. high,  
4 1/2 ft. base, and I  
also dug pits, making  
them 18x18x12 ins, 5 1/2 ft. dist.  
The return course is therefore S. 89° 42' W.

East on a random line, on S. boundary sec 36,  
Var. 16° 00' East.

40.24 To a point 19 lks. S. of 1/4 sec. cor,

60  
H1

6<sup>th</sup> Standard Parallel, along

S. boundary T. 25 N., R. 55 W., 6<sup>th</sup> P.M. E. boundary T. 25 N., R. 55 W., 6<sup>th</sup> P.M. W.

Chains

Retracing

Which is a sandstone set firmly  
in the ground, with earth mound  
and pits. I mounded around,  
making it 1<sup>1</sup>/<sub>2</sub> ft. high, 3<sup>1</sup>/<sub>2</sub> ft. base.  
The return course is therefore S. 59° 44' W.  
From the 14 sec. cor., I continue East.

H0.54 To a point 40 lks. S. of Standard  
Cor. to Tps. 25 N., R. 54<sup>th</sup> 55 W.,  
Which is a mound and pits,  
with post in E. pit. I mounded  
around, making it 2<sup>1</sup>/<sub>2</sub> ft. high,  
5 ft. base.  
The return course is therefore S. 89° 26' W.

61  
H2

Chains

Retracing

From the Standard Cor. to Tps.  
25 N., R. 54<sup>th</sup> 55 W., I run  
North on a random line, bet. sec. 31<sup>st</sup> & 36<sup>th</sup>.  
Val. 16° 00' East.

H0.00 To a point 26 lks. E. of 14 sec.  
cor., which is a mound and pits,  
with post in W. pit. I mounded  
around, making it 1<sup>1</sup>/<sub>2</sub> ft. high,  
3<sup>1</sup>/<sub>2</sub> ft. base.

The return course is therefore S. 22° E.  
From the 14 sec. cor., I continue N.

H0.04 To a point 28 lks. E. of cor. to  
secs. 25, 30, 31<sup>st</sup> & 36, which I find  
nearly destroyed. To re-establish same,  
I deposited a chain stake, 12 ins. in  
the ground and raised an earth  
mound, 2 ft. high, 4<sup>1</sup>/<sub>2</sub> ft. base,  
over it; dug pits, 15 x 18 x 12 ins. in  
each sec., 5<sup>1</sup>/<sub>2</sub> ft. dia., and in  
S. E. pit, drove a stake, 2 ft.

62  
43

E. boundary V. 25 N., R. 55 W., 6<sup>th</sup> P.M.

Chains

Retracing

long, 2 ins. square, 12 ins. in the ground, marked

V. 25 N. S. 30 or 4 E,

R. 57 W., S. 31 or S. E,

R. 55 W., S. 36 or S. W. 4<sup>th</sup>

S. 25 or 4 W. faces, with 1 notch on S. and 5 notches on W. edges.

The return course is therefore S. 24 E,

North on a random line, bet. secs 25<sup>th</sup> & 30.

Val. 16° 00' East.

40.38 To a point 6 lks. E. of 14 sec. cor, which is a mound and pits, with post in W. pit.

The return course is therefore S. 5 E.

From the 14 sec. cor, I continue N.

39.58 To a point 20 lks. E. of cor. to secs. 19, 24, 25<sup>th</sup> & 30, which is a mound and pits, with post in S. E. pit. I mounded mound,

63  
44 46

E. boundary V. 25 N., R. 55 W., 6<sup>th</sup> P.M.

Chains

Retracing

making it 2 ft. high, 4 1/2 ft. base.

The return course is therefore S. 17 E.

North on a random line, bet. secs 19<sup>th</sup>, 24.

Val. 16° 00' East.

40.50 To a point 10 lks. E. of 14 sec. cor, which is a mound and pits, with post in W. pit. I mounded mound, making it 1 1/2 ft. high, 3 1/2 ft. base.

The return course is therefore S. 7 E.

From the 14 sec. cor, I continue N.

39.83 To cor. to secs. 13, 18, 19<sup>th</sup>, 24, which is a mound and pits, with post in S. E. pit. I mounded mound, making it 2 ft. high, 4 1/2 ft. base.

I carefully examined the adjustments of my Solar Compass today, particularly the latitude and running apparatus and found them correct.

June 21<sup>st</sup> 1881.

64  
45

E. boundary V. 25 N., R. 55 W., 6<sup>th</sup> P.M.

Chains

Retracing

North on a random line, bet. sec. 13<sup>rd</sup> and 18<sup>th</sup>.  
Wa. 15° 50' East.

Ho. 100 To 14 sec. cor, which is a mound  
and pits, with post in W. pit.

From the 14 sec. cor, I continue N.

39.90 To a point 16 lks. E. of cor. to sec.  
7, 12, 13<sup>rd</sup> and 18<sup>th</sup> which is a mound  
and pits, with post in S.E. pit.  
I rebuld mound, making it  
2 ft. high, 4 1/2 ft. base.

The return course is therefore S. 14° E.

North on a random line, bet. sec. 7<sup>th</sup> and 12<sup>th</sup>  
Wa. 15° 55' East.

Ho. 43 To 14 sec. cor, which is a mound  
and pits. Finding no trace of post,  
I set a stake, 2 ft. long, 2 ins.  
square, 12 ins. in the ground, in  
W. pit, marked 140. on W. face.

From the 14 sec. cor, I continue N.

65  
46

E. boundary V. 25 N., R. 55 W., 6<sup>th</sup> P.M.

Chains

Retracing

39.70 To a point 16 lks. E. of cor. to  
sec. 1, 6, 7<sup>th</sup> and 12, which is a  
mound and pits, with post in  
S.E. pit. I rebuld mound,  
making it 2 ft. high, 4 1/2 ft. base.  
The return course is therefore S. 14° E.

North on a random line, bet. sec. 1<sup>st</sup> and 6<sup>th</sup>.  
Wa. 15° 50' East.

Ho. 06 To a point 20 lks. E. of 14 sec. cor,  
which is a mound and pits, with  
post in W. pit. I rebuld mound,  
making it 1 1/2 ft. high, 3 1/2 ft. base.

The return course is therefore S. 17° E.

From the 14 sec. cor, I continue N.

Ho. 24 To a point 30 lks. E. of cor. to  
Tpo 25<sup>th</sup> and 26 N., R. 57<sup>th</sup> and 58 W.,  
which is a mound and pits,  
with post in S.E. pit.

The return course is therefore S. 26° E.

64  
45

66  
47

E. boundary T. 26 N., R. 55 W., 6<sup>th</sup> P.M.

Chain

Retracing

Ho. 0

Before proceeding with the Extension 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

39.5

From the cor. to Tps. 25<sup>th</sup> and 26<sup>th</sup> N., R. 54<sup>th</sup> and 55<sup>th</sup> W., I run North on a random line bet. secs. 31<sup>st</sup> and 36. Wa. 15° 15' East.

Ho. 1

39.71 To 1/4 sec. cor, which is a mound and pits, with post in W. pit. I rebuilt mound, making it 1<sup>1/2</sup> ft. high, 3<sup>1/2</sup> ft. base.

79.88 To cor. to secs. 25, 30, 31<sup>st</sup> and 36, which is a mound and pits, with post in

67

E. boundary T. 26 N., R. 55 W., 6<sup>th</sup> P.M.

Chain

Retracing

S.E. pit. I rebuilt mound, making it 1<sup>1/2</sup> ft. high, 3<sup>1/2</sup> ft. base.

North on a random line, bet. secs. 25<sup>th</sup> and 30. Wa. 15° 10' East.

Ho. 00

To 1/4 sec. cor, where I find a mound and pits, but no post. I set a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, in W. pit, marked "1/4 D. and W. face."

79.80

The cor. to secs. 19, 24, 25<sup>th</sup> and 30, which is a mound and pits, with post in N.E. pit. I rebuilt mound, making it 2 ft. high, 4<sup>1/2</sup> ft. base.

North on a random line, bet. secs. 19<sup>th</sup> and 24. Wa. 15° 30' East.

39.58

To 1/4 sec. cor, which is a mound and pits, with post in W. pit.

64  
45

68  
49

E. boundary V. 26 N, R. 55 W, 6<sup>th</sup> P.M.

Chains

Chains

Retracing

From the '4 sec. cor, I continue N.

40.18 To a point 10 lks. W. of cor. to

40.18 To a point 10 lks. W. of cor. to  
seco. 13, 18, 19<sup>th</sup> and 24, which, finding  
in poor condition, I destroy <sup>due to</sup>  
in poor condition, I destroy <sup>due to</sup>  
to mark cor, delimited a chain

39. stake, 12 ins. in the ground <sup>was</sup>  
raised an earth mound, 2ft.

high, 4<sup>1</sup>/<sub>2</sub> ft. base, over it, dug  
pits, 18 x 18 x 12 ins. in each sec,

5<sup>1</sup>/<sub>2</sub> ft. dist, <sup>was</sup> in S.E. pit,  
down a stake, 2ft. long, 2 ins.

square, 12 ins. in the ground, marked  
V. 26 N, S. 18 and N.E.,

R. 57 W, S. 19 and S.E.,  
R. 55 W, S. 24 and S.W. <sup>was</sup>

40. S. 18 and N.W. faces, with 3 notches  
on N<sup>th</sup> and S. edges.

The return course is therefore S. 7<sup>th</sup> W.

69  
50

E. boundary V. 26 N, R. 55 W, 6<sup>th</sup> P.M.

Chains

Retracing

Went on a random line, bet. seco. 18<sup>th</sup> and 15.  
W. 15° 25' East.

40.20 To a point 4 lks. W. of '4 sec. cor,  
which is a mound <sup>and</sup> pits, with  
post in N. pit.

The return course is therefore S. 8<sup>th</sup> W.

From the '4 sec. cor, I continue N.

39.94 To cor. to seco. 7, 12, 13<sup>th</sup> and 18, which  
is a mound <sup>and</sup> pits, with post  
in S.E. pit. I build mound,  
making it 2ft. high, 4<sup>1</sup>/<sub>2</sub> ft. base.

Went on a random line, bet. seco. 7<sup>th</sup> and 12.  
W. 15° 25' East

40.11 To a point 9 lks. E. of '4 sec. cor,  
which is a mound <sup>and</sup> pits, with  
post in N. pit. I build mound,  
making it 1<sup>1</sup>/<sub>2</sub> ft. high, 3<sup>1</sup>/<sub>2</sub> ft. base.

The return course is therefore S. 8<sup>th</sup> E.

From the '4 sec. cor, I continue N.

64  
45

70  
51

E. boundary V. 26 N., R. 55 W., 6<sup>th</sup> P.M.

Chains Retracing.

40.15 To a point 12 lks E. of cor. to sec.  
1, 6, 7<sup>th</sup> and 12, which is a mound  
and pits, with post in S.E. pit.  
The return course is therefore S. 10° E.

39. North on a random line bet. sec. 1<sup>st</sup> & 6.  
Val. 15° 15' East.

40.00 To 14 sec. cor., which is a mound  
and pits, with post in W. pit.  
I raised mound, making it  
1 1/2 ft. high, 3 1/2 ft. base.

80.09 To cor. to Tps. 26<sup>th</sup> & 27<sup>th</sup> N., R.  
54<sup>th</sup> & 55<sup>th</sup> W., which is a mound  
and pits, with post in S.E. pit.  
I raised mound, making it  
2 1/2 ft. high, 5 ft. base.

June 22<sup>nd</sup> 1881.

71  
52

E. boundary V. 27 N., R. 55 W., 6<sup>th</sup> 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  
adding same, to the reading  
previously given<sup>and</sup> at noon,  
verified<sup>and</sup> corrected same, by  
observation of the sun. I also  
further tested instrument  
by ranging.

From the cor. to Tps. 26<sup>th</sup> & 27<sup>th</sup> N.,  
R. 54<sup>th</sup> & 55<sup>th</sup> W., I run  
North on a random line, bet. sec. 31<sup>st</sup> & 36.  
Val. 15° 45' East.

40.12 To a point 8 lks E. of 14 sec. cor.,  
which is a mound<sup>and</sup> pits,  
with post in W. pit. I raised  
mound, making it 1 1/2 ft. high, 3 1/2 ft. base.  
The return course is therefore S. 7° E.  
From the 14 sec. cor., I continue N.

E. boundary V. 27 N, R. 55 W, 6<sup>th</sup> P.M.

Chains Retracing

40.01 To cor. to secs. 25, 30, 31<sup>st</sup> & 36,  
which is a mound <sup>4</sup>/<sub>16</sub> pits,  
with post in S.E. pit. I  
mounded mound, making it  
2 ft. high, 4<sup>1</sup>/<sub>2</sub> ft. base.

North on a random line, bet. secs. 25<sup>th</sup> & 30,  
W. 15° 20' East.

40.00 To a point 20 lks. E. of '14 sec. cor.,  
which is a mound <sup>4</sup>/<sub>16</sub> pits, with  
post in D.E. pit.

The return course is therefore S. 17° E.  
From the '14 sec. cor., I continue N.

39.92 To a point 4 lks. E. of cor. to secs.  
19, 24, 25<sup>th</sup> & 30, which is a mound  
<sup>4</sup>/<sub>16</sub> pits, with post in D.E. pit. I  
mounded mound, making it  
2 ft. high, 4<sup>1</sup>/<sub>2</sub> ft. base.

The return course is therefore S. 3° E.

E. boundary V. 27 N, R. 55 W, 6<sup>th</sup> P.M.

Chains Retracing

North on a random line, bet. secs. 19<sup>th</sup> & 24,  
W. 15° 30' East.

39.90 To '14 sec. cor., which is a mound  
<sup>4</sup>/<sub>16</sub> pits, with post in W. pit.

79.76 To cor. to secs. 13, 18, 19<sup>th</sup> & 24, which  
is a mound <sup>4</sup>/<sub>16</sub> pits, but no post.  
To mark cor., I set a stake,  
2 ft. long, 2 in. square, 12 in. in  
the ground, in D.E. pit, marked  
V. 27 N, S. 18 on W.E.,  
R. 54 W, S. 19 on D.E.  
R. 55 W, S. 24 on D.W.<sup>th</sup>  
S. 13 on W.W. faces, with 3 notches  
on W<sup>th</sup> & D. edges.

North on a random line, bet. secs. 13<sup>th</sup> & 18,  
W. 15° 25' East.

39.81 To a point 3 lks. E. of '14 sec. cor.,  
which is a mound <sup>4</sup>/<sub>16</sub> pits, with  
post in W. pit.

64  
H5  
74  
55

E. boundary V. 27 N., R. 55 W., 6<sup>th</sup> P.M.

Lewis

Retracing

The return course is therefore S. 3° E.  
From the 14 sec. cor., I continue N.

Ho. 04 To a point 17 lks. E. of cor. to secs.  
7, 12, 18<sup>th</sup> and 18, which is a mound  
and pits, with post in S. E. pit.  
I rebuild mound, making it 2 ft.  
high, 4 1/2 ft. base.

The return course is therefore S. 15° E.

Worth on a random line, bet. secs. 7<sup>th</sup> and 12.  
Val. 15° 15' East.

Ho. 10 To 14 sec. cor., which is a mound  
and pits, with post in W. pit.

Ho. 80.00 To cor. to secs. 1, 6, 7<sup>th</sup> and 12, which  
is a mound and pits, with post  
in S. E. pit. I rebuild mound,  
making it 2 ft. high, 4 1/2 ft. base.

75/56

E. boundary V. 27 N., R. 55 W., 6<sup>th</sup> P.M.

Lewis

Retracing

Worth on a random line, bet. secs. 7<sup>th</sup> and 12.  
Val. 15° 15' East.

Ho. 00 To a point 9 lks. E. of 14 sec. cor.,  
which is a mound and pits, with  
post in W. pit. I rebuild mound,  
making it 1 1/2 ft. high, 3 1/2 ft. base.

The return course is therefore S. 8° E.  
From the 14 sec. cor., I continue N.

Ho. 39.74 The cor. to Tpo. 27<sup>th</sup> and 28 N., R.  
54<sup>th</sup> and 55 W., which is a mound  
and pits, with post in S. E.  
pit. I rebuild mound, making  
it 2 1/2 ft. high, 5 ft. base.

E. bo

E. boundary T. 28 N, R. 55 W, 6<sup>th</sup> P.M.

Chassis Retracing

Chassis

H. 0.1

Before proceeding with the Extension 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 at noon, verified and corrected same, by observation of the sun. I also further tested instrument by running.

From the Cor. to T. 27<sup>th</sup> 28<sup>th</sup> N, R. 54<sup>th</sup> 55<sup>th</sup> W, I run North on a random line, bet. secs 31<sup>st</sup> & 36.  
Val. 15° 19' East

H. 0.03 To a point 6 lks. W. of 14 sec. cor, which is a mound and pits, with post in W. pit. I rebuild mound, making it 1<sup>1/2</sup> ft. high, 3<sup>1/2</sup> ft. base. The return course is therefore S. 5<sup>th</sup> W.

E. boundary T. 28 N, R. 55 W, 6<sup>th</sup> P.M.

Chassis Retracing

Chassis

From the 14 sec. cor, I continue S. 39.87 To a point 10 lks. W. of cor. to secs. 25, 30, 31<sup>st</sup> & 36, which is a mound and pits, with post in S.E. pit. I rebuild mound, making it 2 ft. high, 4<sup>1/2</sup> ft. base. The return course is therefore S. 7<sup>th</sup> W.

North on a random line, bet. secs. 25<sup>th</sup> & 30  
Val. 15° 15' East.

H. 0.20 To 14 sec. cor, which is a mound and pits, but no post. To mark cor, I set a post, 2 ft. long, 2 in. square, 12 in. in the ground, in W. pit, marked 14 S. on W. face.

From the 14 sec. cor, I continue N. 39.61 To a point 12 lks. E. of cor. to secs. 19, 24, 25<sup>th</sup> & 30, which is a mound and pits, with post in S.E. pit. The return course is therefore S. 10<sup>th</sup> E.

E. boundary T. 28 N., R. 55 W., 6<sup>th</sup> P.M.

Chanis

Retracing

Chanis

North on a random line, bet. secs. 19<sup>th</sup> & 24.  
Val. 15° 15' East.

39.99 To a point 21 lks. E. of 1/4 sec. cor., which is a mound and pits, write post in W. pit. I mounded mound, making it 1 1/2 ft. high, 3 1/2 ft. base.

The return course is therefore S. 18° E.  
From the 1/4 sec. cor., I continue N.

40.41 To a point 4 lks. E. of cor. to Secs. 13, 18, 19<sup>th</sup> & 24, which is a mound and pits, write post in S.E. pit. I mounded mound, making it 2 ft. high, 4 1/2 ft. base. The return course is therefore S. 3° E.

North on a random line, bet. secs. 13<sup>th</sup> & 18.  
Val. 15° 10' East.

40.08 To 1/4 sec. cor., which I found in bad condition. I destroy same

E. boundary T. 28 N., R. 55 W., 6<sup>th</sup> P.M.

Chanis

Retracing

to remark cor., deposited a charred stake 12 ins. in the ground and raised an earth mound, 1 1/2 ft. high, 3 1/2 ft. base and it; dug pits, 18 x 18 x 12 ins., 4<sup>th</sup> & S. of mound, 5 1/2 ft. dist, and in W. pit, drove a stake, 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S. on W. face.

80.11 To cor. to secs. 7, 12, 13<sup>th</sup> & 18, which is a mound and pits, write post in S.E. pit. I mounded mound, making it 2 ft. high, 4 1/2 ft. base.

North on a random line, bet. secs. 7<sup>th</sup> & 12.  
Val. 15° 25' East.

40.00 To a point 22 lks. E. of 1/4 sec. cor., which is a mound and pits, write post in W. pit.

64  
45

80  
61

E. boundary T. 28 N, R. 55 W, 6<sup>th</sup> P.M.

Chains Retracing

Chains

Ho.

The return course is therefore S. 19° E.  
From the 14 sec. cor, I continue N.  
140.09 To a point 3 lks. E. of cor. to  
Secs. 1, 6, 7 and 12, which is a  
mound and pits, with stake  
in S.E. pit. I raised mound,  
making it 2 ft. high, 4 1/2 ft. base.  
The return course is therefore S. 3° E.

Went on a random line bet. sec. 1 and 6.  
Wa. 15° 20' East.

Ho. 00 To 14 sec. cor, which is a mound  
and pits, with post in W. pit.  
I raised mound, making it  
1 1/2 ft. high, 3 1/2 ft. base.

77.50 To Closing Cor. to Tpo. 28 N, R.  
54<sup>th</sup> W 55 W, which is a mound  
and pits, with post in E. pit.

June 23<sup>rd</sup> 1881.

7<sup>th</sup> Standard Parallel, along 8 1/2

S. boundary T. 29 N, R. 54 W, 6<sup>th</sup> P.M.

Chains Retracing

Chains

Before proceeding with the Extension  
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. I took the latitude  
and found it to be 42° 25' N.

From the Closing Cor. to Tpo. 28 N,  
R. 54<sup>th</sup> W 55 W, I run  
West on a random line, on S. boundary sec. 32.  
Wa. 15° 20' East.

28.75 To a point 10 lks. N. of 14 sec cor,  
which is a mound and pits, with  
post in E. pit. I raised mound,  
making it 1 1/2 ft. high, 3 1/2 ft. base.  
The return course is therefore 41.79° 48' E.

64  
Ho

63  
82 7<sup>th</sup> Standard Parallel 41, along

E. boundary S. 29 N., R. 54 W., 6<sup>th</sup> P.M.

64  
Ho

Drawings Retracing

From the 14 sec. cor, I continue W.  
Ho. 16 To cor. to secs. 31<sup>st</sup> & 32, which is  
a mound and pits, with post in  
E. pit. The marks on post being  
partly effaced, I remark same,  
S. 67. 29 N., R. 54 W. on 41,  
S. 32 and E. 2<sup>nd</sup>  
S. 31 on W. face, with 5 notches  
on E. 2<sup>nd</sup> 1 notch on W. face.

West on a random line, on S. boundary sec. 31.  
Wa. 15° 30' East.

Ho. 00 To a point 4 lks. N. of 14 sec. cor,  
which is a mound and pits, with  
post in E. pit.

The return course is therefore N. 89° 57' E.

From the 14 sec. cor, I continue W.

Ho. 15 The Standard Cor to Tpo. 29 N.,  
R. 54<sup>th</sup> & 55 W., which is a  
limestone, with earth mound and pits.

64  
83 4<sup>th</sup> Standard Parallel 41, along

S. boundary S. 29 N., R. 55 W., 6<sup>th</sup> P.M.

64  
Ho

Drawings Retracing

West on a random line, on S. boundary, sec. 36  
Wa. 15° 30' East.  
39.92 To a point 6 lks. S. of 14 sec. cor,  
which is a limestone, with earth  
mound and pits. I mould mound,  
making it 1<sup>1</sup>/<sub>2</sub> ft. high,  
3<sup>1</sup>/<sub>2</sub> ft. base and ndig  
pits, 18 x 18 x 12 ins, E. and W. of  
stone, 5<sup>1</sup>/<sub>2</sub> ft. dist.

The return course is therefore S. 89° 30' E.

From the 14 sec. cor, I continue W.

Ho. 11 To a point 13 lks. S. of cor. to secs.  
35<sup>th</sup> & 36, which is a limestone,  
with earth mound and pits,  
I mould mound, making it  
2 ft. high, 4<sup>1</sup>/<sub>2</sub> ft. base and ndig  
pits, 18 x 18 x 12 ins, N., E. and W.  
of stone, 5<sup>1</sup>/<sub>2</sub> ft. dist.

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

64 65/84 7<sup>th</sup> Standard Parallel 4<sup>th</sup>, along  
H.C. S. boundary T. 29 N., R. 55 W., 6<sup>th</sup> P.M.

Colo. Claims

Retracing

West on a random line on S. boundary sec. 35,  
W. 15° 50' East.

40.06 To 1/4 sec. cor, which is a lime-  
stone, with sand mound <sup>and</sup> pits.

80.09 To cor. to secs. 34<sup>th</sup> and 35, which  
is a limestone, with sand  
mound <sup>and</sup> pits. I mounded mound,  
making it 2 ft. high, 4 1/2 ft. base,  
and I also mading  
pits, 18 x 18 x 12 in., 4<sup>th</sup>, E. <sup>and</sup> W. of  
stone, 5 1/2 ft. dist.

West on a random line on S. boundary, sec. 34,  
W. 15° 50' East.

40.30 To a point 14 lks. 4<sup>th</sup> of 1/4 sec. cor,  
which is a mound <sup>and</sup> pits, with  
post in E. pit.

The return course is therefore 4.89° 48' E.  
From the 1/4 sec. cor, I continue W.

39.90 To a point 20 lks. N of cor. to secs.

7<sup>th</sup> Standard Parallel 4<sup>th</sup>, along 66  
85  
S. boundary T. 29 N., R. 55 W., 6<sup>th</sup> P.M.

Claims

Retracing

33<sup>rd</sup> and 34, which is a mound and  
pits, with post in E. pit. I  
mounded mound, making it 2 ft.  
high, 4 1/2 ft. base.

The return course is therefore 4.89° 48' E.

West on a random line on S. boundary, sec. 33  
W. 16° 30' East.

40.00 To a point 3 lks. N of 1/4 sec. cor,  
which is a mound <sup>and</sup> pits, with  
post in E. pit. I mounded mound,  
making it 1 1/2 ft. high, 3 1/2 ft. base.

The return course is therefore N. 89° 57' E.

From the 1/4 sec. cor, I continue W.

39.91 To cor. to secs. 32<sup>nd</sup> and 33, which is  
a mound <sup>and</sup> pits, with post in  
E. pit. I mounded mound, making  
it 2 ft. high, 4 1/2 ft. base.

64  
H  
E  
67/86 7<sup>th</sup> Standard Parallel N., along  
S. boundary T. 29 N., R. 55 W., 6<sup>th</sup> P.M.

Chanis Retracing

West on a random line, on S. boundary sec. 32,  
Var.  $16^{\circ} 20'$  East.

H  
39.91 To a point 8 lks. N. of "4 sec. cor.,  
which is a mound and pits, with  
post in E. pit. I build mound,  
making it  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base.  
The return course is therefore  $41^{\circ} 59' 53''$  E.  
From the "4 sec. cor., I continue W.

40.32 To a point 16 lks. N. of cor. to sec.  
31<sup>st</sup> and 32, which finding in poor  
condition, I destroy. To remark cor.,  
I deposited a channel stake 12 ins.  
in the ground and raised an earth  
mound, 2 ft. high,  $4\frac{1}{2}$  ft. base, over it;  
dug pits,  $18 \times 18 \times 12$  ins., N., E. and W. of cor.,  
 $5\frac{1}{2}$  ft. dist., and in E. pit, drove a  
stake, 2 ft. long, 2 in. square, 12 ins. in  
the ground, marked  
S. 6. T. 29 N. R. 55 W. in N.,  
D. 32 on E. <sup>end</sup>

7<sup>th</sup> Standard Parallel N., along 68  
87  
S. boundary T. 29 N., R. 55 W., 6<sup>th</sup> P.M.

Chanis Retracing

D. 31 on W. faces, with 1 notch  
on W. <sup>end</sup> and 5 notches on E. edges.  
The return course is therefore  $41^{\circ} 59' 46''$  E.

West on a random line, on S. boundary sec. 31,  
Var.  $16^{\circ} 20'$  East.

39.90 To a point 7 lks. S. of "4 sec. cor.,  
which is a mound and pits, with  
post in E. pit. I build mound,  
making it  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base.  
The return course is therefore  $5^{\circ} 59' 57''$  E.  
From the "4 sec. cor., I continue W.

40.27 To a point 14 lks. S. of Standard  
Cor. to T. 29 N., R. 55<sup>th</sup> and 56<sup>th</sup> W.,  
which is a mound and pits,  
with post in E. pit.  
The return course is therefore  $5^{\circ} 59' 48''$  E.  
June 24<sup>th</sup> 1881.

69  
H  
E  
69  
88  
7<sup>th</sup> Standard Parallel 4<sup>th</sup>, along  
S. boundary V. 29 N., R. 56 W., 6<sup>th</sup> P. 16.

Chain. Retracing.

West on a random line, on S. boundary sec. 36,  
Va.  $16^{\circ} 30'$  East.

H  
40.11 To a point 24 lks. N. of 14 sec.  
cor, which is a limestone, with  
earth mound and pits. I mounded  
mound of earth, making  
it  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base and  
ordig pits,  $18 \times 18 \times 12$  ins, E. and W.  
of stone  $5\frac{1}{2}$  ft. dist.

The return course is therefore  $N. 89^{\circ} 39' E.$

From the 14 sec. cor, I continue W.

40.36 To a point 30 lks. N. of cor. to sec.

35 and 36, which is a limestone,  
with earth mound and pits.

I mounded mound making it 2 ft.  
high,  $4\frac{1}{2}$  ft. base and ordig pits,  
 $18 \times 18 \times 12$  ins, N., E. and W. of  
stone,  $5\frac{1}{2}$  ft. dist.

The return course is therefore  $N. 89^{\circ} 34' E.$

7<sup>th</sup> Standard Parallel 11, along 70  
89  
S. boundary V. 29 N., R. 56 W., 6<sup>th</sup> P. 11.

Chain. Retracing.

West on a random line, on S. boundary sec. 35,  
Va.  $16^{\circ} 05'$  East.

40.04 To a point 18 lks. N. of 14 sec.  
cor, which is a mound and  
pits, with post in E. pit. I  
mounded mound, making it  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base.

The return course is therefore  $N. 89^{\circ} 45' E.$

From the 14 sec. cor, I continue W.

40.22 To a point 12 lks. N. of cor. to sec.  
34 and 35, which is a mound and  
pits, with post in E. pit.

The return course is therefore  $N. 89^{\circ} 50' E.$

West on a random line, on S. boundary sec. 34,  
Va.  $16^{\circ} 20'$  East.

39.93 To a point 12 lks. N. of 14 sec. cor,  
which is a mound and pits, but  
no trace of post. To mark cor,  
I set a stake, 2 ft. long, 2 ins.

20  
7<sup>th</sup> Standard Parallel 4, along  
S. boundary T. 29 N., R. 56 W., 6<sup>th</sup> P.M.

Blauis Retracing

square, 12 ins. in the ground, in  
E. pit, marked G. C. 14 S. on W. face.  
The return course is therefore  $N. 89^{\circ} 50' E.$   
From the 14 sec. cor., I continue W.

39.97 To a point 15 lks. N. of cor. to  
secs. 33<sup>rd</sup> and 34, which is a mound  
and pits, with post in E. pit. I  
mounded mound, making it 2  
ft. high,  $4\frac{1}{2}$  ft. base.

The return course is therefore  $N. 89^{\circ} 47' E.$

West on a random line, on S. boundary sec. 33,  
Wa.  $16^{\circ} 30' East.$

H004 To a point 12 lks. S. of 14 sec.  
cor., which is a mound and pits,  
with post in E. pit. I mounded  
mound, making it 1<sup>1</sup>/<sub>2</sub> ft. high,  $3\frac{1}{2}$  ft.  
base.

The return course is therefore  $S. 89^{\circ} 50' E.$   
From the 14 sec. cor., I continue W.

7<sup>th</sup> Standard Parallel 4, along 21  
S. boundary T. 29 N., R. 56 W., 6<sup>th</sup> P.M.

Blauis Retracing

39.95 To a point 5 lks. N. of cor. to  
secs. 32<sup>nd</sup> and 33, which is a mound  
and pits, with post in E. pit.  
The return course is therefore  $N. 89^{\circ} 56' E.$

West on a random line, on S. boundary sec. 32,  
Wa.  $16^{\circ} 30' East.$

39.85 To a point 13 lks. N. of 14 sec. cor.,  
which is a mound and pits, with  
post in E. pit. I mounded mound,  
making it 1<sup>1</sup>/<sub>2</sub> ft. high,  $3\frac{1}{2}$  ft. base.  
The return course is therefore  $N. 89^{\circ} 49' E.$

From the 14 sec. cor., I continue W.

39.95 To a point 20 lks. N. of cor. to  
secs. 31<sup>st</sup> and 32, which is a mound  
and pits, with post in E. pit.  
I mounded mound, making it  
2 ft. high,  $4\frac{1}{2}$  ft. base.

The return course is therefore  $N. 89^{\circ} 40' E.$

6 <sup>73</sup>/<sub>92</sub> 7<sup>th</sup> Standard Parallel  $4^{\circ}$ , along  
S. boundary V. 29 N., R. 56 W., 6<sup>th</sup> P.M.

6. Chain Retracing

West on a random line, on S. boundary sec. 31.

Wa.  $16^{\circ}25'$  East

39.96 To a point 10 lks. N. of  $1/4$  sec. cor.,  
which is a mound and pits, but no  
post. To mark cor., I drove a  
stake 2 ft. long, 2 in. square,  
12 in. in the ground, in E. pit,  
marked S. C.  $1/4$  S. on N. face.

The return course is therefore  $48^{\circ}57'$  E.

From the  $1/4$  sec. cor., I continue W.

39.84 To a point 3 lks. S. of Standard  
Cor. to Tpo. 29 N., R. 56 W., 57 W.,  
which is a mound and pits, with  
post in E. pit.

The return course is therefore  $5^{\circ}57'$  E.

I carefully examined the adjustments  
of my Solar Compass today,  
particularly the latitude and  
meridian apparatus and found  
them correct June 25<sup>th</sup> 1881.

7<sup>th</sup> Standard Parallel  $4^{\circ}$ , along <sup>74</sup>/<sub>93</sub>  
S. boundary V. 29 N., R. 57 W., 6<sup>th</sup> P.M.

Chain Retracing

West on a random line, on S. boundary, sec. 36.

Wa.  $16^{\circ}00'$  East

40.16 To a point 16 lks. N. of  $1/4$  sec. cor.,  
which is a mound and pits  
with post in E. pit.

The return course is therefore  $48^{\circ}46'$  E.

From the  $1/4$  sec. cor., I continue W.

39.94 To a point 10 lks. N. of cor. to  
Secs. 35<sup>th</sup> & 36, which is a mound  
and pits, with post in E. pit.  
I drove mound, making it  
2 ft. high, 4<sup>1/2</sup> ft. base.

The return course is therefore  $48^{\circ}57'$  E.

West on a random line, on S. boundary, sec. 35.

Wa.  $10^{\circ}45'$  East.

40.12 To a point 8 lks. N. of  $1/4$  sec. cor.,  
which is a mound and pits, with  
post in E. pit. I drove mound,  
making it 1<sup>1/2</sup> ft. high, 0<sup>1/2</sup> ft. base.

6 75 7<sup>th</sup> Standard Parallel 41., along  
94 S. boundary T. 29 N., R. 57 W., 6<sup>th</sup> P.M.

6 Chanis

Retracing

The return course is therefore  $41.89^{\circ}50'E$ .

From the "4 sec. cor., I continue W.

40.07 To a point 3 lks. W. of cor. to secs.  
34<sup>th</sup> and 35, which is a mound  
and pits, with post in E. pit.  
The return course is therefore  $N. 89^{\circ}57'E$ .

West on a random line, on S. boundary, sec. 34.

Var.  $15^{\circ}10'$  East.

39.70 To a point 10 lks. S. of "4 sec. cor.,  
which is a mound and pits,  
with post in E. pit. I monument  
mound, making it 1<sup>1</sup>/<sub>2</sub> ft. high, 3<sup>1</sup>/<sub>2</sub> ft.  
base.

The return course is therefore  $S. 87^{\circ}51'E$ .

From the "4 sec. cor., I continue W.

39.83 To a point 20 lks. S. of cor. to  
secs. 33<sup>rd</sup> and 34, which is a mound  
and pits, with post in E. pit.  
The return course is therefore  $S. 89^{\circ}40'E$ .

7<sup>th</sup> Standard Parallel 41., along 76  
95 S. boundary T. 29 N., R. 57 W., 6<sup>th</sup> P.M.

Chanis

Retracing

West on a random line, on S. boundary, sec. 33.

Var.  $15^{\circ}35'$  East.

39.50 To a point 18 lks. S. of "4 sec.  
cor., which is a mound and pits,  
with post in E. pit. I monument  
mound, making it 1<sup>1</sup>/<sub>2</sub> ft. high,  
3<sup>1</sup>/<sub>2</sub> ft. base.

The return course is therefore  $S. 89^{\circ}45'E$ .

From the "4 sec. cor., I continue W.

40.44 To a point 33 lks. S. of cor. to sec.  
32<sup>nd</sup> and 33, which I found in poor  
order. I destroy same and to  
remark cor., deposited a cleared  
stake 12 ins. in the ground and  
raised an earth mound, 2 ft.  
high, 4<sup>1</sup>/<sub>2</sub> ft. base, over it; dug  
pits 18 x 18 x 12 ins., W., E. and W.  
of cor., 5<sup>1</sup>/<sub>2</sub> ft. dia., and in E. pit,  
drew a stake, 2 ft. long, 2 ins.  
square, 12 ins. in the ground, marked

6  
77/96 7<sup>th</sup> Standard Parallel 41, along  
S. boundary T. 29 N., R. 57 W., 6<sup>th</sup> P.M.

Chains Retracing

S. 6. T. 29 N., R. 57 W. on 41,  
S. 33 on E. <sup>2nd</sup>  
S. 32 on W. faces, with 4 notches  
on E. <sup>2nd</sup> 2 notches on W. faces.  
The return course is therefore S. 89° 32' E.

West on a random line, on S. boundary sec. 32.  
Va. 15° 30' East

39.73 To a point 3 lks. W. of "4 sec. cor.,  
which is a mound <sup>2nd</sup> pits, with  
pat in E. pit.

The return course is therefore N. 89° 07' E.  
From the "4 sec. cor. I continue W.

40.11 To a point 6 lks. W. of cor. to sec.  
31<sup>st</sup> and 32, which is a mound <sup>2nd</sup>  
pits, with pat in E. pit I mounded  
mound, making it 2 ft. high,  
+ 1/2 ft. base.

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

7<sup>th</sup> Standard Parallel 41, along 27/78

S. boundary T. 29 N., R. 57 W., 6<sup>th</sup> P.M.

Chains Retracing

West on a random line, on S. boundary sec. 31.  
Va. 15° 50' East

14.49 The closing Standard Cor. to  
Tpo. 29 N., R. 57 W. on W.  
boundary line of Nebraska, which  
is a mound <sup>2nd</sup> pits, with pat  
in E. pit. I mounded mound,  
making it 2 1/2 ft. high, 5 ft. base.  
I carefully examined the  
adjustments of my Solar Compass  
today, particularly the latitude  
and leveling apparatus  
and found them correct.

June 27<sup>th</sup> 1881.

### Final Oaths for Surveys.

#### LIST OF NAMES.

A list of the names of the individuals employed by W. H. Benson, 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 7<sup>th</sup> Guide Mer. West, along W. Boundaries sp. 25, 26, 27 + 28 N., 56 W., The 6<sup>th</sup> Standard line North, along Boundaries of sp. 25 N., Rs. 55, 56, 57 + 58 W., the 7<sup>th</sup> Standard line North along South boundaries of sp. 29 N., Rs. 54, 55, 56 + 57 W., and the East boundaries of sps. 25, 26, 27 and 28 N., R. 55 W. 6<sup>th</sup> T. M.

showing the respective capacities in which they acted.

- ....., Compassman.
- B. Weeks....., Chainman.
- Thomas Bement....., Chainman.
- ....., Chainman.
- ....., Chainman.
- ....., Axeman.
- John L. Dawson....., Axeman.
- ....., Flagman.
- Frank Shaw....., Moorman

25, 26

57

urve

y swear

Final Oaths of Assistants.

We hereby certify that we assisted

*W. F. Benson*, United States Deputy Surveyor, in surveying all those parts or portions of the retracing of the 7<sup>th</sup> Guide Mer. West along West boundaries of Sp. 25, 26, 27, + 28 N. R. 56 W. The 6<sup>th</sup> Standard line North along South boundaries of Sp. 25 N. R. 55, 56, 57 + 58 W. The 7<sup>th</sup> Standard line North along boundaries of Sp. 24 N. R. 54, 55, 56 and 57 W. and the East boundaries of Sp. 25, 26, 27 + 28 N. R. 55 W.

of the 6<sup>th</sup> Principal 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 and Nebraska*.

- B. Weeks*, Compassman.
- Thomas Bennett*, Chainman.
- Chainman.
- Chainman.
- Chainman.
- John L. Dawson*, Axeman.
- Axeman.
- Flagman.
- Francis Shaw*, Moundman

Subscribed and sworn to before me this *1st* day of *July*, 188*1*.  
*C. F. Putnam*  
Notary Public

Final Oath of United States Deputy Surveyor.

I, *W. F. Benson*, United States Deputy Surveyor, do solemnly swear that in pursuance of instructions received from *Geo. Smith*, United States Surveyor-General for *Nebraska*, bearing date of the *26<sup>th</sup>* day of *May*, 188*1*, 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 *Nebraska*, surveyed all those parts or portions of the retracing of the 7<sup>th</sup> Guide Mer. West along West boundaries of Sp. 25, 26, 27 + 28 N. R. 56 W. The 6<sup>th</sup> Standard line North along South boundaries of Sp. 25 N. R. 55, 56, 57 + 58 W. The 7<sup>th</sup> Standard line North along boundaries of Sp. 24 N. R. 54, 55, 56, + 57 W. and the East boundaries of Sp. 25, 26, 27 + 28 N. R. 55 W.

of the 6<sup>th</sup> Principal 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.

*W. F. Benson*,

United States Deputy Surveyor.

Subscribed and sworn to before me this 10<sup>th</sup>  
day of July, 1881.

*E. F. Putnam*  
Notary Public

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U.S. Surveyor General's office  
Plattsburgh N.Y. Dec 3<sup>rd</sup> 1884  
The foregoing field notes of the re-  
tracement survey of the 7<sup>th</sup> Guide  
Mer. N. along N. boundary of Tps. 25,  
26, 27 + 28 N. R. 56 W. The 6<sup>th</sup> Stand. Par.  
N. along S. boundary of Tps. 25 N.  
R. 55, 56, 57 + 58 N. The 7<sup>th</sup> Stand. Par.  
N. along S. boundary of Tps. 29 N.  
R. 54, 55, 56 + 57 W. and the E.  
boundary of Tps. 25, 26, 27 + 28 N.  
R. 55 W. of 6<sup>th</sup> P. M. in Nebraska Ex-  
ecuted by W. J. Beaman U.S. Deputy  
Surveyor under his contract No 1  
dated June 15<sup>th</sup> 1881 during the month  
of June 1881 having been critically  
examined, and the necessary  
corrections and explanations  
made the said field notes  
and the survey they describe  
are hereby approved

# GENERAL LAND OFFICE • ORIGINAL FIELD NOTES

BOOK NUMBER

**764**

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

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