

206



Nº 6



## INDEX

Note:- If this book is lost  
Finder please notify John W. Curo  
Walker Minn and receive a liberal  
reward It is very important that the  
book is not lost John W. Curo Walker  
Minn. Oct 1917

Twop Corners: See Sec 774. Chapter 7  
Page 172 Laws 1913

Mission Lake Cemetery 4 To 22-134 To 160  
Jos Blythe Sec 10-138-29 P 24  
Timothy Twp 138-28 P 25 T. 75  
Barclay Twp Coss & 138-29 P 77 T. 112  
E M Olson 139-28 P 113 To 133  
Mission Lake Cemetery 134 To 160



Oct 1 - 1917 Monday.

I and the Town Board running the N & C  
line of sec 9-138-30 see Book N<sup>o</sup>

Oct 2<sup>nd</sup> 1917 Tuesday

On the farm at Pine River

Oct 3<sup>rd</sup> 1917 Alma - Reed & I go in Ford  
car to Walker to pack our household goods  
at the Bortch-Lindert Bldg and move  
same to our farm 2 1/2 miles N. of Pine River

We sleep in our room auto @ Ford Grindall's  
Garage. Ilo and Harold are going to  
school and staying alone on the farm during  
your absence.

Oct 4<sup>th</sup> 1917 Still packing - sleep  
at our small house in West edge of Walker

Oct 5<sup>th</sup> 1917 "all out" and goods shipped  
Pd Char Griffith day line \$7.75

Lo Walker @ 5-30 Alma finds a pup and  
brings it along. Gets kitten of Ella Mellon  
at Hockanock. At home on the farm  
@ 7. Ilo - Harold & young Flecker  
just got home from chapel. Lost dog  
John W. Carr



Oct 6-1917 Saturday

Our car did not come till today and too late  
to move anything all day on the farm. I got  
\$25. on my note 30 days @ Farmers' Natl Bk P.M.  
500

Oct 7-1917 Alma + Ilo clear house  
Gerald + I with Ford car make several trips  
to Pine River + back to the farm hauling our  
household goods. I pay Abe White \$3. freight

Norma Crommet + Ackerman  
come with bal of food + our deer \$5. per

Oct 8-9-10-11-12-13-1917 still  
on the farm cutting wood + firing up  
I got \$30 from Timothy Tapp.

Oct 14-1917 Sunday

Alma + Ilo walk over to Leonard Emery's  
farm in P.M. Gerald + I cut wood  
go hunting and go after Alma + Ilo in  
Car in evening.

John W. Cross



## Record 143

Mission Lake Cemetery

35-136-27

October 15-1917 Monday

I am working for Mission Twp 136-27  
Crow Wing Co Minn in the survey of a  
cemetery and incidentally the laying out of a  
short piece of road bet Secs 35-26 136-27  
The cemetery is in the NE cor of  
NW NW Sec 35-136-27 and is contain  
about 2 acres road call

Eat dinner at home on the farm  
at Pine River and in P.M.

Drive in my own Ford car to Piquet  
get orders from Jas Ingram Co Surveyor  
of Crow Wing Co

Then drive to farm house of Bert Sabin  
Ch of Board & Postmaster of Mission P.O.  
own  $W\frac{1}{2}$  NW  $\frac{1}{4}$  Sec 35-136-27  
Supper & over night - with Sabin  
Board members are

Bert Sabin Mission Minn Ch	2	Shower me on 26-27 34-35-136-27
Albert Tracy "Cod" (or "AT") Kimball		Piquet P.O. 3
Harry Van Horn Ossipee P.O.		1
Ed Young Ossipee P.O. Clerk		
Harvey Drake Mission P.O. Treas		
Brainerd State Bank Brainerd		

John W Cline



Oct 16-1917 Tuesday

As Bert Sabin is so busy with palato digging to help on the runway he calls up Ed Kimball and tells him to come to-morrow via Ed Young & Harry Van Horn and bring them along to help.

I go to Brainerd to copy necessary transcript notes and return at 6 P.M. again over night with Bert Sabin

Miss Hazel H. Squires Teacher - 18.

Daughter of Harry Squires Policeman Brainerd is teaching this school 1 1/4 miles East NE

Over night with Sabin

143

John W Curs



Oct 17-1917 Wed.

143

Sabin & Fapple dig potatoes - Rainy -  
"Cod" Kimball whose name is Albert  
Tracy Kimball and who signs "A.T."  
comes in his Ford car with his son  
as driver. The son is 14 years old, and  
they call him "A.T." he says his name is  
Ami Joseph Kimball.

They come via and bring Harry Van  
Horn. At about 10 A.M. and we go to Co.  
of Sect 26-27-34-35-136-27  
where US Notes call for post and

Whit Pine 6" S  $31\frac{1}{2}^{\circ}$  E 101 LKS = 66.66 Feet

" Birch 5" N  $6\frac{1}{2}^{\circ}$  W 56 " = 36.96 "

" Pine 10" N  $33^{\circ}$  E 64 " = 42.24 "

This is also MCN<sup>s</sup> \_\_\_\_\_

and we find a 6x6x — inch cement post  
set 3 years ago by Surveyor Glass  
also find the stump of the old B.T.S.  
Run E. @  $10^{\circ}20'$  V

Ami T. Curo ch. 300' laps + P.B.

H + B transit Cod & Van Horn &  
@ 235' Huton hill 300' slake. 569' main road  
600' slake 673.70' Hub 700' slake about 900' bottom  
of ravine 1000' slake 1153.30' Hub V  $10^{\circ}20'$   
1300' Hub - Quil @  $32^{\circ}$  for in  
John W. Curo



Oct 18-1917 Thurs

Snow all A.M. I and Bert take  
teacher + kids to school.

P.M.

Snow harder and @ 3-30 P.M. I go in  
Ford to get school kids + teacher - but there  
15 minutes too soon and sit in teacher's  
chair till school is out

Get stuck turning at sch ho and  
Miss Hazel gets out crawls Ford and  
pushes like a good fellow Big kids  
pile out and push backwards - and we  
get out ok. Engine working fine but  
snow is slippery

Went to Sabin's then all go  
1 1/2 miles South and take kids to  
farm in sec - 135-27  
then back home 2" snow but soft

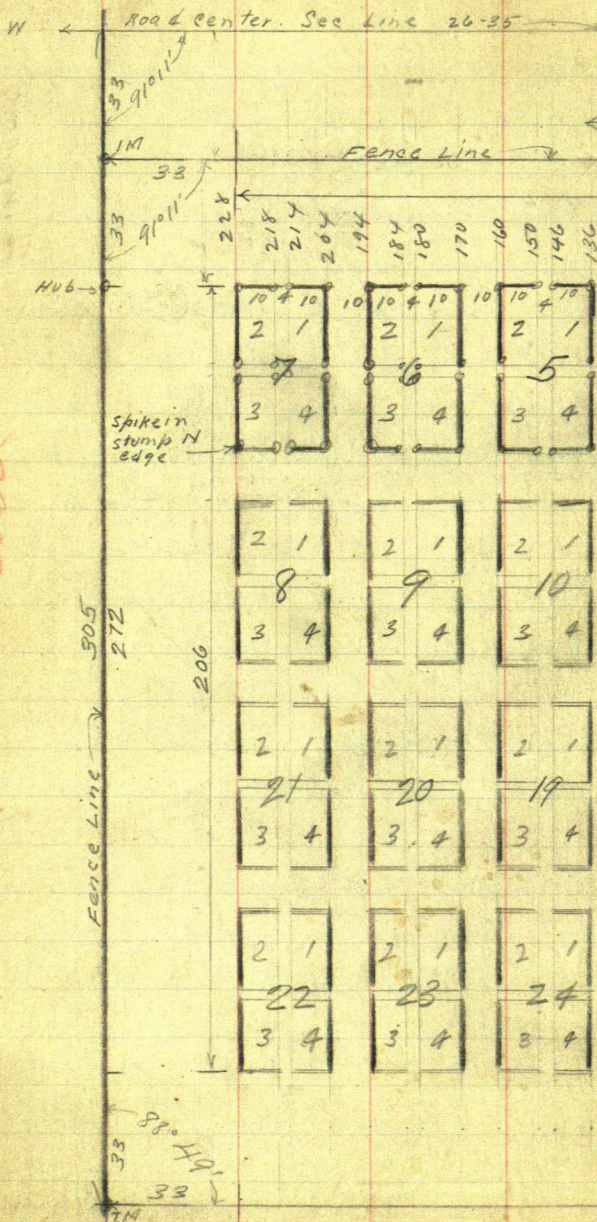
Still with Sabin

Record No 143

John W. Cunn



Mission Lake Cemetery  
Sec 35-136-27



No. 143 Record







Oct 19-1917 Friday

Calm and cold- 2" snow. I take  
Teacher & 2 kids to school in Ford  
and as Kimball & crew do not show  
up Bert Sabin and I work alone  
on survey continues

East random bet 26-35-136-27 11020'

At 1300 Hub 1494.40 Hub 1600 slake

1700 Hub @ 1900 bottom of slope

2000 slake 2069 cen of main

"Brainerd & Dean Lake" road  
bears N x S and runs E astely  
miles to Iron ton

At 2095.70 Hub <sup>110° 40'</sup> 2100 slake  
about 2250 bottom of hill

2400 slake @ 2475.60 Hub <sup>110° 40'</sup> on top  
of hill and quit for dinner

Sun comes out and snow  
going fast

We call up "Cod" Kimball via  
long distance which costs \$3.00  
35° and Kimball say he will  
come tomorrow with his team  
and bring rest of board

P.M.

Continues East @ 2500 slake

John W. Curo



# Time Sheet Working For Mission Trp 136-27 Crow Wing Co Minn

	SUN	14	15	16	17	18	19	20	21	22	23
Oct 1917											
John W. Curo		1/2 PM	1	1	1	0	1	1	1		
Expense		0	35	0	0	0	0	0	0		
Halo		3	3	0	0	0	1	0			
A.T. Kimball	\$2.00	0	0	1	0	0	1	1			
A.J. Kimball	(14)	0	0	1	0	0	0	0			
Harry Van Horn		0	0	1	0	0	1	1			
Bert Sabin		1/4 PM	0	0	0	1	1	1			
E. L. Young		0	0	0	0	0	1	1			

Paid

143



Oct 19<sup>th</sup> 1917 continued

Continue East bet 26-35

143

@ 2640 set hub and look for  $\frac{1}{4}$  Co  
where US notes call forAspen 6 N  $34\frac{1}{2}$  W 36 LKS =" 6 S  $31\frac{3}{4}$  W 48 " =

All are gone and lots of Jack pine and  
white pine trees and stumps extend  
several hundred feet in all directions  
and no signs of poplar or aspen

Continue East

@ 2800 stake 2819 Hub & reads  $10^{\circ}40'$ @ 2985 cross light good 3 strand wire  
fence 89.50 feet North of SW Co

Sabin and I follow the fence  
East  $\frac{1}{3}$  mile to the Mississippi  
River to MC bet sec 26-35  
136-27 where US notes call for  
port and BTS viz

Ash 6 S  $14^{\circ}$  W 18 LKS = 11.88 ftLind 8 N  $27^{\circ}$  W 26 " = 17.16 "

I think the river bank has come off  
a rod or two and taken the trees  
with it but the fence runs East  
along an old line of spots 10 years  
old about and if I do not find the BTS  
John W. Curo



Board Sheet Oct 1917

5475

五

51

16.

19

81

1

19

1  
NHS

176

22

23

35

John W. Cuno

Edo Kimball

AJ. Kimball

Harry Van Horn

E. L. Young

Mrs Bert Sabin

Mrs Wythe

1. 1. 1.

143



Oct 19-1917 cont'd

I will use some of the old spots on  
blazed lines and the West bank of the  
Mississippi for measurement

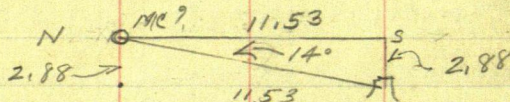
I find an old stump ~~and~~ put South  
of the old fence which I may be able  
to work in as a B.T.

Figuring position of SW B.T.  
would be

S 14° W 11.88 Feet =

$$14^\circ \text{ Sine} = .24192 \times 11.88 = 2.88 \text{ W}$$

$$\text{Cosine} = .97030 \times 11.88 = 11.53 \text{ S}$$



I only make above sketch and  
calculations so it will be handy  
tomorrow in case I do use the stump

We walk back home and I place  
the line along my stakes as a check O.K.

Take my car and run a mile <sup>4 miles to car</sup> so  
to look for corner along the town line  
Miss Squire left @ 4-30 to walk around  
N. end of Mission Lake to meet

Otherson another 5 miles away and will  
be back Sunday night

John W. Carr

Snow partly gone. fair looking yet.



Oct 20-1917 Saturday

Van Horn Comes on horse back  
Kimball & son come in car and pick  
up Ed Young and all get to Sabin's  
about the same time They arrive on  
line about 9-30 AM.

Sabin & I go out about 8 am and  
all continue random East

East bet 26-35 136-27  $\cup 10^{\circ}40'$

@ 3100-3400 stakes @ 3486 ent

Tam sup NTS. @ 3700 stake in

cranberry bog 3943 L. same

4000 stake 4016-90 Hub  $\cup 10^{\circ}40'$

about 4100 enter heavy ash-oak  
& basswood timber - river bottom

4300 stake 4476-60 Hub  $\cup 10^{\circ}40'$

4529. river bank R bank Miss River

From Hub 4476-60 East MC sets  
 $48^{\circ}55'$  R 108.40 feet - then East 5.76 feet

At this point (see page 12) we  
find the stump of the old SW. B.T.

with the body of the tree lying  
under water in the river and the  
stump so badly rotted that the  
marks are gone and very close  
to the brink of the bank At this

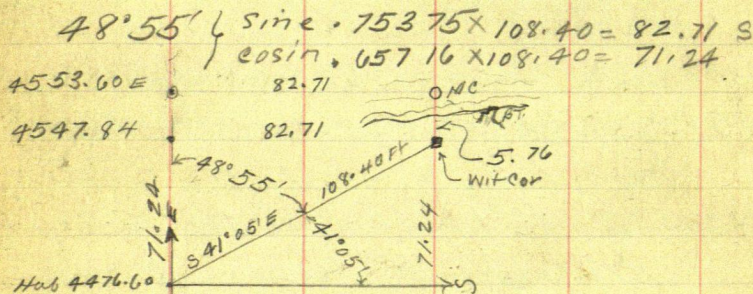


Oct 20<sup>th</sup> 1917 could  
in the stump of the tree called for in  
the notes as being

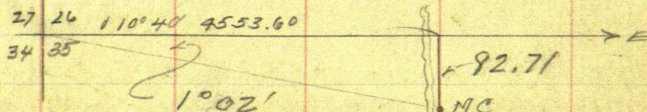
Ask 6' S 14° W 18. LKS = 11.88 Feet  
would set 11.53 Ft South and 2.88 Ft  
West and as the bank is gone too  
much gone to set the post and  
as the limit is 100 feet west  
of the stump I run

N 14° W 11.88 Feet Then East  
1.00 foot and set Wit on 5.76 Feet  
West of the point for line MC.

But 26-35-136-27



At 4553.60 East MC sets South  
82.71 Feet



John W. Carr



Oct 20-1917

143

$$4553.60 \text{ into } 82.71 = .018164 = 1' 2''$$

Correction = .018164 of a foot South  
for each foot East

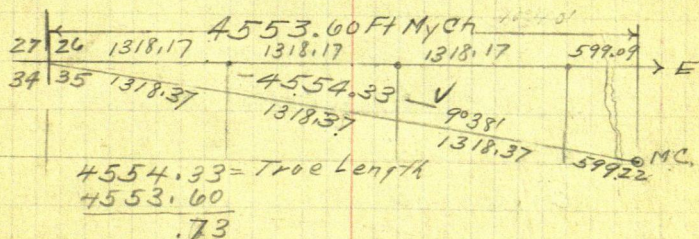
US notes give the length of this  
line as 6909 Lks = 4559.94 Feet US  
= via random line  $\frac{4553.60 \text{ Mych}}{6.34 \text{ shot}}$

$$4559.94 \text{ into } 6.34 = .0013904 \text{ West for each foot E}$$

1370 goes West 1.83 to 1318.17 E  
and South 23.94

$$\begin{aligned} 1' 02'' \left\{ \begin{array}{l} \text{Sine} = .01803 \\ \text{Cosine} = .99984 \text{ into } 4553.60 = \end{array} \right. \end{aligned}$$

$$\begin{aligned} 1' 02'' \left\{ \begin{array}{l} \text{Tangent} = .01804 \\ \text{Cotangent} = 55.4415 \end{array} \right. \end{aligned}$$



All lake dinner with Bert Sabin  
and I figure correction till 3 p.m.  
Ed Young has brot his Two books  
John W Curo



Oct 20<sup>th</sup> 1917 cont'd.

with him and the call a meeting  
and pass the following resolution

"Resolved that the Prained and Dean Lake  
road running between sections 26 and 35  
be moved onto the section line

Beginning at a point in said road 2069 ft  
East and running 1500 feet West along  
the section line to a point in said  
road 569 feet East of the corner to  
Section 26-27-34-35 T136 R27"

This was not just as I worded  
the resolution but it will do

P.M.

We get staled back to work about  
3. P.M. and @ Hub 1300. East we  
chain East 18.17 feet to 1318.17 East  
where we set transit and run South  
90° to random 23.24 feet and set hub  
for the line West  $\frac{1}{16}$  cor bit sec  
26-35-136-27

I decide to run South  
along the West  $\frac{1}{16}$  line @ 90° to  
the line E+W line and with transit  
@ Hub 1318.17 E look right West  
on random then turn 90° Left  
Johnweins



Oct 20-1917 cont'd

then back 1° 02' R running 0.40 of a foot  
West of the  $\frac{1}{16}$  cor and @ 900 ft S set  
limp hub from which I measure East  
0.40 of a foot and set against  
back sight North on line  $\frac{1}{16}$  and in  
South 90° to sec. line along West  
 $\frac{1}{16}$  of sec 35-136-27 &  $\angle$  94° 49' 38"

@ 661 Cor Brainerd & Dean Lake Road E & W  
300-600 stakes

670 wire fence E & W 900 Hub in  
Sabins field 1200-1500-1800 stakes  
rough chain 1822 Hub. 2000 cross  
wire fence about S 20° W & N 20° E  
2100-stake 2400 Hub 2640 Hub  
2700-3000-stakes

Young and Van Horn quit at 5-30 and  
go home - Kimball - Sabins - & I continue  
South till 6 P.M. and 'Ced' Kimball  
stays over night with me at Sabins  
Snow nearly gone

Record No 143

John W. Curr



Oct 21-1917 Sunday

South on West  $\frac{1}{16}$  line of sec 35-  
136-27 Curo H & B Transit perfect  
adjustment single center: 300 ft (hi).  
steet tape no plumb-bob 2nd class

chain over level jackpine country

Saben & Kinball continue line

@ 3300 stake 3414 Hub 3600 stake

3900 Hub Var reads  $9^{\circ}50' E$

Van Horn arrives @ 9. and Young

gets her @  $9^{\circ}40'$  a.m. We all chain  
flag and cut line.

4500 Hub 4775 brink of big hill  
slopes South @ 4800 hub Thence  
down hill 5100 stake 5200 foot of hill  
5210.50 hub 5262. good unit  
fence E & W 5280 Hub Temp  
West  $\frac{1}{16}$  bet Sec. 35 and 2 bet

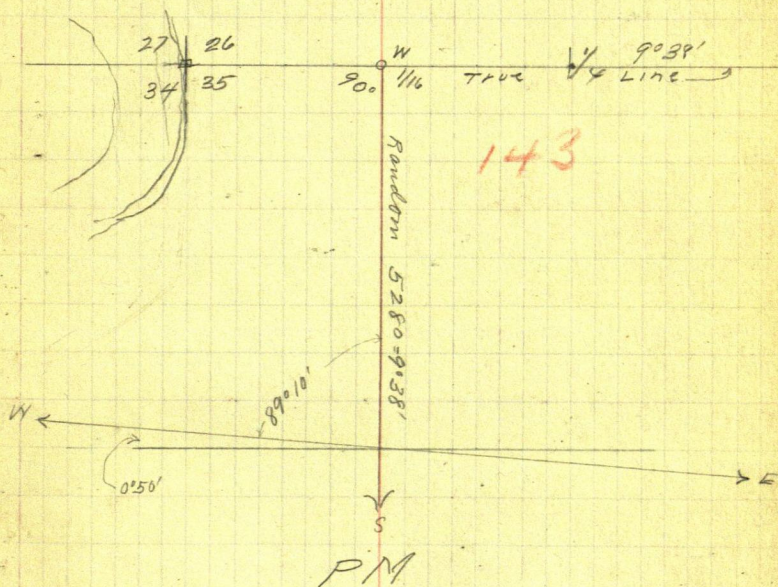
T 135-136 R 27

As this town line is supposed  
to run on  $0^{\circ}50'$  less var than the  
N. b. dry of sec 35. I set transit  
over hub 5280 S. back right North  
on hub 4800 turn  $90^{\circ}$  Left and  
looking West lum.  $0^{\circ}50'$  back to the  
Right and run West on random  
John W Curo



Oct 31-1917 Cont'd

town line Var should be  $8^{\circ}48'$   
Cut line West up hill about 300 feet  
and walk to Bert Sabin's place for  
dinner  $1\frac{1}{4}$  miles. and all take dinner  
with Sabin



From above temp  $1\frac{1}{16}$  we start  
a line & run about 600 feet E  
East then transit telescope  
and run W

West random town line  
@ 300 stakes @ 463.20 hub  
on top of hill 600-900 stakes  
John W. Carr



22

Mission Lake Cemetery  
sec 35-136-27

Crow Wing Co. Minn

Oct 21-1917 Contd

@ 925 enter field + 120.60 Hat  
1200 stake 1425.60 wire fence N&S.

At 1320 look for con to

34-35-2-3-66 T 135-  
136- R 27 where US notes

Pine

Pine

Pine

See Record 143

Continued on Page 134-This book

John W. Cunn



Joseph Blythe Survey  
Nov 1917

Joseph Blythe of Hill City  
Whine owns  
Sec 10-138-29

Dr in my car about 9-9 m. Drive  
to Clough Lake. Go to  $\frac{1}{4}$  Cor bet  
9<sup>th</sup> 10-138-29. Find my old wood stake  
and old S.E. BT. Burned. Start picket  
line E @ 8°. Go to Cor 2-3-10-11.

138-29 just set by me start line W 8°  
Walk to  $\frac{1}{4}$  Cor bet 3<sup>rd</sup> 10-138-29

US notes say Tam 18 N 13° E 18 Ls - 11.88 FT

P Tam 4 S 55 $\frac{3}{4}$ ° W 15 Ls - 9.90 Feet

Find stump of NE tree plainly marked  
set stake @ 8° 30' 0. SW gone

New BTS. Tam 8 N 18° W, 45.70 FT

Tam 7 S 60° 15' W 38.70 "

set with compass @ 8° 30'. Start  
picket line South 8° 30'

Later: Blythe cuts this half mile  
from NE Cor 10 W and marker  $\frac{1}{4}$  Cor only a  
few feet. Also cuts line a mile S and  
marker  $\frac{1}{4}$  only a foot. Also cuts line E  
thru 10 to water. Later says cuts  
8 75° in full. and calls survey off John W. Blythe



From 15924 205 D 138-28  
Tinnathy Tarp  
Crow Wing Co Minn

25

Jan 12-1918 Saturday

Continued From Pg 159 Book 5.

Time Sheet Pg 153. Book 5.

Cold NW wind  $12^{\circ}$  below Slit. at 10-AM

Geo Hardy - Harold J Curo Transit & Ch.

J N Huss. & ch. John W Curo Transit & Ch.  
200 lps. p. b. Gully Transit double.  
Curo hubs. South Bet 34-35'

Reg @ 26-27-34-35-138-28. Back  
sight North  $\frac{1}{2}$  mile on true line - run  
South over road  $7^{\circ}45'$  setting stakes  
with transit every 200 ft also some hubs  
1850.50 Hub. 2254.50 Hub on Hog back

E & W. @ 2576.50<sup>s</sup> Wx establish a line  
 $\frac{1}{4}$  on 25.50 ft East (N Snails call for

P/O E. @ 1-  $\frac{1}{4}$  Bet 34-35-138-28

Y.P.  $12^{\circ}$  E  $7^{\circ}$  N 10 LKS = 6.60 Feet

Y.P.  $12^{\circ}$  W  $5^{\circ}$  N 20 " = 13.20 "

Huss shows us a stump near which  
he picks up a big slab showing the  
"B.T." marks plain. He says he split  
this slab off the stump another  
burned stump NW checks o.k. for  
chain but it sets a few feet too  
far N. for course. I may ignore  
all of this but will see later  
John W Curo



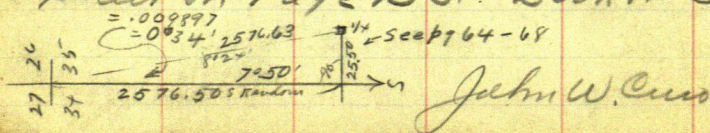
Jan 12-1918 contd

South Bet 34-35 7°45' about  
 Continue South about 28225 cross  
 Harr wire fence about 20 ft W of SE corner  
 about 3063 S cross wire fence NW  
 and SE 2. wires - big posts; 3145 enter  
 hay meadow NW and SE mowed  
 @ 3200 S stake in meadow 55 feet W  
 of N+S wire fence @ 3680 we are 20  
 ft W. of N+S Crooked Creek. 3820  
 Creek SE-SW @ 3860 same creek  
 E+W. @ 3900 Creek NE & W

This creek and hay meadow run  
 SW. to White Fish Lake:

@ 4120 we are 18 Pcs West of small  
 deserted house on bank of meadow  
 4200 stake @ 4330 LV meadow  
 NE & SW enter tall timber swamp  
 SE & SW. Set double Cen in swamp  
 and quit @ 4-45 PM. Arr home  
 5:05 PM. very cold & windy

See time sheet and board  
 sheet on Page 153. Book N° 5





Jan 13-1918 Sunday

Harold - Lyman + I continue  
South Bet 34-35-138-28

@ 5000 S. Lv lām nup E + W @ 5280 S  
set 60° spike and Hub for lām on 1-  
2-3-34-35 South side of 138-28  
where M.S. naler call for "P"

WP 30' N 40° E 114 LKS = 75.84 Feet

Dry P 24 N 59° W 124" = 81.84 "

Aspen 12° S 38½° E 133" = 87.78 "

W.P 30° S 14¾° W 85 " = 36.10 "

Lots of big W.P. stumps but all badly  
burned P.M.

Hass goes with us and @ 5280 S.  
set transit Bock right North on  
random lām 90° R and run E

5280. S = O.O. From which we  
run East bet 35-138-28 and

2-137-28 17'50'

@ 200. spike and stake set with transit

261. E 60° spike under Hubon hill  
transit telescope and run West  
a few chains and set Hub. Chain  
800 E + quit for night. Spend evening  
at Hardys with Mr. and Mrs. Ressler

John W. Cune



Jan 14-1918 Monday

Harald runs transit & ch Lyman  
as well as they continue line East on  
to side 35-138-28 8° Van

Harald's Notes read: continue  
East Bet 35<sup>th</sup> & 2. T 137-138-R 28  
setting stakes every 200 ft set with  
transit 60° spikes under each stake on  
hub: @ 838 E cross road NE & SW  
"Big Whitefish Lake road" @ 1520. 40  
Hub: @ 2064. 80 E set hub and  
quit for night They started about 8<sup>30</sup>  
walked home to dinner & got back  
about 6-P.M. but no transit &c

Harald, Lyman & I go to Killin's  
lot team and get James W. Killin to help  
us correct line

At stake 00. we chain S 34.35 ft  
then West 679 feet and set cor to  
10-11-14-15-138-28 being 5 foot  
picket marked "True Sec. Cor. Set by Crew"

New B.T.S. 019 8°

W.P. stump 24 N 55° E 83.00 Feet (To spot & wood)  
Spruce 2" N 26° W 80.30 (Nathlazed)  
Poplar 3" S 49° W 62.20 (T. spot)  
Birch 4" S 34° E 60.00

John W. Crew



Jan 14-1918 cont'd

(5) 138-28

Timothy

29

set with Gurley compass ( $8^{\circ}$ ) and 26 foot pole (We forgot our 100' chain)

As this cor to 10-11-14-15-138-28

falls on the NW slope of a 2 ft rock  
I set 4 spikes 60' each spike 2 feet  
away N, S, E & W from pt for this cor.

We then Correct Bet 10-15-138-28  
as given on Page 154 Book 5

We set all points as checked "v"  
Set E  $1/16$  Cor and W  $1/16$  Cor and start  
picket line N @  $8^{\circ}$  as these are the  
Kellins SW & SE corner. at

$1/4$  Bet 10-15-138-28 60' spikes  
New B.T.s. Pop 3" S  $69^{\circ}$  W 28.10 Feet  
Oak 35  $30^{\circ}$  E 67.30 "

at all pts set 60' spikes under stakes.

Get home @ 4-50 shoot out ax handle  
& put in new one I shoot 2 shots thru  
eye of ax. Warm clear day

See Page 153, for Time Shot  
in Book 5.

John W. Curo



Jan 15-1918 Tuesday

Huss and Team Harold Curo-  
Lyman Hardy & I correct the Range  
line bet 138-28-29. - 4 miles to  
be corrected

At Donner's stake o.o. the line  
on to sec 1-6-7-12- 138-28-29 on

Range Line sets N 57° 27' W  
475.20 feet At this point  
I S nalis call for See Pg 137. Book 5  
WP 12° N 61° E 38 LKS = 25.08 Feet  
WP 22 S 2° 30' E 38 " = 25.08 "  
NP 15 S 88° W 60 " = 39.60 "  
Y. Birch 13 N 11° W 28 " = 18.48 "

We find stumps of all three white  
Pines plainly marked but the distance  
between the NE and SW BTS is

1.80 ft 10s long So by proportion

$$25.08 + 71 = 25.79$$

$$39.60 + 1.09 = 40.69$$

$$25.08 + 00 = 25.08 \quad S 24° E$$

New B.T.S. Feet @ 8' set

JP 5 N N 85° E 31.90 " with

Poplar 5 N 61° W 32.30 " Hurley

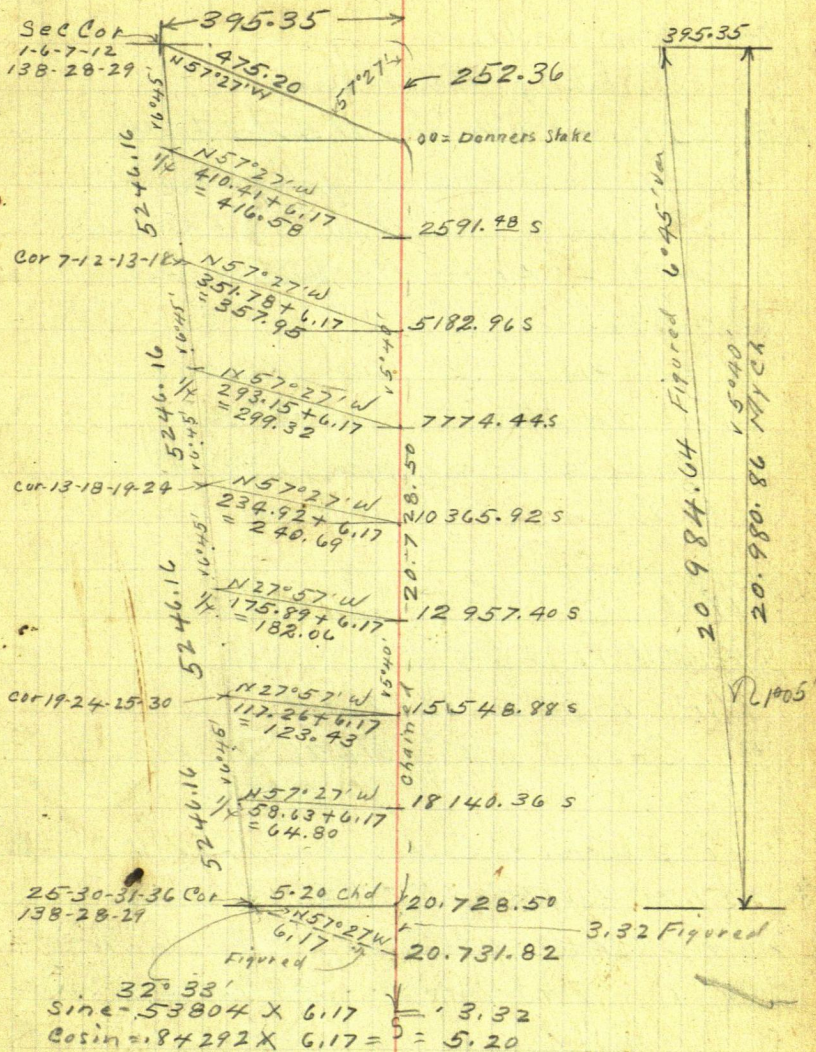
" 5 S 73° W 43.30 " compare

" 4 S 18° E 30.20 " John W Curo

Monumented By Curo

Oct 22-1924. @ 45° 40' out





John W. Curo



Jan 15-1918 contd

## Correcting Rang Line

Ht 2591.48 S We run N 57° 27' W

<sup>+10.41 +6.17</sup>416.58 feet and drive 60° spike and set 3x3x60  
slate braced for temporary 1/4 cor bet  
7-12-138-28-29 on Ry line where

US nalis call for "x"

W. Birch 4N87E 20 LKs = 13.20 Feet

Y Pine 8N 25° W 16 " = 10.56 "

These lines are positively gone  
and the cor sets about 20 feet N. of  
open mark.With a Gurley compass & later  
New BTS by 8°

N.P 8 N 70° E 89.90 feet

Pine Snag 10" N 2° W 64.00 W

Ht 5182.96 S. We run N 57° 27' W

351.78 + 6.17 = 357.95 Feet. and

set 3x3x60" slate + 60° spike for

On 1c 7-12-13-18- 138-28-29

on Rang Line All above

corrections carefully surveyed

with Gurley transit under reading

glass New BTS set with Gurley

compass @ 8° as follows

John Weiss

5 INS.  
Set by Curo Oct 22  
1924 @ 45° 40' out



Jan 15-1918  
Cmld

# Corrections

(9)

138-28.29  
Range Line

33

Paplar 4 N 40 E 70.30 Feet (Compass)

" 4 N 32° W 61.30 "

U S notes call for "X" 138-28

Spruce 8 N 66° E 12 LKS = 7.92

Aspen 12 S 89° E 12 " = 7.92

Tam 12 S 64 W 8 " = 5.28

Aspen 15 N 11 W 16 " = 10.56

Monumented  
5 INS @ 45° 40' out  
Turned from true line  
Oct 22-1924 Curo

At 7774.44 South we run

N 57° 27' W 293.15 + 6.17 = 299.32

where we set a 60 # spike and 3X3X  
60" stake (braced) for the limb &

Cor. bet 13 and 18 New B.T.S. 8' over Vig

Paplar 6 N 67° E 26.80 Feet

" 2 N 37° 30' W 38.10 "

U S notes call for "W"

Aspen 10" N 56° E 15. LKS = 9.90 Feet

W. Birch 7 N 70 W 17 " = 11.22 "

We do not look much but believe them  
gone. We call all these Cors "Temporary"  
until after the iron Mon's are set next Spring  
but are sure they are "True" corner

Harold & I carry line with half mile S and  
catch team @ Cor 17-18-19-20-138-28 home  
very late at night

John W Curo

Monumented By Curo  
Oct 23-1924 @ 45° = 40' out  
5 INS.  
Note. Amos Forelyce  
set 5 INS stake



138-28-29

Timothy Tulp  
Crow Wing Co Minn

Jan 16-1918 Wed

Correcting Range Line

Hans + Lean Harold - Lyman + I

at 10365.925 we run

N57°27'W 234.92 + 6.17 = 240.69

feet and set 60 d. spike and 3x3x60"

plate (Braced) for limps Cor to

13-18-19-24 - 138-28-29 R7 line

New B.T.S. is @ 8° J compass

Poplar 7° N 33° E 30.40 Feet

" 7 N 31° 30' W 67.40 "

" 6 S. 81° 30' W 38.80 "

" 5 S 30° 30' E 40.30 "

(U.S. notes call for W. (138-28)

WP 20 N 52° E 20 LKS = 13.20 Feet

Fir 11 S 32 E 7 " = 4.62

WP 14 S 78 W 36 " = 23.76

Maple 8 N 32½ W 31 " = 20.46

All appear to be gone and we call  
this "temporary" until IMS are set next  
Spring.

 5ZMS set by JW Curo  
Oct 21-1924 @ 45° 40' out

Bringing our transit line  
up from the East at 21.054 West  
of Sta "0" this cor sets 178.40 West  
and 56° North. At Hub 21.054. W  
we drive a 60 d spike and mark  
John W. Curo



Jan 16-1918 Curo

① 138-28-29  
R<sub>7</sub> L<sub>in</sub>

35

distance on a 3" pop line 1 foot W.

$$Ht 21054 + 178.40 = 21.232^{40}$$

West of Sta "O" the SW Cor of Sec 18 sets  
N 56° 10' feet. I run from the corner 56° 10'  
ft South with a Guley compass @ 8°  
to make the intersection which is  
"Close enough."

Then walking half a mile South. @ 12.957.40s

$$\text{We run N } 57^{\circ} 27' \text{ W } 175.89 + 6.17 =$$

182.06 Feet where I set a 60 d spike

+ 3x3x60" stake (braced) for limp 1/4

Cor bet 19 and 24-138-28 29 New BTs Vig

Buck 3 N 55° 30' E 52.00 Feet

" 2 N 37° 30' W 16.60 "

U.S. mail call for "Y" 138-28

Aspen 8 S 85 E 15 LKS = 9.90 Feet

" 10 West 18 " = 11.88 "

all appear to be gone.

Ht 15.548.88 S we run N 57° 27' W

$$117.26 + 6.17 = 123.43 \text{ feet where I set}$$

a 60 d spike and 3x3x60" stake (braced)  
for the limp cor to Sec 19-24-25-30

138-28-29 where U.S. mail call "Y"

N. Oak 10 N 45 E 18 LKS = 11.88 Feet

John W Curo

5 ZMS @ 45° 40' 0" W  
K set by Curo Oct 20-1924  
1924  
13 Y Curo  
5 ZMS Oct 15



36

(12)

138-28-29

R<sub>9</sub> Line

Jan 16-1918 Cont.

W. Birch 12 N 39 W 26 Lks = 17.16

Bk Oak 6 S 49 E 27 " = 17.82 Feet

Fir 6 S 48 W 31 " = 20.46

There appear to be gone but will look  
again next Spring when I set I.M.S.

We mark New BTS Vig

Pop 4 N 18°30' E 15.10 Feet

Birch 2 N 29° W 25.90 "

" 3 S 61°30' W 19.70 "

" 2 1/2 S 66° E 7.90 "

Compare  
e 8°

5 I.M.S. Set  
Oct 15-1924  
45°40' out  
Cure

Ht 18.140. <sup>36</sup> S. we run N 57° 27' W

58.63 + 6.17 = 64.80 Feet when

we set a 60 lb spike and 3x3x60" plate (braced) for limps 1/4 cor. bet

25 and 30-138-28-29 R<sub>9</sub> Line

New BTS Vig

Oak 5 N 63° E 78.00 Feet

" 6 N 44° W 84.80 "

Compare  
e 8°

U.S. notes call for: "Not Given"

Start for home in heavy snow storm  
which lasts only a short time & sun comes  
out. Cold. Left home @ 5 P.M.

Note: Time at Board Sheet P<sub>9</sub> 153 Book 5.

John W. Curo

5 I.M.S. Set Oct 16-1924



⑬ 138-28  
Tomahy Twp  
Crow Wing Co Minn

37

Jan 17-1918 Thursday

Harold Carr Länrit & ch Guley  
Länrit double Can Hubs 200' chi steel  
läps + P.B. Lyman Hardy & ch  
work in a crew by themselves and continuing  
East. Random Bet

35 and 2-137-138-28 Run to

2800 set Hub Walkin for dinner etc.

Harr and Länrit takes me to  
Killin's to Länrit Get James W Killin  
to help

Killin Begins @ Sta 0.0. and drives a  
20¢ spike 1/2 inch West of every stake and  
back shot which are all set on line with  
Länrit from Sta 0.0. one mile East  
Bet 11 and 14 T. Cor of 11-12-13-14-138-28

At 2631.4 E on random

Harr & I use Guley compass and  
run South @ 8° 57.43 feet where we  
set a 60¢ spike and 3x3x60" stake  
(braced) for the line 1/4 cor bet 11 & 14  
138-28 with new BTS using 8°

Turn 10° S 0° 30' W 47.10 FT (old BTS  
" 12° N 40° E 38.50 " zone

US BTS gone. For Correction See P. 158  
Book 5.

John W Carr



Jan 17-1918 Cont'd

P.M.

Killin drove a 20' spike  $\frac{1}{2}$  mile south of each stake from 5400 N. a mile North but Secs 10 and 11-138-28 These can be used any time in the next few years for correction purposes as all stakes were set on line random with limit.

Ht 7877.82 N, Ham and S. Chain  
East 1.65 ft and set 60' spike and  
3x3x60" stake (broced) for line  $\frac{1}{4}$  Cor  
Bet 10-11-138-28 New BTs Vg. 80  
Pap 3 S 72 W 43.40 } old BTs gone  
" 3 S 58 E 81.50 }

For Correction See Pg 134 Bk 5

We get home about 3-P.M. and I figure  
correction & write records.

6. below at noon blushing - NW wind cold

Time Sheet on Pg 153 Bk 5

Albert Wingate was rich and  
one of Ruds nearest neighbors - my  
mother a fine woman. Geo Kalbach  
Oskaloosa Ia owns 138-28 NE  $\frac{1}{4}$  and  
E  $\frac{1}{2}$  NW  $\frac{1}{4}$  Sec 16 = 240 acres

Jahm W. Carr



(15) 138-28  
137-28

89

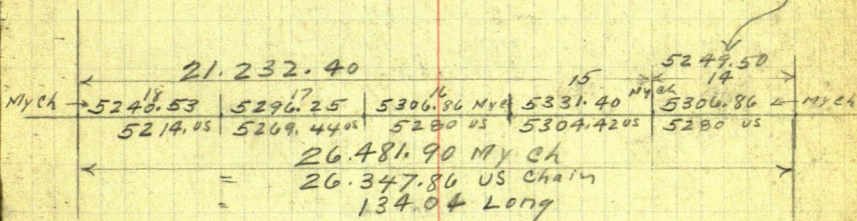
Trinity Twp & Co.

Jan 18-1918 Friday

Harold Huns and Lyman H. continue  
chain line East on S. side of 35-138-28

I stay in and figure corrections

See Pg 101  
Book 5



$$26.347.86 \text{ into } 134.04 = .005087 (.51')$$

$$\text{Bet } 14^{\text{th}} \text{ \& } 23 = 5280.00 \text{ US} + 26.86 = 5306.86 \text{ My ch}$$

$$\text{Bet } 15^{\text{th}} \text{ \& } 22 = 5304.42 \text{ US} + 26.98 = 5331.40 \text{ My ch}$$

$$\text{Bet } 16^{\text{th}} \text{ \& } 21 = 5280.00 \text{ US} + 26.86 = 5306.86 \text{ My ch}$$

$$\text{Bet } 17^{\text{th}} \text{ \& } 20 = 5269.44 \text{ US} + 26.81 = 5296.25 \text{ My ch}$$

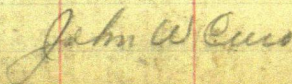
$$\text{Bet } 18^{\text{th}} \text{ \& } 19 = 5214.00 \text{ US} + 26.53 = 5240.53 \text{ My ch}$$

John W. Curo



16

Jan 18-1918





Jan 18-1918 Corrections

Between 14 and 23-138-28:

5306.86 in ch 38.79

= .00731 S For Each

Foot E Plus

18.71

See Cor

57.36

5249.50

5306.86 my chem

18.71

38.79

Stake Mkd E

200. E = 257.36 E " S. 1.88 + 18.71 = 20.59 S

400 " = 457.36 E " S. 3.34 + 18.71 = 22.05 S

600 " = 657.36 " " S. 4.80 + 18.71 = 23.51 S

800 " = 857.36 " " S. 6.26 + 18.71 = 24.97 S

1000 " = 1057.36 " " S. 7.31 + 18.71 = 26.02 S

1200 " = 1257.36 " " S. 8.77 + 18.71 = 27.48 S

1269.35 E = 1326.71 E of Sec On 4 goes

S. 9.70 + 18.71 = 28.41 Ft. N.W. 1/4 cor

Bet 14 and 23-138-28

1600. E = 1657.36 E " S. 12.11 + 18.71 = 30.82 S

1800 " = 1857.36 " " S. 13.57 + 18.71 = 32.28 S

2000 " = 2057.36 " " S. 15.03 + 18.71 = 33.74 S

2200 " = 2257.36 " " S. 16.49 + 18.71 = 35.20 S

2400 " = 2457.36 " " S. 17.95 + 18.71 = 36.66 S

2596.97 E is 2653.43 E of Sec On 4 goes V

S. 19.40 + 18.71 = 38.11 Ft. T. 1/4 cor V

Bet 14 and 23-138-28 V

Stake Mkd

2800 E = 2857.36 E " S. 20.47 + 18.71 = 39.18 S

3000 E = 3057.36 " " S. 21.93 + 18.71 = 40.64 S

Note Mistake in ch Pg 101. Bk 5.

3200 E = 3257.36 E " S. 25.27 + 18.71 = 43.98 S

3400 E = 3457.36 " " S. 26.73 + 18.71 = 45.44 S

Stake Mkd

3722.28 E is 3980.14 E of Sec On 4 goes S

29.10 + 18.71 = 47.81 Ft. E 1/4

Bet 14 and 23-138-28

Stake Mkd

3800 E is 4057.36 E " S. 29.66 + 18.71 = 48.37 S

4000 E " 4257.36 E " S. 31.12 " " = 49.83 S

4200 E " 4457.36 E " S. 32.58 + " " = 51.29 S

4400 E " 4657.36 E " S. 34.04 + " " = 52.75 S

4600 E " 4857.36 E " S. 35.50 + " " = 54.21 S

4800 E " 5057.36 E " S. 36.96 + " " = 55.67 S

5049.50 E is 5306.86 E of Sec On 4 goes S.

38.79 + 18.71 = 57.50 Ft. cor of Sec

13-14-23-28-138-28.

John W. Cress



Jan 18-1918

Correcting

Between 14 and 15- 138-28

5204.35 into 49.67 = .009435

of a foot W for each ft S + 7.69 W

Stk MK4

5245.65	N	is	0.0 S	and goes	West	7.69 + 0.0 = To Sec Cor
50 00	N	"	245 S	"	"	W 7.69 + 2.31 = 10.00 W
✓ 48 00	N	"	445 S	"	"	W 7.69 + 4.20 = 11.89 "
46 00	N	"	645 S	"	"	W 7.69 + 6.09 = 13.78 "
44 00	N	"	845 S	"	"	W 7.69 + 7.98 = 15.67 W
✓ 42 00	N	"	1045 S	"	"	W 7.69 + 9.87 = 17.56 W
40 00	N	"	1245 S	"	"	W 7.69 + 11.76 = 19.45 "

3929.56 N " 1316.09 S " W 7.69 + 12.42 = 20.11  
W.T. N. 1/16 Cor Bet Secs

14 and 15- 138-28

3800	N	is	1445.65 S	goes	W	7.69 + 13.65 = 21.34 W
✓ 3600	N	"	1645.65 S	"	W	7.69 + 15.54 = 23.23 "
3400	N	"	1845.65 S	"	W	7.69 + 17.43 = 25.12 W
3200	N	"	2045.65 S	"	W	7.69 + 19.32 = 27.01 "
✓ 3000	N	"	2245.65 S	"	W	7.69 + 21.21 = 28.90 "
2800	N	"	2445.65 S	"	W	7.69 + 23.10 = 30.79 W

✓ 2613.47 N is 2632.18 S of Sec Cor and goes  
West 24.84 + 7.69 = 32.53 W 1/16

1/4 Cor Bet 14 and 15- 138-28

2600	N	is	2645.65 S	goes	W	7.69 + 24.97 = 32.66 W
✓ 2400	N	is	2845.65 S	"	W	7.69 + 26.86 = 34.55 W
2200	N	"	3045.65 S	"	W	7.69 + 28.75 = 36.44 W
2000	N	"	3245.65 S	"	W	7.69 + 30.64 = 38.33 W
✓ 1800	N	"	3445.65 S	"	W	7.69 + 32.53 = 40.22 W
1600	N	"	3645.65 S	"	W	7.69 + 34.42 = 42.11 W
1400	N	is	3845.65 S	"	W	7.69 + 36.31 = 44.00 W

1297.38 N is 3948.27 South

of Sec and goes West 37.26 To S 1/16

Bet 14 and 15- 138-28

Stk MK4						
✓ 1200	N	is	4045.65 S	goes	W	7.69 + 38.17 = 45.86 W
1000	N	"	4245.65 S	"	W	7.69 + 40.06 = 47.75 W
800	N	"	4445.65 S	"	W	7.69 + 41.95 = 49.64 W
✓ 600	N	"	4645.65 S	"	W	7.69 + 43.84 = 51.53 W
400	N	"	4845.65 S	"	W	7.69 + 45.73 = 53.42 W
200	N	"	5045.65 S	"	W	7.69 + 47.62 = 55.31 W

Note: Pts checked & how were  
checked over Jan 19-1918 See Page 41 and 42  
this Book.

John W. Curo



June 18-1918 cont'd

Hardd-Lyman + Huss Beg @ 2800  
Continue East Bet 2 + 35-

3167 E Hat 3647.90 E Hat

3760 E Hat on bank of White Fish Lake

Do not look for BTS.

Carry transit back to  
Hat o.o. Book right E on  
random and run

West Bet 3 + 134 - 137-138-28

@ 438.30 W. Hat 1097.80 W. Hat

2193.80 W. set Hat and Quit for  
night. I figure corrections  
at home all day.

Mr and Mrs Hardy - Mr + Mrs Resler  
come over to Huss's and spend  
evening

Note: Time Sheet on Pg 153

Book 5.

Note: 60 # spikes drove every 200 ft.  
at stakes set with transit and 200  
foot steel tape

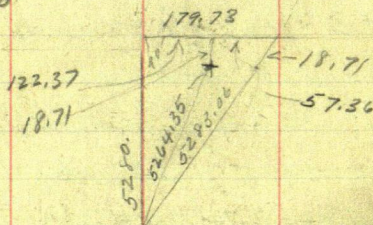
John W. Cunn



Jan 19-1918 Corrections  
 Bet 22-23-138-28

5264.35 into 122.37  
 $= .02324 = 1020'$

$1020'$   
 Sine = .02327  
 Cosine = .99973



At 0. which is 5283.06 N (Figure)  
 we run West on random 57.36 ft  
 then South 18.71 to a pt 5264.35 N  
 Set 60° spike and 3x3x60" stake  
 MK'd Sec Cor Set By Curro - Road  
 can Stakes all braced 3. braces  
 to hold them up as the ground is  
 frozen New BTs by 8" V. Gunley Compass

Poplar 7 N 56°30'E 88.20 Feet

> Birch 3 N 27°20'W 80.70 "

Poplar 5 S 64°30'W 42.80 "

" 6 S 68°20'E 72.10 "

Set at 4.P.M. Jan 19-1918 by Curro  
 and Harr

must be 14-15-22-23

Curro  
 May 15-1920

John W. Curro



Jan 19-1918

Correcting

Bet 22-23

At 5262.93 N. on random the Cor  
 to 22-23-26-27-138-28 sets East  
 122.37 @ 90° to random

At 3947.19 N the N  $\frac{1}{16}$  Cor Bet  
 sets East 91.78

At 2631.46 N the  $\frac{1}{4}$  Cor Bet } set this 1 ft  
 sets East 61.19 } further 3 on  
 } out of pen  
 } chain

At 1315.73 N the S  $\frac{1}{16}$  Cor Bet } set this  
 sets East 30.59 }  $\frac{1}{2}$  foot  
 } see p. 1

Corrections = .02325 E

300	N goes	E 6.97 $\checkmark$
600	"	E 13.95 $\checkmark$
900	N "	E 20.92 $\checkmark$
1200	N "	E 27.90
1500	N "	E 34.87
1800	N "	E 41.84
2100	N "	E 48.81 $\checkmark$
2400		55.79 $\checkmark$
2700		62.76
3000		69.75 $\checkmark$
3300		76.72 $\checkmark$
3600		83.69 $\checkmark$
3900		90.66 $\checkmark$
4200		97.65 $\checkmark$
4500		104.62 $\checkmark$
4800		111.59 $\checkmark$
5100		118.56 $\checkmark$

Corrected Sunday  
 Jan 20-1918 by  
 Cuss and Hurr.

John W Cuss



Jan 19-1918 Contd

Conceding bet 14<sup>th</sup> & 15<sup>th</sup>

At Stk Mkd

300 N	We Chain	W	54.37 <sup>1</sup>
600 "	"	"	51.53 <sup>1</sup>
900 "	"	"	48.70 <sup>1</sup>
1200 "	"	"	45.86 <sup>1</sup>
1500 "	"	"	43.05 <sup>1</sup>
1800 "	"	"	40.22 <sup>1</sup>
2100 "	"	"	37.39 <sup>1</sup>
2400 "	"	"	34.55 <sup>1</sup>
2700 "	"	"	31.73 <sup>1</sup>
3000 "	"	"	28.90 <sup>1</sup>
3300 "	"	"	26.06 <sup>1</sup>
3600 "	"	"	23.23 <sup>1</sup>
3900 "	"	"	20.40 <sup>1</sup>
4200 "	"	"	17.56 <sup>1</sup>
4500 "	"	"	14.73 <sup>1</sup>
4800 "	"	"	11.90 <sup>1</sup>

 set by Lyman Hardy and Harold J. Cress  
Jan 19-1918

John W. Cress



(23)

138-28  
Trinathy Tulp

47

Jan 19-1918 Saturday Bet 14-23

J N Huss and team Lyman Hardy  
Harold J Curo and I drive to Bagnins  
place and Lu team Lyman and I go  
a mile East on random bet 14 and 23  
138-28 Lyman drives a 20' spike at  
each 200. feet ch. stake for future  
use I go as far E. as  $\frac{1}{4}$  cor and  
@ 2596.07 E. W. chain South 38.11  
ft and drive 60' spike and set a  
3x3x60" stake (braced) for the line  
 $\frac{1}{4}$  cor bet 14 and 23 -138-28

New BTs viz all done with compass  
Birch 2" N 47°30' W 39.30 FT  
WP Stump 36 S 40° W 47.60 "

See Page 41- This book  
Placer marked thus "x" have been set  
Huss and Harold make stakes.  
PNT Bet 14-15

We all correct line bet Secs 14 and 15  
as given on Page 46. herewith

Note: I figured the correction by  
mistake for every 200 feet when the stakes  
were set every 300 ". See Page 42  
and 46. This book. at each place  
checked "x" we set a 20' spike (Pg 46)  
J N Huss



48 Jan 19-1918 cont'd

(24)

138-28  
Trimally Turp

and lall slake braced

Hurr and I re-chain the entire mile  
and find that each '300 ft' is 300.50  
feet as my chain man last Fall  
evidently threw in the 6" 'shoulder'  
.50 in each 300 feet would mean 8.50 feet  
North 1:1 slake 5400 N'

However I decide not to  
change the Section Corner and  
as this would not change the  
position of the  $\frac{1}{4}$  I put it in  
just as I have it figured on  
Page 42. of this book

At my "2613.47 N" I chain West  
32.53 ft and set 60 d spikes and  
3x3x60" slake (Braced) for line

$\frac{1}{4}$  Cor Bet 14-15-138-28

New B.T.S. Compass @ 8° viz

Pap 4N 53° 30' E 33.00 feet

Pap 4N 52 W 47.00 "

Get home about 5 P.M.

Time Sheet On Pg 153. Bk 5

John W. Curo



Jan 20-1918 Sunday

Hess and team takes me to his  
Hardy's "40" to team then check chain the  
mile N. bet 22-23-138-28 as my rear-  
chainman evidently threw in the 6"  
shoulder at every chain (300 ft. ch)

Bet 22-23

### Check Chain North

ST <sup>4</sup>						
0 To 300	is 6"	Long	300 To 600	OK		
600 "	900 "	"	1500 "	1800 "	"	
900 "	1200 "	"	2100 "	2400 "	"	
1200 "	1500 "	"	2700 "	3000 "	"	
1800 "	2100 "	"	3000 "	3300 "	"	
2400 "	2700 "	"	3300 "	3600 "	"	
3600 "	3900 "	"	4200 "	4500 "	"	
3900 "	4200 "	"	4500 "	4800 "	"	
			4800 "	5100 "	"	
			5100 "	5200 "	"	

This shows that my original measurement  
of 5264.35 feet Bet 22 and 23 is  
4 feet long or 5268.35 feet and 3 feet of  
this overlength is in the South half  
mile so I go ahead and set my 1/4  
corner just as I have it figured on  
Page 45. and then set it 1 foot  
South. at every 300 foot stake we  
find a hub from which I chain to  
and set a 20 lb spike and brace a  
lath stake marked "Road Cen - See Line"  
at every correction as indicated  
John W. Curo



50 Jan 20-1918 cont'd

by a check mark "r" thus on page  
45 At stake marked 2700 N.

S chain South 68.54 + 1. foot = 69.54

S. Thence East 90° to random (8°30'0')

61.19 feet Set 60<sup>d</sup> spike and 3X3X 60'

slate for line

1/4 Cor Bet 22-23

T 138-28 New BTs Vig. Comp. @ 8° S

Birch 2" S 52° W 40.00 FT

Oak 4" S 72° E 37.80 "

At 1315.73 N. S chain South 1/2 foot  
then East 30.59 Feet (See Pg 45)

and set S 1/16 Cor bet 22-23-138-28

60<sup>d</sup> spike and 3X3X 60" slate brace

Start a line West and chop off

top of 2" W 13 to mark random line

West for Geo Hardy on N side of his 40'  
run W 8° S.

Get thro at 3 PM. and drive to

Char Michels & get Road book.

Herald & Lyman Continue S. line of 34 West

@ 2984 L. bk of creek @ 3005.50 Hub

3039 W. R. bk of creek 1 43.75 W out Lake

4800 spike in ice 5375 W to lake

Herald - Lyman & myself in @ 5:15 PM

John W. Carr



Jan 21-1918 Monday

Hurry and learn later Geo Hardy  
and I to con of 17-18-19-20-138-28  
Hegels a load of hay and driver back  
home Hardy and I eat lunch then  
to hold the line we haul run West  
we chain 8.13 ft E of stak 16.000 W  
and @ 15.991.87 W I drive 60 d  
spike with BTS viz Companion @ 8° d  
Paplar 7N 49° 30' E 22.70 Feet  
" 4 S 34° E 32.70 "

This fixes the position of the con  
as to East and West but Not  
N & S. for con to 17-18-19-20-138-28

We then walk a mile East to  
10.600. W where I chain West 95.62  
to 10.695.62 West drive 60 d  
spike which fixes the position  
as to East and West but Not  
N & S @ Con to 16-17-20-21-138-28

Bts viz 8° d Companion

Rich 3 S 46° E 29.30 Feet

" 3 N 24° E 87.10 "

From here a mile East we drive  
20 d spike on East side of all  
John W Cross



52 Jan 21-1918 Cont'd

(28)

138-28  
Timothy Turk

200 foot stakes to line up cor of  
15-16-21-22, 138-28 and @ 5400 W  
I chain E 11.24 ft to 5388.76 W  
where I drive 60¢ spike and BTS viz 80  
Pap 4 S 43° E 107.40 Feet  
" 6 N 57° 45' E 105.90 "

which fixes the position of this  
corner as to E & W but N & S.

We then walk the third  
mile East bet 15 and 22 and  
drive 20¢ spike at each 200 ft  
stake. All stakes having been  
set with the transit 1/2 ft to of  
our original staking point line.

See page - Book 5.

Harr goes home with  
his boy - eats his dinner - changes  
sleds and with his team meets  
Hardy and I at cor to 14-15-22-23  
and takes us home to Harr's  
where we arrive @ 3- P.M.

Mr Harr - Mr Cues and Reed  
Come with Mr Harr to get us.

Harold and Lyman finish  
line West Bet 34 and 3. Bet  
John W. Cues

See pg 39 Book 6 and Pg 101 Book 5



Jan 21-1918 could (29) 138-28 Timothy Twp 53

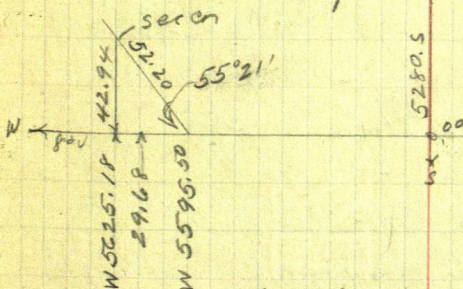
T 137-28 and 138-28

At 5595.50 West corner sets  
N 34° 39' W or 55° 21' R. 52.20 ft  
55° 21'

$$\text{Sine} = .82204 \times 52.20 = 42.94 \text{ N.}$$

$$\text{Cosine} = .56856 \times 52.20 = 29.68 \text{ W}$$

At 5595.50 plus 29.68 W =  
5625.18 West of '0.0.' the corner sets  
North 42.94 feet



At this point being corner to  
33-34 - 3 and 4 - 137-138 R 28

US notes call for 'Q' 138-28

WP 18 N 47° E 59 Lks = 38.94 Feet

WP 12 N 33° 45' W 81" = 53.46 "

YP 16 S 36° 15' E 84 " = 55.44 "

W. Birch 10 S 75° W 39" = 25.74 "

Lyman Hardy finds the SE  
stump very old and very plainly  
marked "BT" from which Harold  
Carr sets the point for line corner  
John W Carr



54 Jan 21-1918 Cont'd (30) 138-28  
Timothy Turp

@ 8° S chd from fore of 'BT' mark  
set with the survey transit after  
which the old was stumps checked  
perfect. they also find the old  
dead & down NE line which is a  
foot too close but they 'dismiss' this  
as it lies in the edge of Maud  
Lake and may have been washed  
or rolled by the waves of water.

I get there at 4 P.M. check their  
corner - find it perfect and mark new BTs  
viz 8° S or set with survey compass

Pop 9 N 42° 30' W 4.10 feet

Brick 4 S 8° 30' W 11.40 "

Corner is 60° spike & 4x4x80" ash stake  
braced up. We look for 1/4 cor

half a mile E bet 3<sup>rd</sup> & 34 - 137-138-28  
MS notes say "p" 138-28

Spruce 12" North 6 Lks = 396 feet

Tam 6 South 7 Lks = 4.63 feet

Bath are gone on acct of U.S. overflow

Quit for night.

Time Sheet Pg 153. Bk 5.

John W. Cress



Jan 22-1918 Tuesday

Hass-Lyman-Harald and I  
ride East to the School House  
with Valk and Ressler Then walk half  
a mile South to Oscar Peterson's  
who lives a few feet SW of Co 11  
25-26-35-36. 138-28

when US nation call for

Hard Pine 10" N 35° E 24 Lks =	15.84 FT
NP 8" N 60° W 31 Lks =	20.46 "
NP 9" S 72° E 24 " =	15.84 "
NP 12" S 36° W 51 " =	33.66 "

Oscar Peterson shows me  
the SE line - dead but plainly  
marked and the stump of the NE  
line plainly marked "BT" and a square  
4 x 4 x 40" stake set by Lew

Garrison By flat chain from  
face of the "BT" marker I set a  
60" spike for the line corner

Mk. New BT. as follows

Paplar 3" N 11° W 12.90 Feet  
line at 8° S Old B.T.S. Main  
S 59° 30' E and N 35° E

• Peterson joins our crew and  
we run South 8° 15' S

John W. Curo



56 Jan 22-1918 cont (32)

138-28  
Timothy Tarps

South Bet 35 and 36- 138-28 U 8°15'

@ 200-<sup>in poplars</sup> 400-600-800-1000 about 1100 S

enter low land: @ 1312

old grade runs E and W @ 1490 L & low  
land - enter Jack Pine 1948.80 drive 20<sup>d</sup>  
spike on hill in scrub JP @ 2279  
set 20<sup>d</sup> spike Hub on lower hill

2640. S. set 20<sup>d</sup> spike in low run  
for limps 1/4 cor bet 35-36-138-28  
where U.S. natter call for O.T.F. @ 1

W. B. int 6 S 45° E 38 LKS = 25.08 FT

WP. 12° S 85° W 109 " = 71.94 "

All are burned - continue South

Thence up sharp hill:

3056. 60 <sup>spike</sup> Hub on hill: 3849.10 a 20<sup>d</sup> spike-hill

4689.00 spike on bank of Trout Lake  
about 4702 edge of bank.

Snow is deep but this appears  
to be a mis shoe - about 4 ft  
above water. Quit for night

John W. Carr



Jan 23-1918 Wed

Huss went after boy: Harald and  
I walk to M.C. No 2. Bet 35 and 36  
138-28 where U.S. males call for

NP 20 N 38° E 73 = 48.18 Ft ok

<sup>NP 20</sup>  
WP 2 N 73 W 75 = 49.50 " good

We find the stump of the NE Pine  
No "BT" mark but the "spot" is  
there showing score marks of axe  
and I told the crew last evening  
that this was probably the  
old "BT" which it is

With transit at 8' on Harald  
I set point for line MC No 2. chd from  
face of stump and with compass like  
bearing to New BT.

NP 10 N 56° 30' W 53.60 Feet

I set no spike as snow drift is  
deep and this corner falls on the beach  
10 feet south of sea wall showing  
that the shore has probably washed  
away.

At Hat 4689.00 S. MC No 2.  
bear S 63° 28' W 94.50 Feet  
63° 28'

Sine - .89467 x 94.50 = 84.55 W  
Cosine - 44672 x 94.50 = 42.22 S







57

Handwritten calculations on lined paper:

Top line: 1327.07

Second line: 2654.15

Third line: 5308.30

Bottom line: 10616.61



Jan 23-1918 cont Lyman Hardy and Oscar

Peterson begin @ Cor 15 25-26-35-36-  
138-28 and cut a picket line a mile

West to Cor 26-27-34-35. 138-28

The first half mile is open and they  
follow Peterson's fence the first half  
mile - get there at noon

P.M.

Harold and I stay in and figure correction  
get home late for dinner and Harold  
eats dinner with Harr

Lyman and Harr make a plumb-bob  
out of line and a bolt - walk a mile  
East. get my 100 foot chain and chain  
West. Ret 26-35-138-28

Harr's notes read: at 26 40.1/2 Cor of  
Peterson's fence - runs N-S-E

@ 3743 W. Cor of 10 ft creek runs S.

@ 5070.70 W. the Cor to 26-27-34-35

sets North 20.90 feet.

Note: US. Nails 1/4 bat 26-35-138-28  
E on random 10° 1/4 E 7925 Cor Weston line in  
3962 at 1/4 WP 10 N 5° E 15  
YPIOS 2° W 21.

John W. Curr



(37)

138-28

61

137-28

Trinathay Twp

Jan 24-1918 Thur

Hurr and Lyman Hardy go after  
hoy: Harold and I figure correct-  
ions till 9. a.m. then go look for B.T.S.

To correct line Bet 35-36.

2640 goes North 5.28 To 2634.725  
then West 46.<sup>99</sup> feet To  $\frac{1}{4}$  Cor <sup>see pg 63</sup>

On .01783. of a foot West for each  
foot South

As all stakes were set in line  
with transit

200	S	gates	W
400	S	"	"
600	S	"	"
800	S	"	"
1000	S	"	"
1200	S	"	W
1400	S	"	W

1317<sup>36</sup> S. goes West 23.50 To  
N.  $\frac{1}{16}$  Bet 35 and 36 - 138-28

1600	S	gates	W
1800			"
1948.80	"		W
2000	S		W
2200	S		"
2279.3	"		W
2400	S		W
2600	S		"
2800	"		"
3056.60	"		W
3200	S		W
3400	S		W
3600	"		"
3849.10	S		W

6249  
6000  
249



62

(38)

138-28

Trinity Turp

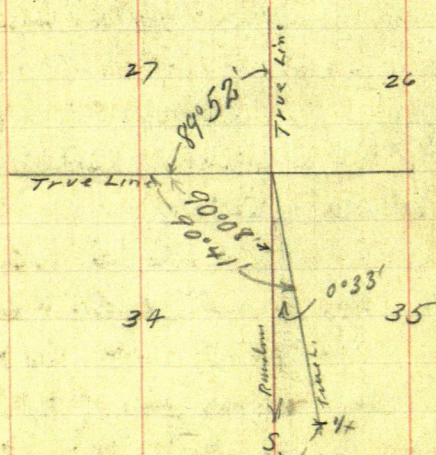
Jan 24-1918 Cont'd

To correct Bet 35-36-138-28

3952.08 S gaer West 70.47 To  
S 1/16 Bet 35-36-138-28

We First take the angle  
of the NW angle of the line lines  
on S. side and E side of Sec 27 viz  
At Cor. to 26-27-34-35-138-28  
NW angle line lines reads  $89^{\circ}52'$   
to one stake North and  $89^{\circ}53'$  to  
another stake North

SW angle reads  $90^{\circ}08'$  taken  
with line N body of sec 34. with  
the random running South



We then walk East on picket line bet  
26 and 35-138-28. Picket appears to  
have their fence corner about 100 feet  
from corner



Jan 24-1918 contd (39) 138-28 63  
Trinity Turp

West At  $\frac{1}{4}$  Bet 26-<sup>35</sup>34-138-28 US  
nails call for "M To U @ 2."

WP10 N 5° E 15 LKS = 9.90 Feet

YP10 S 2° W 21 " = 13.86 "

We find the tall stump of the NE  
tree well marked but as no one seems  
to have ever saw this we do not stop

Pelersons fence corner is at least 100 ft  
West. We walk to Random line

South bet 35-36

Begin at 800 South and drive 20° spike  
at each stake South

At 2634.72 S. we run West 46.99  
(47) feet and set 60° spike and tall  
braced 2x2 stake for line  $\frac{1}{4}$  Cor bet  
35-36-138-28 New BTS Uij 8°

NP 7° S 36° 15' E 51.00 Feet } with compass  
JP10 S 65° W 58.00 " } to flat spot.

We then walk South along line  
to Trout Lake & set spikes & nails at  
each random stake Drive a 20°  
spike in sand beach for M.C. N° 2

look again for M.C. N° 3.

YP18 N 22° E 310 LKS = 204.60

WB 8 S 76° W 215 " = 141.90

all are gone. We walk west to  
John W. Curio



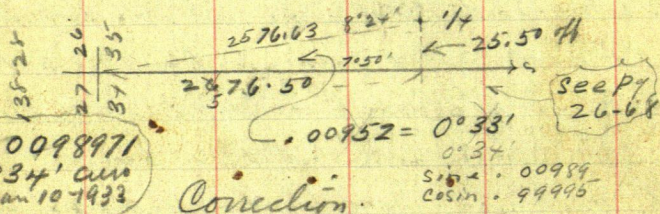
64

Jan 24-1918 Contd

(40)

138-28  
Trimbley Twp $\frac{1}{4}$  Cor Bet 2 and 35-137-138-28 (0")WP 24 S 59  $\frac{1}{2}$  W 60 LKs 39.60 FeetDry WP 18 N 30  $\frac{1}{2}$  W 168.11 110.88

All are gone and we walk home for  
 dinner. Harold goes to Harveys for dinner  
 Mr & Mrs Freeman are at Harv's



Correction

Bet 34-35-138-28

✓ → 00952 of a foot E for each ft S.

✓ 200 S goes E 1.90 Ft 198

✓ 400 S " E 3.81 " 396

✓ 600 S " E 5.71 " 594

✓ 800 S " E 7.62 " 792

✓ 1000 S " E 9.52 " 990

✓ 1200 S " E 11.42 " 1188

1288.25 S goes East 12.75 T.

N 1/4 Bet 34 and 35-138-28

✓ 1400 S goes E 13.33 1386

✓ 1600 S " E 15.23 1584

✓ Hub 1850.50 S " E 17.62 1831

✓ 2000 S " E 19.04 1979

✓ Hub 2254.50 S " E 21.47 2231

John W. Curs

Curs

Jan 10-1933

OK

Corrected

Jan 10

1933

Curs



Jan 24-1918

41

138-28  
Trumbull Twp  
137-28

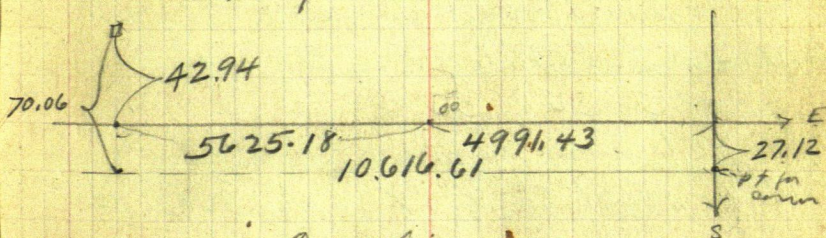
65

To locate SE cor of Sec 35 on ice. This would be 538.56 ft US Chain South of MC N=2 but as the land is short 10.22 or .0021555 of a foot

538.56 would be short 1.16 and = 537.40 added to 4731.22 = 5268.62. All figured via Random.

Note: Top of page 58 this book is figured via line line.

Our intersection of line from the West on ice would fall 27.12 ft North of pt for corner.



Correction

= .0066 of a foot N for each foot West of SE cor of Sec 35 - plus 27.12 ft S  
.0066 = 0°23'

For plat. see page 59.

Correcting Twp line

But 137-28 - 138-28

See page 66.

John W. Cline



66

Jan 24-1916 cont'd

(42)

137-138-28

Timothy Twp

Correcting 2 and 35 = 00066

SHK MK'd

3664.36 E. is 1327.07 W of SE Cor of 35 and

gave N 8.76 minus 27.12 = 18.36 South

To E  $\frac{1}{4}$  Cor Bet Secs 35 and 2-

137-138-28 Went spike + stake (braced)

New BTS Uig Compas @ 8° V

N Pine 14 N 40° 30' E 68.10 Feet

Birch 5 S 60° W 36.70 "

At stake MK'd 2337.28 E. In 2654.15

West and gave North 17.52 minus 27.12

= 9.60 South To  $\frac{1}{4}$  Cor bet 2 and 35

137-138-28

New BTS Uig Compas @ 8° V

WP 14 N 3° E 61.60 Feet

JP 8 S 58° 30' W 57.30 "

Stake driven no braces (shike)

Stake Marked 316.87 W is 5308.30

West and gave North 35.03 minus

27.12 = 7.91 North to Cor to Sec

34-35-3 and 2- Bet Twp

137-28 and 138-28

New

Pop 6 N 64° E 41.70 Feet

NP 6 N 47° 40' W 55.30 "

NP 8 S 57° W 110.80 "

Pop 6 S 38° E 119.30 "

John W. Quinn



Jan 24-1918 cont'd

(43)

138-28  
138-27  
Twp Line

67

Stake marked

2971.02  $\text{vr}$  is 7962.45 west and  
goes North 52.55 minus 27.12 =  
25.43<sup>N</sup> To  $\frac{1}{4}$  Cn Bet

34<sup>nd</sup> 3-137-138-R 28

New BTS viz

Dead Tann 15°S 62°E 168.70 FT

Tann Stub 8 N 6°30' W 162.30

Noli post in ice in river  
P.M.

Harvey stays in on acct of Company Wm<sup>rd</sup> Wm  
Freeman - I stay in and figure above  
corrections. Harold and Lyman go out  
and correct line S. bet 34-35 as for S on  
1600 checked  $\text{vr}$  on page 64, but did  
not put in the N  $\frac{1}{4}$ .

Note: Time Sheet on Pg 153 Bk 5

I set up till 10 P.M. figuring above  
corrections

John W Curo



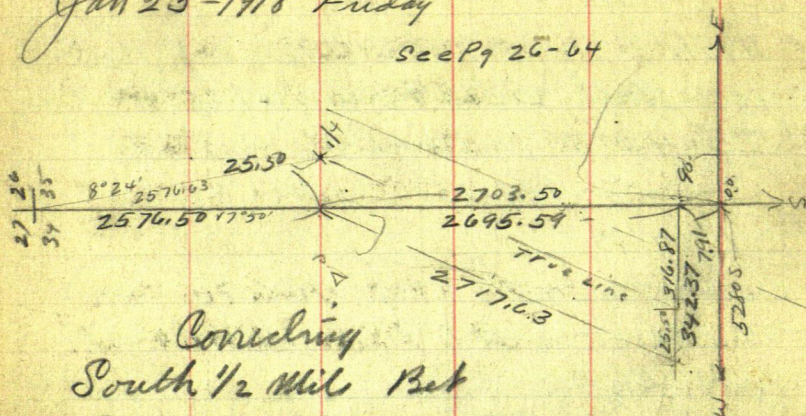
68

(44)

138-28  
Trimbley Twp.

Jan 25-1918 Friday

See Pg 26-64



Correcting

South  $\frac{1}{2}$  Mile Bet

34-35-138-28 =

2695.59 into 342.37 =

.12701 =  $7^{\circ} 18'$  $7^{\circ} 18'$  sine .12706 X

cosine .99189 X

Correction = .12701 of a foot West  
for each foot South minus 25.50  
Stake Mkd

- 12800 S is 223.50 S-W 28.39-25.5 = 2.89 W ✓
- 13000 S is 223.50 S goes W 53.79-25.5 = 28.29 W ✓
- 13200 S is 223.50 S " W 79.19-25.5 = 53.69 W ✓
- 3400 S is 223.50 S " W 104.59-25.5 = 79.09 W
- 13600 S is 223.50 S " W 129.99-25.5 = 104.49 W ✓
- 3800 S is 223.50 S " W 155.39-25.5 = 129.89
- 14000 S is 223.50 S " W 180.79-25.5 = 155.29 ✓
- 4200 S is 223.50 S " W 206.19-25.5 = 180.69



Jan 25-1918  
Cort

45

138-28  
Trimming Turps

69

Stk Mkd

- ✓ 4400 S is 1823.55 <sup>3</sup> W 231.59 - 25.5 = 206.09 ✓  
✓ 4600 S " 2023.5 " " W 257.00 - 25.5 = 231.50 ✓  
4800 S " 2223.5 " " W 282.40 - 25.5 = 256.90  
✓ 5000 S " 2423.5 " " W 307.80 - 25.5 = 282.30 ✓

Lyman Hardy and I work in one  
crew. Harald Curo and Huss in  
another:

Huss and Harald correct line bet  
34-35- and set spikes and till  
stakes braced to keep from pulling  
on acct of frozen ground - they  
set stakes at pts checked & there  
See page 64-68 and 69. this book.

Lyman and I drive spikes in  
frozen ground and brace square stakes  
at E 1/4 - and 1/4 bet 35 and 2- also  
Cor to 34-35- 2 and 3. also 1/4 bet  
34 and 3. on line bet 137-138  
R 27 as given on page 66-67.

We are unable to set a good  
1/4 Cor stake bet 34 and 3. as it  
comes on <sup>River</sup> river ice so we all walk  
back to 1/4 Cor bet 34-35-138-28  
where we mark new B.T.S. as follows  
John W. Curo



70

Jan 25-1918 <sup>cont'd</sup> (46) 138-28  
Trinity

NP105 58° W 77.40 feet

JP95 61°30' E 86.00 "

all set with compass @ 8° S

All get home late for dinner  
P.M.

We run the road angle thro SE  
Cor of Sec 27 - 138-28 viz

At 3900 E drive spike to  
hold line: Then chain 55. ft  
West and @ 3845. E drive 20<sup>th</sup>  
spike in line see line bet Secs  
27-34.

Thence following main Co road

- 1 N 46°09' E 678 FT = To S4 2
- 2 N 73°09' E 171 " " S4 3
- 3 N 41°03' E 352 " " " 4
- 4 N 8°55' W 352 " " " 5
- 5 N 34°00' E 214 " " " 6
- 6 N 54°33' E 250 " (At 188.60 Bridge Cor)
- 7 N 41°42' E 270 "
- 8 N 53°00' E 402 about intersect-  
ing Sec line N of SE cor 27  
figured

John W Cuss



Jun 26-1918 Saturday

Huss and I take the last three anglers. Lyman and Harold arrive just as we get there. 32° below zero

We get Ferdie Hooster's covered school wagon with stove in it. Huss and learn drive us home stop at Pine River and we all take dinner at Cronmells hotel. I pay for Huss dinner + dinner @ 35¢ 1.40 in charge for Reed.

P.M.

we do some loading. Huss then drives us home to the farm where we find Ilo and Harold. Alina begins kicking on the house raised hell generally

Alina - Harold - Ilo - Harold - Reed and I overnight on the farm

Huss gets in 1/2 day. on money and \$5. for taking us home to be fed by Timothy Trap  
Lyman 1/2 day. Harold + I full day

Time sheet on Page 153 - Book 5

Dinner for crew in Pine River \$1.05 to be chgd to Timothy

Spay Char Mitchell 1.25  
- fuel.



Jan 27-1918 Sunday

Harald gets mad and starts to leave I write him out a check \$15. then tear it up.

Harald decides to stay

Jan 28-1918 Alma leaves home for good" but I will not let her take Reed. She walks part way and goes with school bus to Pine River.

Harald goes to school - I go to Jenkins on 11-a.m train

I walk to Pine River - very cold  
Walk back home catch "Jay"

and Paul Hall Men with a load of dry wood from Alma's farm Geo Willis Jones saw them tear down the sign Harald and I put up yesterday named "Stay out - Cursed"

Arrive home about 12-30 Alma arrives a few minutes with Lillian Leam and Claud Ritchie as dinner she comes in asks if I will give up Reed without paper - I tell her NO. so she says she does not want to quarrel about it but will take him by force of law - and starts back for Pine River with Ritchie  
John W. Cus



Jan 28-1918 Monday - Cloud

I go to Blackburn call up E L Forbes who says she cannot take the child without an order from the court which will take several days.

Alma does not get back from Jenkins so I catch the school bus to Pmi River at 6-P.M. call up Forbes He calls me to his private house and tells me I cannot live with Alma and he can get me a divorce in 5 weeks. I find Alma at committs hotel where we get supper - I pay

70¢ Alma talks to Brewer about sale of her farm then Homer Andrews seems take us home very cold & H.

I pay 25¢ to Wicklunds Bay for taking me to Pmi River Alma pay Vick \$3 in full for two trips to the farm.

Note: I took in the Ford pump I borrowed a month ago and return it to U J Sower at Hotel. I got \$5. check cashed at the

Bank this morning. Alma does not want to start divorce proceedings.

John W. Cress



Jan 29 1918 Tuesday

I go to Pm River - Get my check cashed  
for \$5. get a sk for flour \$2.75 2 barrels bread  
catch school stage back home I go get-  
back and go along home - I pay Wicklund  
\$.50<sup>x</sup> for taking I and the flour out.

Alma - Flo - Gerald - Reed and I  
over night on the farm. This will  
probably be the last night we will  
ever all spend together on the farm  
or Alma says the kids Flo & Gerald  
must leave and that she has sold  
the farm and household things.

Of course I will not let her sell  
the things unless I want to - but ?



Jan 30 - 1918 Wed

Alb leaves on school bus - takes all his clothes in two grips. Harold accompanies her to Jenkins where she is to stay and go to school.

Harold leaves my Remington 12" automatic shot gun and come with Dwight

Alma and I are planning to go to California

Alma - Reed and I all day alone on the farm. Roy Blackburn comes about 11:30 A.M. Says "Do you know Mary Taylor". I say "yes". He says "well she just called and says for you to come to Minneapolis and to call her up". Blackburn says the call came thro Jenkins - that he could not hear well, and asked Central at Pine River if she was listening. Central said No.



Jan 31-1918 Thurs

Harald goes to school without breakfast  
or any lunch I give him 25¢ borrowed  
from Harald.

Monday Feb 18-1918

PM

Harald goes to Theo Peterson's  
gets his team. Alma - Reed  
+ I drive to Pine River. Peterson  
brings back his team We stay over  
night at Crommets hotel

Alma + Reed take the night  
team for Decorah Ia  
I go back to bed

Feb 19-1918. Alma is on her way to  
Iowa I go home to the farm



Feb 18-1918. Monday

As we are to survey a Township  
this sec 6-138-29 I walk to see  
John who is a trustee  
of Barclay Twp He is gone to  
Mildred I to word that the  
survey is to begin tomorrow

Harold and I are to board with  
Mr Sutton who owns NW 1/4 Sec  
18-138-29 and lives near S.W. cor of  
his land on Graded Co road N.S.  
He has a telephone.

Town Board are

Sherwood - <sup>SE 1/4</sup> sec 29	Chairman	Harold
Edward's - John <sup>NW cor sec 5</sup>	Trustee	Harold
Sutton - John <sup>which sec 18</sup> (to be re-elected)		Harold
Walton Clk	"	
	Thos	

Note I am entitled to one day coming  
from Great at Walker for material and will  
charge this day or more.



Feb 19-1918 Tuesday

Ho-Harold. Harold & I live on  
our farm in cor of SE 1/4 of sec 24-138-30Harold Cunn & I carry survey  
outfit 1 1/2 miles North to John  
Sutton's place. Arr @ 8.10 A.M.  
ready to go to work.Sutton & his team Lvs @ 8-30 and  
dinner us to Brown's house  
near N side of sec 7-138-29. We call up  
John Edwards who comes over to Brown's  
then we drive back to Edwards - and  
put in our team. Harold & I set  
Husley transit over IM @ NE cor  
Sec 6 - Running on to 5-6-31 and 32. Set  
T/38-139-Ry 29.We all make stakes till noon  
then eat our lunch at Edwards  
house.

P.M. run

West Bet 6<sup>th</sup> 31 Var 7.30'just South of center of graded E & W  
road. (E road graded 5 years ago  
but not leveled much)@ 100. stake: 184. L. Bank of Norway  
Brook @ 234 R Bank. River  
John W Cunn



Feb 19-1918  
could

(3) Barley Twp

6-31  
138-139-29

79

run South Bank 2' hi. Swift  
current. flat land East of the Sec Con  
Brook is 14" deep on E side and about 24"  
deep on West side. Edwards says.

Ice on bank - open water in channel  
We throw chain across. Solid  
bottom in Brook. Thence West along  
flat land. River bottom

@ 300 stake: Thence up long light  
slope 400-600-800-1000-1200 W. set  
stakes in snow-lined with transit

At 1268 W. Hub: @ 1400-1600-1800-  
2000-2200-2400-2600- W. set stakes  
not lined with transit

At  $\frac{1}{4}$  But Sec 6-<sup>24</sup>31- US males say,  
NP 12 South 4. LXS = 2.64 Feet  
NP 16 N 45 E 6 " = 3.96 "

I find two stumps not marked  
which I am sure is the B.T.S. but as  
Moultrie did not find them when he  
surveyed this line 6 years ago I  
will not use them

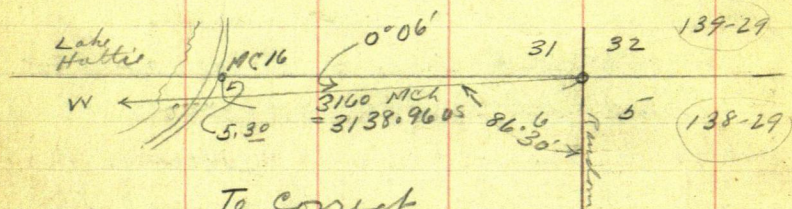
From the two stumps I set a hub  
for the line  $\frac{1}{4}$  corner but may not use it.  
At 2635.70 West, this hub lies North  
1.80 Feet at 2458 set hub. John W. Cress



(80) Feb 19-1918 <sup>(4)</sup> Barclay Tap. 6 and 31 138-139-29  
*continued*

thence down steep hill at 2750 slake  
@ 2950 slake: 3000 slake at 3160 W  
M.C. No 16. <sup>138-29</sup> sets North. 5.30 feet

This is a mighty close check on  
Bill Moulden's chain of this line  
when he made it 3159.25 five or six  
years ago.



To correct

3138.96 Ft U.S. chain = 3160.00 ft my ch  
= 21.04 ft longer than U.S. chain

3138.96 into 21.04 = .006702 W for  
each foot West

At 3160 W. the M.C. sets N 5.30 ft

3160. into 5.30 = .00167 N. for each ft West.  
.00167 = 0°06'

Hub 2640. W. goes 17.69 to 2657.69 W

Then North 4.44 ft to 1/4 Cor. Post

6 and 31 - T 138-139-28

Hub 1320. W goes W. 8.85 to 1328.85 W

Then North 2.22 ft to E 1/4 corner

John W. Carr



Feb 19-1918. Cont'd

⑤ 6<sup>th</sup> 131  
138-139-29

81

300 W. goes North	.50	of a foot
600 " " "	1.00	Foot
900 " " "	1.50	Foot
1200 " " "	2.00	"
1268 " " "	2.05	"

We walk half a mile East to I.M. @ N.E. Co  
Sec 6. Focus West on random Turn  
90° and look South Then turn 3° 30' R  
and run on 4° 00' or on random

South But Sec 5 and 6 - 138-29  
in inner bottom

@ 200 slake. @ 254 L. Rk Norway Brook  
10 ft East of small private wagon bridge  
@ 335. R bk of Brook Floor East  
@ 400-600 - set stakes and Quit for  
night. Drive home on 6<sup>00</sup> P.M.

Mrs Sutton furnished lunch for  
Harold and I today and we also get  
supper with Sutton. Then walk home  
to the farm. Very cold & windy. Will  
not work tomorrow

Harold Curs Transit - Double Can  
I & Edwards Chain P.B.  
Sutton a man.

Jahm W Curs



138-29  
Barclay Turp

Feb 20-1918 Wed

Very Cold - lay up -

Feb 21-1918 Thursday lay up

I go to Walker on P.M. train  
to get special notesHarold and I pay Farmers Bank  
of Pine River \$25. each = \$50. in full  
for money got for Gladys's operationI get \$25 from First State Bk of  
Pine RiverWhile at Walker I pay Est. Hall \$5.  
mileage. Get my Harley tourist  
from Horst. Let him keep my 100'   
chain for a while and return to  
Pine River on night train and  
walk home.Feb 21-1918 Edwards got in 8 Hours  
lying to pick up a crew

Est Natl Walker

on house figured

to March 9-1918

Principal \$129.35

Inst 29.92

\$159.27

I, Ed Walker Olson

\$5. partly an hour

+ partly n. 50. note?

even

John W Carr



Feb 22-1918 Friday

I stay home. Harold runs train in my place for Barclay Trup @ \$5. for 8 hours

Harold L's form and walks to John Suttons - at 8 am & L @ 8:10 am. they walk to the work

Harold train & ch double car & P.B.

Edwards ch & a Patton &

Edward Frost & Conlins &

South Bet 5<sup>th</sup> & 6. 138-29 road

@ 600 - stake @ 750 touch R Bank of Brook

800 stake on Ice 4 ft W of E. Bank

1000 stake nice near R. Bk L. river

thence up sharp hill

1180.90 Hub on South slope of hill

1200 - stake about 1300 enter train timber

1248.72 S Trup 1/16

Swamp lies N E T W @ 1400 stake

1600 - 1800 - stakes in train 1829.60 Hub

2000 - 2200 - 2400 - stakes in train

2558. Hub in train 2600 stake in train

about 2700 L. train

2568.72 Trup 1/4 Bet 5<sup>th</sup> & 6-138-29

US nalis call for S 1: B @ 6

Trup 5 N 27 E 90 LKS = 59.40 FT

Trup 8 N 80 W 28 " = 18.48 "

Dinner and supper with Sutton, then walk home  
Harold Jones



Feb 23-1918 Saturday

We lay off at the request of Sutton  
and Edwards warm day

Feb 24-1918 Sunday

On the farm warm day

Feb 25-1918 Monday

Start to work but storm keeps  
Harold & I home. Clear off about noon

Harold comes from school  
with two letters from Alma saying  
she will be @ Pine River "Monday morn"  
tonight. Harold goes and arranges  
for Theo Petersons team to be  
harnessed for me at midnight  
I clean house till midnight  
then walk to Petersons hitch up  
and drive to Pine River

John W. Cunn



(9)

138-29

Barclay Twp

Roads

85

Feb 26-1918 Tuesday

I am P.R. with team @ 1-30 +  
 in the morning. Meet Alma & Reed  
 on the 2-12 am train from St Paul  
 and we drive home & at 3.30 am.  
 wake up Harold and he takes  
 the team back to Peterson  
 returns home. and leaves for  
 Sutton's @ 7-00 and arrives 7.45 AM.  
 Lv Suttons @ 7.50 AM. with John  
 Sutton & team. Continue 04°

South Bet Sec 5<sup>th</sup> & 6-138-29

Harold J. Curo. Gurley Transit  
 & Ch. Old Cen hub & P.B. Ch 200' Ch

John Edwards Ch & a Sutton  
 helped Edwards chain across ice

About 2700 S. Lv farm enter hay land  
 @ 2860 enter alder brush. about 3000  
 enter farm @ 3300 Lv farm enter  
 river bottom. @ 3590 enter brush at foot  
 of hill 3718.90 Hubon hill @ 3800 S  
 foot of hill - enter farm

@ 4021 enter mud lake Thence  
 on ice. @ 5327.40<sup>3</sup> set hub and  
 go to dinner. Sutton brings lunch  
 for Harold Curo and they eat at  
 John W Curo



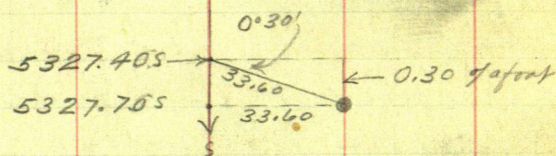
Feb 20-1918 Cont. 7

Edwards house where Sutton has his  
lean PM

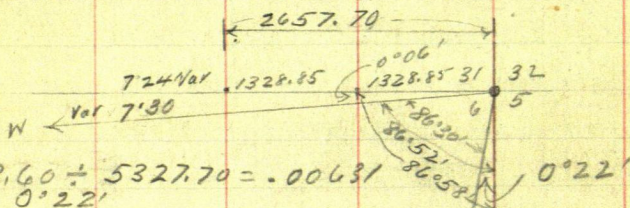
Sutton takes his lean around to  
Brown's house in sec 7. Continue

South But 576-138-29 4°

@ 5000-5200- staker laid on ice  
at 5327.40 Hub from which  
I.M. @ cor to 5-6-7-8-138-29  
bear S 89°30'E 33.60 feet



$$\begin{aligned} \text{Sine} &= .00873 \times 33.60 = 0.2933285 \\ \text{Cosine} &= .99996 \times 33.60 = 33.60 \end{aligned}$$



Note: Will look for B.T. @  
1/4 Cor. later. cont

For Correction  
See Page \_\_\_\_\_

33.60 I.M. Cor. 138-29  
Kemp. 576  
S

J. M. C. C.



# Time Sheet Working For Barclay Trp Pass & Minn-Road Surveys-

March 1918

Feb 1918

	18	19	20	21	22	26	27	28	1	2	SUN	4
John W. Curro @ \$50	8 <sup>1</sup> 8 <sup>H</sup> 30 <sup>M</sup>	0	0	0	0	0	9 <sup>H</sup> 9 <sup>H</sup> 5 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	8 <sup>H</sup> 9 <sup>H</sup>	8 <sup>H</sup> 9 <sup>H</sup>	8 <sup>H</sup> 9 <sup>H</sup>
Harold J. Curro @ \$5	0	0	0	0	9 <sup>H</sup> 3 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 5 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	0	0	0
" " Curro @ \$2.50	0	8 <sup>H</sup> 30 <sup>M</sup>	0	0	0	0	0	0	0 <sup>?</sup> 0 <sup>?</sup>	8 <sup>H</sup> 9 <sup>H</sup>	8 <sup>H</sup> 9 <sup>H</sup>	8 <sup>H</sup> 9 <sup>H</sup>
John T. Edwards @ \$2	0	8	0	8	9 <sup>H</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 5 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	0	0	0
John Sutton @ \$2	0	8 <sup>H</sup> 30 <sup>M</sup>	0	0	9 <sup>H</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 5 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	0	0	0
" Team @ \$2.50	0	5 <sup>20</sup>	0	0	0	8 <sup>20</sup> 2 <sup>50</sup> 2 <sup>50</sup>	8 <sup>20</sup> 2 <sup>50</sup> 2 <sup>50</sup>	8 <sup>20</sup> 2 <sup>50</sup> 2 <sup>50</sup>	8 <sup>20</sup> 2 <sup>50</sup> 2 <sup>50</sup>	0	0	0
Edward Frostes @ \$2.50	0	0	0	0	8 <sup>H</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 5 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	0	0	0
Marius Hernes @ \$2.50	0	0	0	0	0	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 5 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	0	0	0
Jess T. Hirst @ \$2.50	0	0	0	0	0	0	9 <sup>H</sup> 0	0	0	0	0	0
Geo Cramblet @ \$2.50 per day	0	0	0	0	0	0	9 <sup>H</sup> 5 <sup>M</sup>	9 <sup>H</sup> 5 <sup>M</sup>	9 <sup>H</sup> 9 <sup>H</sup> 30 <sup>M</sup>	0	0	0

(1)

87



Feb 26-1918 contd

6 and 7.

We walk to I.M. = 2x48" Copped Golf Iron  
set 5. years ago By M.B. Kemp over which  
I set liantit-back right. Went on gen  
direction of cut out road and run

East Bet 6 & 7-138-29 ✓

@ 200 E. Hub on hill. @ 400-600-800 E  
set slaker with liantit @ 679 Hub  
set hub about quarter mil E. on hill and  
quit for night. Ed Frost and  
Marius Hernes & men.

I get back to Sutton @ 6.20  
which makes us one hour and 30  
minutes over time or 9 Hrs 30 mts  
and allow the whole crew the same  
or myself.

Walk home to the farm and figure  
correction for two hours no charge  
for this - I guess

Jabir & crew



# Board Sheet Barclay Twb

Feb 1918

March 1918

18 19 20 21 22 23 24 25 26 27 28

1 2 3 4

Boarding With Mrs John Sutton (Miss H Sutton)

John W Curo

0

P S

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Harold Curo

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138-29. Cor. Co. Min.  
Sec 6.  
Barclay Twp. Roods

Feb 27-1918 Wed.

Alma gets breakfast - Harold and  
I Lv farm @ 7-20 am. Arrive Lv

John Sutton's farm @ 8.00 Sutton and  
learn drive to Jess T. Hirst farm  
(son-in-law of Sutton) who goes

Harold Curo liant & Ch. Edwards  
Ch & ar Sutton-Hernes & Frost a Co

East bet 6<sup>th</sup> & 7-138-29

Sutton and I drive to SE cor 6 and walk  
half a mile N. to 1/4 bet 5<sup>th</sup> & 6. B.T. gone

I sit on a log and figure corrections

Correcting

Bet 5-6. 138-29. <sup>US</sup> 5208.72 = 118.98 Long  
mych 5327.70 =

.00631 E for each foot South

and .02284 S. for each ft S.

5208.72 S. & S 118.98 T. 5327.70 Then E 33.60  
to SE cor Sec 6.

3888.72 goes S 88.82 T. 3977.54 S Then  
E 25.10 to S. 1/16 Bet 5<sup>th</sup> & 6.

2568.72 S goes S. 58.67 T. 2627.39 S  
then E 16.58 to 1/4 cor bet 5-6

1248.72 S. goes S. 28.52 T. 1277.24 S  
then East 8.06 to N 1/16 Bet 5<sup>th</sup> & 6  
John W. Curo



(15)

138-29 Sec 6  
Barclay Twp Cass Co Minn 91

Feb 27-1918 cont'd

2657.70

Var 7° 24'

Town line

1/4

1320.05

1328.85 Mych  
Collected Trk

1320.05

1328.85 MY  
E-W

IM

1277.24 MY

2627.39

3977.54

S 30° 02' W

- 5327.70 - Var 4° 24'

IM

seen

52.47' W

5328.40 MY QH

V 4° 37' E

5-2.55' W V 4° 29' E

5328.05 figured

2640.05 = 2635.60 Mych

IM

1/4

1317.80

2635.60

1317.80



Feb 27-1918 Cont'd

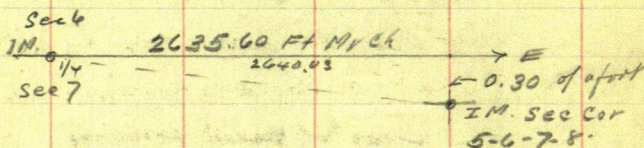
East Bet. Continued

@ 1079.60 Hub - 1472 cross fence NW-SE

1577.70 Hub 2050 Ent Lake 2600.20 Hub

Ht. 2635.60 Cor (I.M.) to Secs

5-6-7-8-138-29 sets South 0.30 of foot



I go to Edwards house about 11-am and  
figure corrections while Sutton helps.  
Harold's true cut line East

All come to Edwards house for dinner  
Sutton likes lunch for Harold & I  
PM

We all walk 1/4 mile West and @  
1400 W. Ch E 71.15 ft to 1328.85' N. and  
set hub on random where I set line  
on flag held by Harold at I.M. NE Cor Sec 6  
Turn 90° and run North 2.22 ft and  
set small hub for

East 1/16 Bet 6 and 31-138-139-29

New B.T.S. sig

JP 9N 57° 45' E 46.30 ft (7.24')  
NP 6S 52° 35' E 46.05'

Turned from line E & W sec line  
John W. Cunn



Feb 27-1918 cont'd

(17)

138-29 - sec 6.  
Barclay Twp  
Roads

93

then with transit still on random but  
1328.85 W. focus E on NE cor 6- transit  
telescope and look West on random.  
Turn telescope to the Left  $87^{\circ}00'$   
and run

South on E  $\frac{1}{16}$  Sec 6.  $14^{\circ}29' E$

Assuming the town line as E and W,  
we run S  $2^{\circ}55' W$  Var  $4^{\circ}29'$  (figured)

Harold Cuss and crew continue this  
line South while I and Sutton drive  
West to  $\frac{1}{4}$  cor but 6<sup>th</sup> of 31. 138-139-29.

At random but 2658.00 W. we chain E  
0.30 of a foot to 2657.70 W. where I set  
transit. Turn  $90^{\circ}$  to random and run N  
4.44 feet where I set small but for line  $\frac{1}{4}$   
cor but 6<sup>th</sup> of 31. 138-139-29 New BTS Up

JP 5 S  $39^{\circ}35' W$  18.30 Feet }  $17^{\circ}24' E$   
JP 6 N  $23^{\circ}15' W$  38.60 " }

Turned from line E & W line

Then with transit on random but 2657.70 W  
back right  $\frac{1}{2}$  mile E on line sec 6. Transit  
telescope and look West then turn Left  
 $87^{\circ}06'$  and run South  $2^{\circ}47' W$  Var  $4^{\circ}37' E$   
(figured) on what should be the line N & S  
cor line of sec 6-138-29

Sutton sets a line of stakes South  $\frac{1}{4}$   
John W Cuss



94

Feb 27 - 1918 Cut

(18)

6-138-29

Barclay Turp

miles or more out on the ice in  
lake - then we drive S.E. and pick  
up Harold Curo and his crew

Harold Begins @ East  $\frac{1}{16}$  Bet 6 and  
31 - and runs on the East  $\frac{1}{16}$  line

South on E  $\frac{1}{16}$  Line Sec 6,  $\begin{matrix} S 2^{\circ} 55' W \\ N 4^{\circ} 29' E \end{matrix}$

Rough chain - All stakes set with liant  
@ 200 - 400 - 600 stakes 601. S. Hub. 800 stakes

@ 982  $\frac{S}{E}$  Lake Hatter road NW and SE

1000 - 1200 stakes: 1202.60  $\frac{S}{E}$  Hub

@ 1256  $\frac{S}{E}$  Edwards road NE and SW

1327.  $\frac{S}{E}$  enter swamp } East edge

1360  $\frac{S}{E}$  LI " }

1400 - 1600 - 1800 - stakes: 1937.20  $\frac{S}{E}$  Hub

2000 - 2200 - stakes - 2293.50 Hub

Quit for night. we pick up the  
crew and drive home.

We are using two Guerley liants

200 and 100' steel tapes. Should see Hub

Harold J. Curo. John T. Edwards

Jess T. Hirst - Marius Herner -  
Edward Frost - in one crew.

John W Curo - John Sutton and  
Liam in another crew. We get to  
Antlows @ 6 P.M. getting in one hour  
over time or 9-Hours O.O. minutes  
John W Curo







138-29

Barclay Twp.  
 Feb 28-1918 Thurs Cross Co Mine - Roads

I walk from home to John Sutton's farm  
 arrive 8 o'clock and we leave immediately  
 with his team.

Harold Curs - Edwards - Frit - Herner  
 and Geo. Cromblet in one crew  
 in one crew - Sutton + team and I  
 in another. Harold continues

South on E  $\frac{1}{16}$  line 6-

@ 2400-2000-2800-3000 slaker set with  
 liamit @ Hub and quit for dinner  
 rough chain

Sutton and I. set liamit on  
 lake and carry the N and S cen line of  
 Sec 6-138-29 to the South bank of  
 the lake Then walk half a mile SW  
 and see Brown who says  
 he never saw any BTS to  $\frac{1}{4}$  Sect 5 and 6.  
 all drive to Edwards house for dinner

Geo Cromblet owns 80 acres W  $\frac{1}{2}$  NE  $\frac{1}{4}$   
 Sec 18. lines near NW Cor

PM

I stay at Edwards house and write  
 up my notes and figure corrections  
 till 3-40 then go out on line  
 Harold takes the whole crew



Feb 28-1918 Could

(21)

138-29  
Barclay Twp

97

and team and goes back to work continuing

South on E  $\frac{1}{16}$  line Sec 6-<sup>S 2°55' W</sup> Var 4°29' E

3200-slake 3225-10<sup>S</sup> Hub: 3400.-3600.-sth

3729.60<sup>S</sup> Hub - 3800 slake-3853. S. alld road

E and W 3953.80 Hub 4000-4200.-slake

4311.80 Hub 4400-4600.-slake 4732.30

Hub 4800 slake 4900 about. sled track

road E & W; 5000-5200 slake

5327 wire fence E & W: 5342. (Rough chain  
= 5328.05)  
Trough

interest line E & W see line

5.90 feet West of the East  $\frac{1}{16}$

Cor bet Secs 6 and 7-138-29

El and Geo Cramblet put in this  
 $\frac{1}{16}$  v. at 1317.80. measure South  
0.15 of a foot and set a 2x2x8" stake  
for the line East  $\frac{1}{16}$  bet 6 and 7-138-29

BTS v. JP 10 N 64°05' W 35.75 FT

JP 12 N 26°10' E 47.30 "

Bird 35 59°30' E 12.10 "

turned from the line E & W See line & ?

Quit for night at Sutton's 6.05 PM.

= 9 H. 5 M. = 1 H. 5 M. over time. Supper with  
Sutton Harold stays over night - I walk home  
meet Alma coming to meet me. Ch<sup>g</sup> 10.75 from  
Harold to Walter Olson for my Samaritan insurance  
John W. Curo

Cecy's fellow at the Batten



March 1-1918 Friday

Walk from home to Suttons at 8 am.  
Lv 8 am Harold - Frost - Edwards  
cut transit line South from Sand Lake  
on Cen line of Sec 6-138-29.

Cramblet - Sutton - Herner<sup>nd</sup> I go to  
1/4 cor on N. side of Sec 6-138-29 and cut  
out and chain South on same line  
having been previously staked.

South on cen line Sec 6-<sup>(S 2° 47' W  
Var 4° 37' E)</sup>

I<sup>nd</sup> Sutton chain perfect - PB line 200' Top

@ about 85 S. from new Co road NE<sup>nd</sup> SW

(Road laid out and plowed about 5 yrs ago)

200-400 - staker @ 410 enter E half of

round cranberry bog NW<sup>nd</sup> SE

600 staker in bog: 770 Lv bog NE<sup>nd</sup> SW

800<sup>3</sup> staker 875 top of hill. 990 foot of hill

20 feet West of Sand Lake. 1000 staker

1145 enter Sand Lake - bears N 10° E

and S 70° W about: @ 1200-1400.

1600-1800-2000-2200 - staker on ice

@ about 2250 South point of sail

land lies East about 50 ft. 2400<sup>Had</sup> staker

@ 2450 S ft of land lies E. 75 feet

2600-2800 - Huber is: 3000-3300

3600 staker on ice @ 3604 Lv Sand Lake

Jahnke

Bright - Sunshine - Warm and thawing all day



March 1-1918. Contd

(23)

138-29 Sec 6  
Barclay Twp

99

E & W - 100' W of old road mill stand  
@ 3624 top of hi bank 8. ft above water  
3800 stake. Quit for dinner

All drive to Edwards house and  
eat our lunch

P.M.

All drive back and pick up line  
where Harold and his crew started  
this morning and continue

South on cen line 6.1 (S 2° 47' W  
Var 4° 37' E)

Both crews double up here as timber is  
heavy and ground rough.

@ 3800 set stake with liant: then re-set  
Harold back with flog to put hub on ice  
at stakes 2400-2600-2800s. - at 3800 stake

@ 3937.40 S intersect hub where liant  
sets where Harold started South this morning

@ 4000 Hub in S. wheel back of road E & W

4200-4400-4600 stakes not set with liant

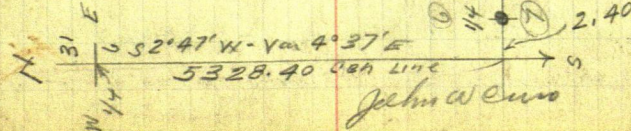
4621.30 S Hub 4750- stake set with liant

4950 stake: set with liant 5000-5200

stakes 5267.20 Hub in hill

At 5328.40, S. th. I.M. 1/4 bet 6 and 7

138-29 sets East 2.40 feet









(25)

138-29-6  
Barclay Twp.  
Cass Contin. - Roads 101

March 2-1918 Saturday

I L. horn and Ar. Suttons @ 8<sup>10</sup> AM. & L. Suttons - Sutton and L. L. - Harold Cuss  
Geo Cramblet - John Edwards - Frost  
Herner and I all work.

Harold & crew continue S  $1\frac{1}{4}$  line 6  
West on S  $1\frac{1}{4}$  Sec 6-138-29 To N and S. Con line

I and Sutton go to  $\frac{1}{4}$  Con bet 5 and 6  
138-29, and at 26.27.39 S-run E (90° to random)  
16.58 ft and set 3x3x36" stake for line  $\frac{1}{4}$   
Con BTS Vig turned from line NTS line @ 4° 22' V  
Aph 10 S 31° W 8.80 FT  
Tam 12 N 48° 10' W 26.10 "

This  $\frac{1}{4}$  post sets about 50' vx of Norway  
Brook. With transit @ hub 26.27.39  
sight South on random - then turn  
R. 86° 36' and run (parallel to N. B. line)

West on Con line of sec 6-138-29 V 7° 24'  
about 300 W L. L. line swp. - Set hub  
on hill. Transit telescope - sight cut  
0.80 of a foot N. of  $\frac{1}{4}$  Con. I set hub on hill  
0.80 of a foot South over which I set transit  
both sight E on line  $\frac{1}{4}$  Con and run

West Random - Con. Sec 6. Run nearly  
 $\frac{1}{4}$  mile and quit for dinner - Eat lunch at  
Edwards -

\$3.75 for Harold's time

John W Cuss



Mar 2nd 1918 contd. P.M. continue

West on cen line Sec 6-138-29  
using no chain - JWCens flg - Herald J Cens  
Tramit Edwards - Sutton Frost - Crumblit  
- Hernes. Axmen

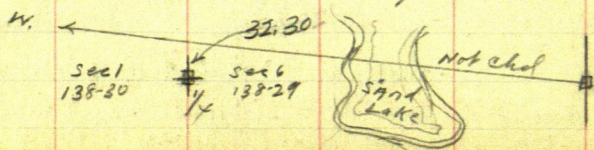
@ 1323.32 West, about, (figured) we cross  
the line E 1/4 line at about 2627.75 S.  
(figured, after we have run the whole mile  
west.

At 2657.70 West (figured) we  
cross the line N + S cen line @  
2628.10 South (Chained carefully S.)

This is near the center of sec  
6-138-29 and it falls about in  
the center of Sand Lake. It is  
about 500 ft East to shore and  
" 500 " West " " " The

East shore bears NW and SE while  
the west shore bears NE and SE

Continue west thro very hilly  
brush and timber country and  
come out 32.30 feet North of the  
1/4 cen on the West side of sec 6-





Mar 2-1918 contd

(27)

138-29-6  
138-30-1

103

At this point being the  $\frac{1}{4}$  cor bet secs  
1 and 6 Bet 138-29 and 30 US notes call for:

BP 8 N 33° E 26 Lks = 17.16 Feet

BP 7 N 89° W 21 " = 13.86 "

We find the stump of the West B.T.  
dimly marked and the big green line of  
the NE B.T. well marked

I set the post by flat chain from  
face of B.T. marker after which old B.T.S.  
stood as follows " 7° 30' taken with Compass

Old B.T. N 32° E 17.16 FT

" " N 86° W 13.86 "

I mark new B.T. Pap 14 N 64° W 33.90 FT

Got to Sutton @ 6.40 P.M. making

9 Hour and 30 minutes or 1-Hour-30 minutes  
over line. Harold still with Sutton  
I eat supper with Sutton and walk  
home for over night

I will charge \$3.75 for Harold or  
if we worked in one crew a part of the time

John W. Cuss



6-138-29  
Barclay Twp  
Cass Co Minn

March 3-1918 Sunday

Left home @ 9 am and walk to  
Suttons at 9:30 Herald and I figure  
corrections till noon. Eat dinner at  
Sutton's house

Correcting E 1/4 Line Sec 6.

= .001107 of a foot E. for each ft South

200	S. goes	E	0.22	of a Foot
400	"	E	0.44	" " "
✓ 600	"	E	0.66	" " "
800	"	E	0.88	" " "
✓ 1000	"	E	1.11	Feet
✓ 1200	"	E	1.33	"
1400	"	E	1.55	"
✓ 1600	"	E	1.77	"
✓ 1800	"	E	1.99	"
✓ 1937.20	"	E	2.14	"
2000	"	E	2.21	"
2200	"	E	2.44	"
✓ 2293.50	"	E	2.54	"
2400	"	E	2.66	"
2600	"	E	2.88	"
✓ 2800	"	E	3.10	"
3000	"	E	3.32	"
✓ 3225.10	"	E	3.57	"
✓ 3400	"	E	3.76	"
3600	"	E	3.99	"
✓ 3729.60	"	E	4.13	"
3800	"	E	4.21	4.43 @ 4000
✓ 3953.80	"	E	4.38	"
4200	"	E	4.65	"
4311.80	"	E	4.77	"
4400	"	E	4.87	"
4600	"	E	5.10	"
4732.30	"	E	5.24	"
4800	"	E	5.31	"
5000	"	E	5.54	"
5200	"	E	5.76	"
True Chain Figured ✓ 5328.05	"	E	5.90	"



Mar 3-1918  
Sunday Contd

(29) 6-138-29  
Barclay Twp

105

Correcting N<sup>th</sup> S Cen Line 6

= .00045 of a foot E for each ft South

3800,	S	goes E	1.71
3937.40	S	" E	1.77
4000,	S	" E	1.80
✓ 4200	S	" E	1.89
✓ 4400	S	" E	1.98
✓ 4621.30	S	" E	2.08
✓ 4750	S	" E	2.18
✓ 4950	S	" E	2.23
5000	S	" E	2.25
5200	S	" E	2.34
✓ 5267.20	S	" E	2.37
5328.40	S	" E	2.40 I.M.

Correcting P.M.

At P.I. of E<sup>nd</sup> W random with line  
N + S Cen line crosses @ 2628.10 so

True E + W Cen line at a point 2646.65  
West (Figured) would cross line N + S Cen  
line at 2644.25 South.

At 3986.32 South we chain East  
1.80 ft and set 3x3x36" stake for line  
1/16 cor in cen of South half of Sec  
6-138-29 with new BTS viz

JP14'S 31°30' E	55.15 Feet	} T. Flat Spot at Base of trees
JP12S 60° W	44.10 "	

Turned from line N<sup>th</sup> S line @ 4°37' Var  
We correct from here "80 rods" South to  
the 1/4 I.M. cor and we set Hub<sup>rd</sup> tall  
stakes mkd "True Line - Road Cen" at all pts  
checked as shown above thru "V"  
John W. Cunn



106 Mar 3-1918  
Contd

(30)

138-29-6  
Barclay Twp

### Correcting

At a point 26 41.12 ft West (Figured)  
the  $\frac{1}{16}$  Cor in cen of S. half of Sec 6-138-29  
less South 12.20 ft Correction = .00462

Wx chain roughly East to

24 41. W	Then South	11.28	} and at set tall stakes and hubs
20 94 W	" "	9.70	
18 41 W	" "	8.50	
16 41 W	" "	7.60	
14 50 W	" "	6.70	

finishing the correction of the West  
80 rods of the E and W  $\frac{1}{16}$  line thro Cen  
of SE  $\frac{1}{4}$  of Sec 6-138-29

Then we put in the  $\frac{1}{16}$  cor in  
cen of the SE  $\frac{1}{4}$  of Sec 6-138-29 at  
a pt where the line E-W-N<sup>4</sup>W-S lines  
cross and set a 3X3X30" stake (Pin.)  
with new BTS viz

JP 125  $44^{\circ}30'E$  38.45 Feet  
NP 85  $38^{\circ}20'W$  34.80 "

Quit for night at Sutton @ 5.35

Sutton and team work in PM. his two  
boys go along. We use crow bar to punch  
holes thro frozen ground. Very warm & bright  
Harold plays with Sutton I get supper  
and walk home for our night.

John W. Cunn

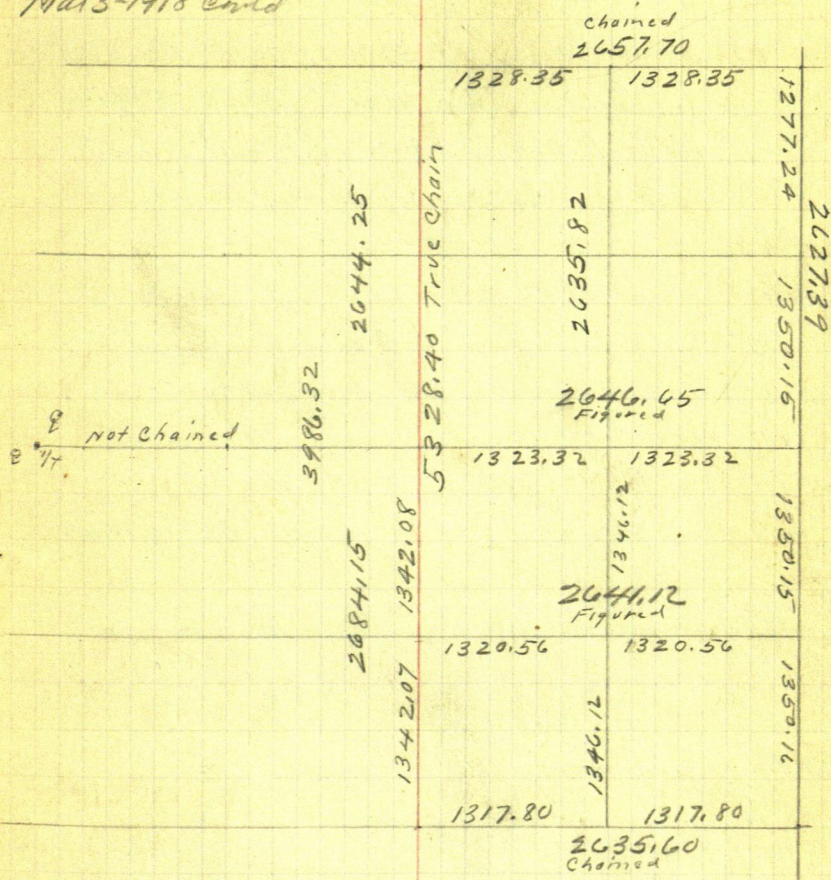


(31)

138-29-6  
Barclay Twp

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Mar 3-1918 contd



John W. Carr



March 4-1918 Monday

I. an Sutherland @ 8.50 am and Harold  
+ I figure corrections till 9-20 A.M.

Harold and I walk out and finish  
correcting. There is a big hill in cen of  
NE  $\frac{1}{4}$  of Sec 6-138-29 and the road  
should angle before it gets to this point.  
Chaining west it is 350 feet to the foot  
of the hill and the angle point should be  
350 ft west and chaining north from  
the  $\frac{1}{16}$  stake it is 100 ft to the foot of the  
hill and the road should angle 150 ft North  
of the  $\frac{1}{16}$  point.

We correct North along the E  $\frac{1}{16}$  line and  
set hubs and tall stakes at all points  
checked off "r" thus "r" as given on page  
104. this book.

To put in the  $\frac{1}{16}$  in cen of East half  
we set it at the intersection of the line  
E + W and N + S lines. it falls 8.08 ft South  
of E + W Random and 2.95 E of N + S Random.

It corner in cen of west half of old  
short burned pine root of 6" of line level  
with the ground. BTS Up

JP 7" N 54° W 59.70 Feet @ 7.24' set with  
Pop 6 N 50° E 63.65 " <sup>Quincy Crisp</sup> <sub>lined from E + W line</sub>



Mar 4-1918 cont'd

(33)

138-29-6.

Barclay Twp

109

we do not drive a stake or bludge the B.T.S. only  
put a spot at base and 2 matches on the  
back side of the line

We set there on our own time and do  
not want any one but us to know about  
the B.T.S. The damn sons of bitches  
say they will not pay us for our time,  
so we can get even on our own acct



Olson Survey

Dec 8-1917 Saturday

I am staying with Geo Hardy on 12 miles E of Pine River but am waiting for A Mr Olson who is coming to have me make a survey for him

Olson and Geo Hardy are from Pine River.

After supper Olson and I go to Pine River in my Ford.

I leave Olson at Hotel and go home to our farm  $2\frac{1}{2}$  miles N.

John W Coss



Dec 9-1917. Sunday

I am working for Mr E.  
Malvin Olson of Fergus  
Falls Minn

Lv home @ 9- pick up Olson and  
Lv Pine River about 11-30 AM  
in my Ford car.

Arrive Dan Morey's HE  
on NE of NE Sec 20-139-28  
@ 12-30 PM = 15 mile drive

Then we drive my car 3 miles  
NE to farm of Leonard Peterson  
on SE of SE Sec 4-139-28  
and back to Moreys for dinner  
Eat lat: Olson and I work in  
PM Very cold and windy

Reg @ IM previously set  
by me @ cor to Secs 20-21-28-29  
139-28 Back right a mile  
West on new graded road  
transit telescope and run

East bet 21 and 28-139-28  
cut about 1/4 mile and over night  
with Morey. Olson freezes his nose  
and we throw it out with snow  
John W Curo



Dec 10-1917 Monday

John W. Curo - Gurley Transit  
200 ft Chicago Steel Tape EM Olson  
chain and flag

Lloyd Peterson (axmen)  
Nels Peterson

Peterson's walk down - eat their  
lunch at Morey's

East bet 21<sup>st</sup> & 28 V 7'50"E  
stakes set with transit every 200 feet  
@ about 2150 ft. E. old blazed  
10" white pine line (down) is south  
18 inches @ 2620 E. cor of  
dry creek; drains North

@ 2625 E. bank of creek

@ 2644.62 E. look for 1/4 cor bet  
Secs 21<sup>st</sup> & 28- 139-28 where US notes  
call for. L to V @ 4- 139-28

W. Birch 8" N 63° E 50 Lks = 33.00 ft

Aspen 10" S 30° W 31 " = 20.46 "

All are gone - continue

East bet 21<sup>st</sup> & 28.

@ every 200 ft set stakes with  
transit to stake 5200 East and  
Quit for night. Dan Morey  
went to Pine River and back  
John W. Curo -



Dec 10-1917. Cont'd (3) 139-28 115  
Olson Survey

our crew walk  $1\frac{1}{2}$  miles to Morey's place for dinner Peterson's also go but eat their own lunch on Morey's table - with us.

I broke Morey's scythe today  
Peterson broke his axe handle  
Peterson boys walk straight North for him from 5200 E. stake

Somewhat warmer to day and not bad to-night

From temp' on to 21-22-27-28  
139-28 we could see a train streaking it for Walker on the M and I R.R. Olson and I staying with Dan Morey

John W. Cuss



Dec 11-1917, Tuesday

At 5289.24 (= 8014. Lks) E  
we look for cor li seeds

21-22-27-28- 139-28

US notes call for:

B. Oak 6 N 31° E 40 Lks = 26.40 Ft

B. Oak 12 N 52° W 37 " = 24.42 "

Hsphen 20 S 12° E 16 " = 10.56 "

Hsphen 8 S 45° W 10 " = 6.60 "

We do not look much for the  
lites Peterson Boys arrive with  
their Dad (Leonard Peterson)  
about 9-30 AM Dan Morey goes  
with Olson and I We begin @  
stake 5200 E and continue

East bet 22-27-139-28

Var 7° 50' E @ 5300-5400 set  
stakes <sup>lined</sup> with the transit. set all  
stakes lined with the transit  
(except 8000 E)

At about 8000 E we look  
for the 1/4 cor bet. seeds

22<sup>nd</sup> 27-139-28 US notes  
say: L 10 V @ 3.

W. Birch 7 S 20° W 10 Lks = 6.60 Ft

Y. Pine 9 N 15° E 39 " = 25.74 "

John W. Cunn



Dec-11-1917

(5)

139-28

E.M. Olson Survey 117

No use to look for B.T.S. continue

East bet 22 and 27-139-28

@8307 E. enter lake: 8400 on ice

8600 E Lv Lake @8630 E. marsh

8800 stake in marsh (Not set with  
transit) 8920 E. Lv marsh

about 10100 E. enter West point  
of Pear shaped open lake swp

10,400 Lv Swp N+S This swamp  
or meadow lies high and can be  
drained N.W. easily 10455.80

E. set Hub from which the con to

22-23-26-27-139-28 bears

$S33^{\circ}08'E$  209.40 Feet or

114.46 ft E and 175.35 ft

South (Figured)

At 10,570.26 Ft E the con to

22-23-26-27-139-28 bears

South 175.35 feet. US notes say

W. P8 N32°W 139. LKs = 91.74 Feet

WP 75 70°W 180 " - 118.80 "

We find the stump of both trees  
badly burned but plainly marked  
which check out to a fagzel @80°  
to face of B.T. Marker From which we  
set a 3x3x60 dry lam post  
John W. Curo

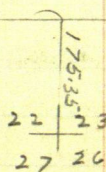
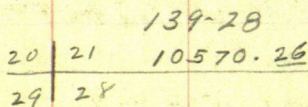
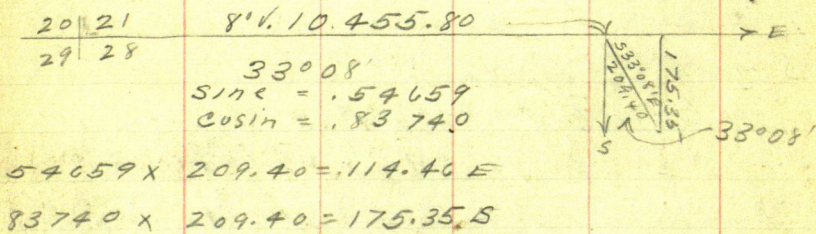


Dec 11-1917. Contd. E. M. Olson Survey

for the line on to 22-23-27-28-139-28  
 set in soft marsh 20 feet NW of  
 edge of small lake NW BTS @ 8°  
 NP 10 N 66° 53' E 318. 80 Feet  
 NP 10 N 10° 15' E 345. 60 "  
 Dead WP 15° S 59° W 136. 20 "

To face of spot at base @ 8° Var E  
 for con to 22-23-26-27-139-28

from which we start a line East  
 and another South @ 8° Var  
 All stakes except 8000 and 8800. lined  
 with tannist. Ran SE wind - Snow  
 and storm. Still with Moray



John W. Cuss



⑦  
139-28

119

Time Sheet Working for E. Malvin  
Olson of Fergus Falls Minn who owns  
land in Sec 26-27-34-139-28

Dec 1917

	8	SUN 9	10	11	12	13	14	15	SUN 16
John W Coro Transit	0	1	1	1	1	1	1	1	0
Huts	0	2	0	0	0	0	0	2	0
Expense	0	0	0	0	0	0	0	0	0
EM Olson chrtfy	0	1	1	1	1	1	1	1	0
Lloyd Peterson	0	0	1	1	1	1	1	1	0
Nels Peterson (Bingo)	0	0	1	1	1	0	0	0	0
Leonard Peterson	0	0	0	0	0	Team ?	0	0	0
Dan Morey	0	0	0	1	1	1	1	1	0
Team						Trip	Day	Day	0

## Board Sheet

With Mrs Morey

John W Coro	0	D SL	DB SL	DB SL	DB SL	DB SL	DB SL	DB S	0
EM Olson	0	D SL	DB SL	DB SL	DB SL	SL	DB SL	DB S	0
Lloyd Peterson	0	0	0	0	0	SL	DB SL	DB S	0

With Mrs Leonard Peterson

EM Olson	0	0	0	0	SL	DB	0	0	0
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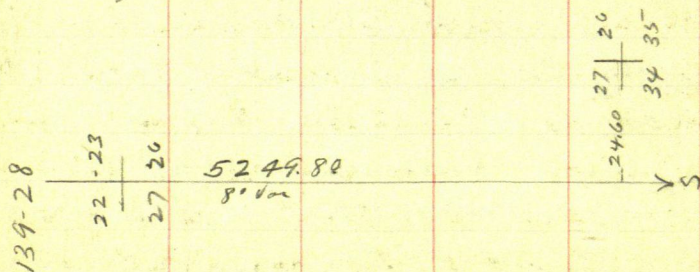
122 Dec 12-1917, cont'd. ⑧ 139-28 Olson Survey

I set a temporary peg for the sec  
 cor from which the old SE line stump  
 not marked is  $2\frac{1}{2}$  feet too close  
 and a stump which may be the old  
 NW corner B.T. is O.K. for course but  
 5 feet too far away

I ignore the NW stump and  
 set a hub for the sec cor by flat  
 chain from the face of SE line stump  
 and NE Q.P. line. The SW B.T. is gone.

Peterson boys and Olson leave  
 half an hour early for Peterson's. Morey  
 and I set Cor to 26-27-34-35- 139-28

Jim & Leslie Shepard pass our lunch grids  
 at noon. maybe to get a deer they killed yesterday?  
 Morey & I get home in 1 hr 30 mls at 5:35 by  
 Morey's clock. Olson is at Peterson's  
 12° below zero @ 6-30 PM.



John W. Carr



Corr Co. Minn

⑨ 139-28  
Blind Lake Twp  
Olson Survey

123

Dec 13-1917, Thursday

32° below zero @ 8 AM. I am waiting for Olson and Peterson boys with their team. I lv @ 8<sup>15</sup> AM. No sign of Olson's team - Hear their wagon coming and go back to Morey's and wait. Dan Morey stays home to haul wood. Nels Peterson and team drive us to SE cor Sec 20 - and we walk to our work. Nels and team go back. Curd Olson and Lloyd Peterson work.

At cor to 26-27-34-35-139-28

I set a 4x4x40 inch dry tamarack stake for the line cor which comes in the NW edge of a large rock and as we are unable to drive stake I set stake on the rock edge which is 3 inches below ground and brace stake with two nails in two long braces and drive 4 short stakes 1 ft each way N-S-E-W and mark New Bearings as follows 8° Var E

Poplar 6" N 39° 47' E 121.00 Feet

Short 014 9" tamarack stump

(which may have been one of the old MS. BTS and which I do not see John W. Carr



(19)

139-28

Olson Sunny

124 Dec 13-1917. cont'd

because it is 4. or 5. feet too far  
away) bear N 39° 50' W 114.50 feet.

Dry Tam 4" S 21° W 210.00 Feet

Poplar 4" S 82° 50' E 71.10 Feet

@ 8° on to face of spot at base of BTS.  
Run East

Set Secs 26 and 35- 139-28 V 8° E

@ 50 ft Lv meadow NW and S

set stakes every 200 feet lined  
in with transit

@ 2640 E. set stake for line 1/4

on bet 26 and 35-139-28 where

US notes call for "M & U @ 2"

Aspen 6 N 50° W 5 LKS = 3.30 Feet

Aspen 10 S 30° E 6 " = 3.96 "

We do not look for them as  
they appear to be gone. Ht 2775 E

Enter open meadow NW and SE

Ht 2862 E Ditch dug by old

RR Co bears N and S. a big marsh

and big lake lies 1/4 mile North

@ 3050 E Lv meadow N and S

we run to about 4000 E and

Quit for night Start for home @ 4<sup>10</sup>

PM my time and 4.03 PM. Olson time

Morey meets us with team Noured 10° below @ 6 PM.  
John Ween

Pelson trail lunch for Olson and Morey.

All stay with Morey



Dec 14-1917- Friday

E. Malvin Olson Survey of  
Sec 26-139-28 in Blind Lake Twp  
Cass Co Minnesota and other Secs  
Continued: 18. below @ 6-30 and  
20° below @ 7-30 A.M.

Morey & team take Olson-Lloyd  
Peterson & I to work Clear bright  
sun-shine. Light NW wind

Reg @ 3000 E Continue

East bet 26-35-139-28<sup>v 80</sup>

3600 To 3900 E. in N end of open  
tarn swp Heavy grass and up-  
turned tamarac roots extend  
SW. 600 feet.

@ 3960 small stake not marked

@ 3900 (about) cross wagon  
road NW and SE (Runs to Garner's  
I guess) 4925 bet S end of  
small lake 5000 stake on ice  
50 ft N. of shore and 700 ft S.  
of N. end of lake 5100 Lv ice  
ent marsh 5200 stake in marsh  
5312.30 Hub in marsh.

5400 Hub. Lv marsh NE and SW

At 5173.60 E Cor to Secs  
John W. Cunn

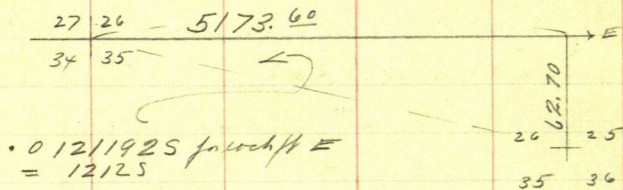


126 Dec 14-1917  
cont'd

(12)

139-28  
Olson Survey

25-26-35-36-139-28 sets South  
62.70 feet



At this point US notes call for  
WP 8 N 78° E 337 LKS = 222.42 FT  
" 10 S 80° E 169 " = 111.54 "  
" 10 S 40° W 65 " = 42.90 "

We find the 2-ft tall stump of the  
SE tree showing & marks from  
which I find the other two old BTS.

The NE tree is whole but down  
fell NE. Stump-root & body  
of the SW tree not marked

I set on by flat chain after  
which old stumps check O.K.  
for course @ 9°40' var

SW stump bears S 50° W

Cor comes in edge of marsh 4. ft  
E. of cen of 3-ft creek which  
runs South 12° E (dry?)

Set 3 x 3 x 36" Birch

John W. Cress



Dec 14-1917  
cont'd

(13)

139-28  
also survey

127

New BTS @ 8° Var viz

Poplar 8" N 83° 20' E 145.80 Feet  
Nearest corner of a one foot rock bears  
N 89° 59' W 13.10 Feet

Poplar 7" S 53° 38' W 53.30 Feet

8" WP stub 16' Hi bears

S 17° 52' E 78.60 Feet @ 8° V

We run

North 8° Var E in marsh

But Sec 25-26-139-28

@ 225 N enter lake NE and SW

810 N LV lake E and W

1320 N stake 1625 ent meadow

E & W 1698 N. Cen of old RR grade  
= Co road Blind Lake Spur

run E and W 2040 LV meadow  
W and NE enter Pop point

@ 2300 ent same meadow E and NW

LV pop point: 2475 LV meadow  
W and NE 2640 stake 10 ft West  
of same meadow. Set stake  
in line with transit every 200 ft.  
on all lines at 3000 N. Quit

for night. Crew cut line North  
10. minutes after I leave. I run  
half a mile South then check  
John W Carr



128

(14)

139-28

Olson Sweeney  
Almond Lake TrapDec 14-1917 Cold

all slakes a mil. West to see that.  
there are none miscounted. fired  
them O.K. Look for old BTS @  
1/4 Cor bet 26-35-139-28 but as  
both are papered I believe they are gone  
I find none and run on

I leave about 4:15 P.M. Team  
catches me on ice in Almond Lake  
John Dauber takes supper with  
Morey. Olson - I and Peterson over night  
with Morey 14° below @ 6 P.M. 17° below  
@ 7 P.M. and 14° below @ 9 P.M.

John W. Cuss



(5)

139-28

Alson Survey  
in Blind Lake Twp  
Cori Co Minn

129

Dec 15-1917 Saturday

At 1/4 Cor bet 25-26-139-28

N S nalis call for "O T. F. @ 2."

WP 10 N 65° E 63 Lks = 41.58 Feet

WP 5 N 63 W 35 Lks = 23.10 "

Alarm clock broke - I call Mr  
Morey @ 5 AM. 6 below @ 6 AM. Cloudy  
row SE wind Morey and team & sled take

Alson - Lloyd Peterson &amp; Curo to work.

From stake 2800 N continue transit  
line north setting stakes with transit  
every 200. feet.

North bet 25-26-139-28 N 80°

@ 3320 cut open swamp - good grass -  
upturned tamarac roots E and W.@ 3400 LV same E & W @ 3950 cut  
E. end of open up-turned tam roots  
Swamp good grass NE and SW

@ 4010 LV same SE &amp; NW

@ 4300 cut of 6. rod round open swamp

4675 cut open meadow NE &amp; W

4835 touch sharp point of solid  
land coming from the East.@ 5000 N. we are 50. ft West of solid  
land. @ 5200 and 5400 N. stakes  
set with transit

John W Curo



130

Dec 15-1917  
could

10

139-28

also Survey

at 5304. N. Cor sets East 89.70 ft

at this point being cor to sec.

23-24-25-26-139-28

(US notes call for:

White Pine 20" N 68° E 66 LKS = 43.56 ft

Red Oak 7" N 51° W 26 " = 17.16 ft

Aspen 8 S 48° E 18 " = 11.88 "

N. Maple 4 S 18 W 20 " = 13.20 "

I find the 20 inch white Pine stump showing no scribe marks but the blaze at base is O.K. from which I set a 3x3x40 inch white Pine post for the line corner.

The body of the old aspen lies near but the oak and Maple appear to be gone.

As a check I run a line 400 feet or so South and also West and find the old line well blazed. Mark new B.T. V<sub>ij</sub> 8°

Poplar 6" N 28° 25' E 46.10 Feet

" 5 N 13° 38' W 86.85 "

" 4 S 7° 12' W 15.40 "

Birch 4 S 37° 18' E 24.95 "

At 5304. N. this cor to sec.

23-24-25-26-139-28 sets

John W. Carr



Dec 15-1917  
cont

(17)

139-28

Olson Gurney

131

East 89.70 feet.

I do not take time to look for the  $\frac{1}{4}$  corner around this Sec

I start a line West and E @  $8^{\circ}$  from NE corner Sec 26- 139-28

then walk half a mile South and @ about 2652 N. I run a compass line West @  $8^{\circ}$  for and chain 2640 ft - drive a stake in the West side of a lake for the temporary center of sec 26-

just to accommodate Olson and blaze a small <sup>paper</sup> line on the West side of said lake on line and as it is storming decide to beat it for home. We get in @ 450 PM.

work on Ford car till supper time - eat chicken and pull out at dark with Olson for Pine River in a snow storm

At Pine River Olson gives me a check for \$29.00 and his sheep lined coat @ \$10. in full \$39.00 for my work and auto

I buy candy & books and get home about 8 P.M. . Harold-Reed  
John W. Cuss



132

Dec 15-1917

Curtis

(18)

139-28

also family

and I go hunting rabbits at  
9 o'clock at night - just for  
fun.

$$\begin{array}{r} 26 \\ 35 \\ \hline 25 \\ 36 \end{array}$$

5304

$$\begin{array}{r} 139-28 \\ 23 \\ 24 \\ \hline 25 \\ 8970 \\ 26 \\ 25 \end{array}$$

John W. Curo



Dec 16-1917 Sunday

All AM. at home on the farm.  
Leonard Erney at our house for  
at 3-PM. he brot us some  
fresh pork.

I figure corrections of South line  
of Sec 26-139-28.

Each stake goes .0121192 S = (12/12)  
for rock front East.

1293.40 E goes South 15.675 ft  
to West  $\frac{1}{16}$

2586.80 E goes South 31.35 to  $\frac{1}{4}$  Cor

3880.20 E " " 47.025 to E  $\frac{1}{16}$

5173.60 E " " 62.70 to Sec Cor

Erney goes home and Alma  
kicks up a row or usual and I  
was compelled to handle things myself  
about 4-35 PM.

John W. Cuss



Mission Lake Cemetery

Sec 35 T136 R27

See Page 22. This book

April 1-1918

Monday. This is Howard's birthday

17-years old to-day

Pack up prepare to go to Mission

Twp Lv farm @ 10 AM.

Stay in Pine River till noon. I give

Querson ch Apr 10-1918 \$10.75 in full

for car

Total pd on car \$3338 and \$20.75

Go to Town meeting of Timothy Twp

138-28 Leave them my bill \$5.

for map work and pull on @ 3-PM

Call at Mr Buchits "Grace" says

"Bill" is away - stop at Cross Lake PO.

Met Rob Andrews and How

Robertson also Mr Bailey who says

Cochran and Pettelkow are still on the

town Board Buchits re-elected for

3-years Bailey is Chairman Rob

Andrews Treasurer of Watertown Twp

137-27. We then drive on to "Kod"

Kimball's in Mission Twp who

John W. Curo



136-27

April 1-1918 Contd

says that Lewis Knutson has surveyed  
2 1/2 miles of their road free.

Buy @ cen of Sec 7 Thence 2 1/2 miles  
South to 1/4 bet 19 and 30-136-27

Knutson - Jones and another man bot  
Gout Lot 2. Sec 19- T 136- R 7 27

= 45.96 Acres. They may plat it

Kod says E. L. Young and Ike Miller & maybe  
Bill Beavers helped Knutson. Can't  
depend on Knutson doing it right and  
besides I have no record of the survey

We find Bert and Mrs Sabin are at  
Brainerd - Miss Hazel Squires (Teacher)  
gets us our supper Gilbert and Evelyn Sabin  
help. Bert arrives and I go with him and his  
car to like Miss Squires and another teacher  
to the dance at.

Survey Record

No 143



April 2<sup>nd</sup> 1918

143

Tuesday: Sabin fixes my three  
lopes and solders my radiator and @  
10:30 A.M. I call up Co Auditor at  
Brainerd and instruct him to tell the  
Commissioners board who are in  
session there that I am ready to  
make any surveys they may have.

I also call up Nels J. H. Nerheim  
and tell him I will be at his place tomorrow.

We then take my car and drive to  
NS MC. N<sup>o</sup> on East side of Mission Lake  
bet Twp 135-136- R<sup>o</sup> 27 where USUALS  
<sup>East on S. side Sec 34-136-27</sup>  
say: "H 19.87 (Links = 1311.42 Feet) over  
lake and set M.C. from which

Pin 16" S 88 E 318 Lks = 209.88 Feet

" 18" N 88 E 286 " = 188.76 Feet

One line should stand 7.35 Ft So. of line and  
the other 6.62 ft N. of the Town Line

Peter E. Amos (the mail carrier) shows  
us a 4 1/2 inch Ashport 3 ft tall  
set on West edge of Sea wall and  
20 ft SE of water edge of Mission  
Lake and says it was set 5 or 6  
years ago by Lew Garrison then Co  
surveyor of Crow Wing Co Minn  
John W. Curo



April 2-1918 cont'd

(4)

Union Lake Can

136-27

137

for the line M.C. and was later checked on and used by Lew Knudson as the line M.C. when Knudson surveyed Les Comp's land down South.

Also shows us the stump and line of the S.E. BT, which he says was plainly marked.

I also find the NE line upturned and not marked. These two old lines were surely the old B.T.s.

I accept Harrison's stake as the line M.C. and find two new B.T.s. viz  $730^{\circ}$

Elm  $10^{\circ} N 30^{\circ} 50' E$  24.50 FT

Elm  $10^{\circ} S 67^{\circ} 15' E$  10.05 "

to flat spot at base of trees (old scrub oaks)  
East on Town Line

Sec 34-136-27

" 3 135.27

At 190 East (about) old upturned B.T.  
bears North about 12 ft

At 210 ft E. Can of old BT stump bears South 8.80 ft about

At 576.50 set Hub

NOTE: I shot this was staled on a heavier degree and find the Compass not working well

John W. Curo



138 April 2-1918 Cont'd <sup>B</sup> Mammie Tap 136-27

so @ Hub 576.50 E I chain North  
6.00 feet and set another hub and  
pull up the first then back right  
on M.C. and continue

East on S. side 34-136-27  
for 9°15' At about 210 ft E at old  
BT stump bear South 11. feet about  
@ 300. stake set with transit  
@ 576.50 Hub @ 600 stake @ 602  
Cen of Main Co. stage road NE & SW  
@ 614 ? Hub  
@ 619. Hinges on N. side of 4 ft gate  
@ 900. stake @ 1187 Hub 1200 stake  
1320 ruler open line swamp NE-SW.  
Lake lies about 800 ft SE

1328.58 E. set hub in swamp  
for Temp 1/4 on S. side 34-

136-27 where MS notes say

Elm 10'S 69°E 114 LKS } gone

Oak 8 N 68 E 78. "

@ 1500 stake (@ 1800 sth not lined in)

1950 L.V. swp 2100 stake 21 — ? Hub

2400-stake 2584 Hub 2692.40 Hub

2700 sth. 2896.80 Hub (3000 stake not  
lined in) Out for night. stay with  
Solon John W. Cunn



# Time Sheet Mission Lake Turp 136-27

April 1918

Nov. 1918

Dec 1918

	1	2	3	2930	SUN	1	2	3	4	5	6	7	SUN
John W Curo	1	1	0	8H 8H 8:00 8:55	8H 8H 8:45 8:55	8H 8H 8:45 8:55	8H 8H 8:45 8:55	8H 8H 8:45 8:55	4H 8H 2:50 8:55	4H 8H 2:50 8:55	4H 8H 2:50 8:55	4H 8H 2:50 8:55	Carewly Furnel
Sabin Auto	0	0	0	1.50	8	1.50	8	1.50	8	1.50	8	1.50	
Curo's Auto @ 150	33	1	0	345	0	0	0	0	0	0	0	0	
Garsold W Curo	0	0	0	1	1	1	1	1	1	1	1	1	
Harold J Curo	1	1	0	1	1	1	1	1	1	1	1	1	
Beck Sabin	0	1	0	1	1	1	1	1	1	1	1	1	
Peter E Hmo	0	1	0	1	1	1	1	1	1	1	1	1	
Harry Drake	1	1	0	1/2 PM	1	1	1	1	1	1	1	1	
Harvey Drake	1	1	0	1	1	1	1	1	1	1	1	1	
Gilbert Sabin	1	1	0	1/2 PM	1	1	1	1	1	1	1	1	
Boarding With Mrs Sabin													
John W Curo	SL	SL	8	0 8H SL SL	0 8H SL SL	0 8H SL SL	0 8H SL SL	0 8H SL SL	0 8H SL SL	0 8H SL SL	0 8H SL SL	0 8H SL SL	DB
Harold Curo	SL	SL	8	1	1	1	1	1	1	1	1	1	DB
Garsold Curo	1	1	0	1	1	1	1	1	1	1	1	1	
Harvey Drake and son	1	1	0	1	1	1	1	1	1	1	1	1	

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CONTINUED ON PAGE 153



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Mission Twp

143

136-27

April 3rd

Crow Wing Co Minn

Wednesday

I take Miss Squires to school  
find my radiator leaking drive back  
to Sabin's Best solder my radiator  
for the second time

Harold and I get breakfast with  
Sabin and pull out for Beaman  
about 9 am.

Stall around Beaman till noon  
get no dinner (only candy)

Harold buys shoes \$9. Aches and  
the fitting \$3.50

Telephone Nels J. Nasheim

and go out in our Ford workhall  
P.M. for Maple Grove Twp and stay  
with W.M. McCall at McCall's Resort  
See Field Book No 8-

John W. Carr



Mission Twp  
136-27 Cemetery Survey  
135-27

141

Nov 29-1918 Friday

143

Gerald Curd<sup>nd</sup> I pack up survey outfit including 6-in boiler tubes and get started for Sabir about 11 AM. At Sabir about 1 PM get dinner then drives to Harvey Drakes place  $1\frac{1}{2}$  E of Sabir. Get Drake & back to Sabir. Then with my Ford Sabir & Son - Drake & Son - Curd & Son drives  $1\frac{1}{4}$  miles South West & E

Buy @ Hub 2891.80 Continue  
East bet 3<sup>rd</sup> & 34 T 135-136 R 27  
@ 3000 stake 3400 into N edge of  
Cranberry bog 3300 stake in bog  
34 25 LV bog 3501.60 Hub; 3600 stake  
3900 Hub 3914.50 E corner wire fence  
140.50 ft South of NW corner

3968.58 E look for Cor. to Secs  
2.3. 34.35 T 135<sup>nd</sup> 136 R 27  
US Nails call for

Pine 7 S 6 E 74 Lks = 48.84 FT

Pine 7 S 1 W 96 " = 63.36 "

Pine 18 N 60 W 331 " = 218.46 "

"No other trees near"

We do not find them and continue

East bet 2<sup>nd</sup> & 34 T 135-136-27  
John W Curd







143

135  
13627 Mission Lake  
Cemetery

143

Nov 30-1918 Saturday

Same Crew & Capt. Bert Sabin who  
drives us to work in his Ford - looks  
for skunks @ old bldgs and comes back  
home - no skunks there. We Continue

East bet 2<sup>nd</sup> & 35<sup>th</sup> Var reads 8°30'

Gerald McCuo @ helps me ch &amp; flags

Diaker & Son & G. Sabin @ At 4500 ch  
back 50 ft and @ 4450 Hub Var 8°30'  
4500 stake set last night. 4800 sth  
4875 Hub: 5100 Stake 5400 sth on line  
5616.80 Hub 5700-6000-6300 sth on line  
6343.80 Spike Var reads 8°20' @ 6570

Spike on R. bank of Mississippi River Runs  
SW 6600 stake

6608.58 look for 1/4 where US nails

Call for: Pine 18 N 38 W 70 Lks = 46.20 Feet

" 14 S 18 E 51 " = 33.66 "

We do not find them At M.C. being

6889.08 US Nails call for

Pine 20 S 89 W 23 Lks = 15.18 Ft } Not find

" 22 N 15 W 39 " = 25.74 "

At 6610 edge of water R. bank Mississippi-  
flow SW. Walk ahead but find no US Cor  
and Quit for mile over mile with Sabin

Snowed hard @ 10-30 a.m. Last day of hunting  
warm No tracking snow yet. John W. Curo



144

135 } 27 Mission Lake Trwp  
136 } Cemetery

Dec 1-1918 Sunday

143

Good tracking snow this morning. Beake <sup>and</sup> son walk to Sabins - who drives us in his Car to work then come back home and will bring out our lunch at noon.

John H Cues H & B Transit Double Center  
hubs being 204 spikes driven in the  
ground. Gerald Cues Ch - Fly - H & B  
Gilbert Sabir q. Harvey Drake  
fly Ch q. Harry Drake q & they  
continue our transit line

East bet 2<sup>nd</sup> & 35

Transit over Spike @ 6570 East

@ 6600 strike set last mile 6610 R Bank  
Mississippi River - Flows SW

Thence up center of river on very thin ice I am taking chinning and carrying long "safety" poles and hanging light to each end of the 300 foot life - Gilbert. Robin fallow along R bank with two dry poplar poles ready to rescue us if we go thro the ice. @ 6900-7200-7500-7800 stakes on ice @ 8080  
John W. Cune



135)  
136) 27

Mission Twp Work  
(T 136-27)

145

Dec 1-1918 continued

143

LV R bank of Mississippi - flower Westley  
At 7974.12 US, MC on R Bank

of Mississippi river calls for  
"An Elm 12" diam for corner"

Ash 55 40° E 23 LKs (= 15.18 Feet)

All appear to be gone

8150 Hub on bank: 8262 Hub on Hill

8400-8750 - stake on line: 8801.

spike on Bluff: 8991.40 spike in  
field 9000 stake on line

9248.58 E Hub Temp Co  
1-2-35-36 T 135-136 N 27 where

US notes call for

Pine 24 S 2 E 65 LKs = 42.90 Feet

Pine 30 S 64 W 60 " = 39.60 "

Pine 24 N 48 E 98 " = 64.68 "

Pine 30 N 76 W 157 " = 103.62 "

We do not find them but will look  
them up tomorrow.

At 9290 Hub on R. Bank of Miss-  
9300 stake: 9325 enters water's edge

We appear to be 100 or 200 feet  
too far South with our random at  
this point because @

9697.38 East US water  
John W. Curo



146

135-27 Mission Lake  
136-27 Cemetery 136-27

Dec 1-1918 Continued

call fr: "M.C. On R Bank of Mississippi.  
River" "Aspen 10 N 20° E 19 LKS" 12.54 ft  
"Weather trees near": Gone

Quit for night:

Nati: Bert Sabin walked out at  
noon with our lunch - Harold  
Curo quit after lunch and went  
home with Bert who took him  
to Beained in Sabin's car so  
Harold could start to school  
tomorrow or we hear the "bail"  
has been lifted on the "Five"

Harold telephoned me that he got  
home on the midnight train last  
night and that he could not get  
in our house and had to walk  
back down town to get a bed

I telephoned Ilo Curo at Jenkins  
tonight. Sabin took the school  
man out from Bed with him  
tonight

143

John W Curo



135-27 Mission Lake Twp  
136-27 Cemetery 136-27

147

Dec 2-1918 Monday 143

I walk out - meet Harney Deake  
on the line and we work alone

We try to find BTS @ cor li-

1-2-35-36 Bet T135-136-R27

but no stumps check up Walk South  
and find a stump on North (R) bank  
of Mississippi river marked "BT"

but as I have not got the notes for  
135-27 we walk back to Sabins  
where I call up Alma then call  
Register of Deeds but he says he  
cannot read US notes I call Alma  
again at 11 o'clock AM and she walks  
to Ct Ho and telephone the US notes  
which read as follows:

"Run South bet Secs 1 and 2 (T135R27)

On 11°30'E @ 344 Lks (= 227.04 feet)

set M.C. from which

W E 1 m 6 S 37½° W 33 Lks (= 21.78 FT)

BP 7 N 38° E 90 Lks " (= 59.40 " )

We find the stump of the 7 inch  
'BP' plainly marked 'BT' but as the bank  
is washed away I figure the position  
of this stump to set 46.81 ft North and  
36.57 ft East of the M.C.

John W. Curo

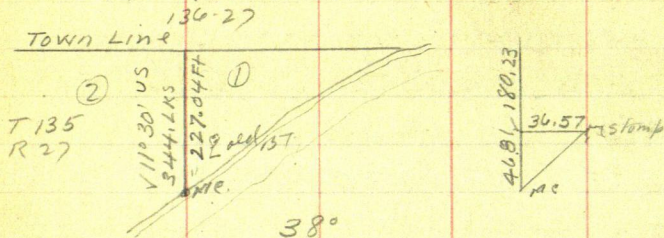


148

135-27 Mission  
136-27

Dec 2-1918 Cont'd

143



$$\text{Sine } .61566 \times 59.40 = 36.57 \text{ E}$$

$$\text{Cosine } .78801 \times 59.40 = 46.81 \text{ N}$$

Setting liant over old 13T stump

I run West @  $90^{\circ}30'$  - 36.57 feet and set stake for Wilmer Co being 46.81 ft north of me.

Then chain North 180.23 to a point

227.04 ft North of M.C. where I set the liant and find all four of the old 13T stumps

The N.W. and S.W. stumps stand perfect for course turned from the line line South and check 2 inches apart for change

the dirt to now being long and S.W. short

I drive stake between the two points for the line corner after which the root of the S.E. stump checks perfect and an old map of the N.E. stump stands

N  $52^{\circ}$  E and as 9 inches too close I pour this up and mark new 13T's viz

Co 1-2-35-36-135-136-27 New 13T's viz  
John W. Euro



Dec 2-1918 contd

Oak 9S 63°15'W 71.25 Feet	} To face of split at base
J Pine 5N 61°5'W 59.50 "	
N Pine 11N 36°50'E 64.12 "	
J Pine 6S 39°30'E 96.70 "	

Distance South to MC is about 2 feet longer than US chain calls for

Ht 9248.58 East this Sec Cn sets West 97.58 feet and North 141.10 Feet

Ht 9151. Ft East Cn to 1-2-35-36 sets North 141.10 feet being 97.58 ft short E & W.

Walking  $\frac{3}{4}$  mile West. I set monument on my last year's hole on the  $\frac{1}{16}$  line 5280 ft South and find that the line runs on  $10^\circ$  or so. I continue this South 125 feet intersecting my New E & W random line 55 ft West of stake "5400 E" being @ 5345 E but as it is too dark for accuracy we do the outfit and walk home to Sabine

See  
Record No 143

John W. Curo



150

135  
136 } 27 Mission

Dec 3-1918 Tuesday

Figuring Corrections

9248.58 goes West 97.58 to 9151.00 E

x Then 141.10<sup>N</sup> To Sec Cn 1-2-35-36

7928.58 goes West 83.65 to 7844.93

Then 120.97 North to the E 1/16 Cn 2<sup>nd</sup> 35

6608.58 goes West 69.72 to 6538.86 E

Then 100.85 North to 1/4 Cn 2<sup>nd</sup> 35

5288.58 goes West 55.79 to 5232.80 E

Then 80.70 North to W 1/16 Cn 2<sup>nd</sup> 35

3968.58 goes West 41.87 to 3926.71 E

Then 60.55 North to Sec Cn 2-3-34-35

2648.58 goes West 25.84 to 2622.74 E

Then 40.45 North to E 1/16 Cn 3<sup>rd</sup> 34

1328.58 goes West 14.02 to 1314.56 E

Then 20.28 North to 1/4 Cor 3<sup>rd</sup> 34~~28.58~~<sup>8.58</sup> goes West ~~0.31~~<sup>0.08</sup> to ~~28.27~~<sup>8.50</sup> EThen ~~0.44~~<sup>0.13</sup> North to W 1/16 Cn 3<sup>rd</sup> 34

Correction =

• 0.1055 of a foot West

• 0.1542 of a foot North = 0°53' Tang

Record No 143



135-27  
136-27

Mission Lake Trwp  
Cemetery in  
136-27

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Dec 3-1918 contd

Drake arrives and makes stakes all AM.

Birch 2x2x12 Sabin's wood pile

Sabin & his car takes me so to line

Ht 5100 on chain E 132.80 To 5232.80 E  
set 20<sup>d</sup> spike then turn 90<sup>+</sup> and run N.  
80.70 feet where I set a 2x2x30" poplar  
stake for the line West  $\frac{1}{16}$  bet 2<sup>nd</sup> and 35  
T 135-136 R 27

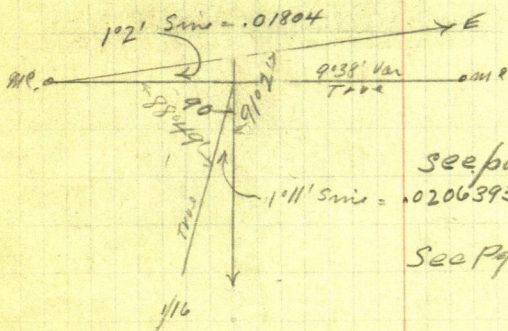
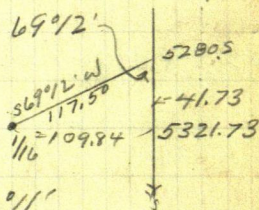
Set transit over my last years Hat  
No 5280 S. The  $\frac{1}{16}$  bears S  $69^{\circ}12'$  W 117.50 ft  
 $69^{\circ}12'$

Sine = .93483 x 117.5 = 109.84 W

Cosine .35511 x 117.5 = 41.73 S

Ht 5321.73 South

the  $\frac{1}{16}$  sets West 109.84 = 1<sup>st</sup> 11'



see page 16.

See Pg 8 for Plot

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T136 Mission Lake Tap  
R27 cemetery

Dec 3-1918 Cont'd

We work all PM cutting out.  
Cemetery Robin Curo & Leake. I go  
home to Brainerd and Le Leake to  
brush out cemetery to some extent  
Supper and over night at home No charge  
for my trip home.

Dec 4-1918 Wed. Curo all day at home  
in Brainerd

Co Record N<sup>o</sup> 143



T136 Mission Lake Cemetery  
R27 in the corner of  
NW-NW Sec 35

153

Dec 6-1918 Friday

Harold J Curo and I to home @  
11-30 drive to Sobins. Then I drive  
over and get Horney Drake and Curo  
Drake and Curo work all P.M. slaking  
Cemetery. I and Harold get dinner  
with Mrs Sobin. Harold goes home with  
Drake for supper and over night as Mrs  
Sobin has no room

Gilbert Sobin chairs for us  
one hour after school

Board Sheet Brod From Pg 139

Boarding With Mrs Drake

	<sup>SUN</sup>	②	③	+	5	6	7	<sup>SUN</sup>
Dec 1918								8
Harold J Curo	-	-	-	-	-	SL	B	

Note:- Drake broke his scythe the scythe and the  
town will have to buy a new one for him  
so I will give him for same = \$1.25

Co Record N = 143



154

Dec 7<sup>th</sup> 1918 Saturday

Harald comes over with Harvey  
Shake and his son Harry and with  
Gilbert Sabin I finish platting the  
north row of blocks 1 to 7 and fully  
staking same and putting iron nails  
at all four corners of the grounds  
proper leaving out the 33 feet for  
Twp road along the north side  
2x48" boiler tubes @ NW - SW and SE  
Corner and 2x26" boiler tube at NE C.  
See Plot Page 8 and 9

@ Record No 143

May 31-1919 Sat I check the new BTS  
at the corner and find them OK.

Jahm W Curo



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138-28 Jan 12-1933 Figuring  
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