

211.

DIETZGEN

---

ENGINEERS  
FIELD BOOK

No. 401

---

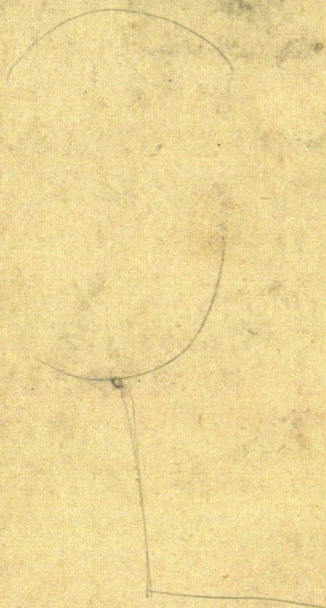


Nº 211



N<sup>o</sup> 11

N<sup>o</sup> 211





Index

45-30	Tabert Mine Survey	2	To	24
"	"	Secs 14-15-22-23	2	To 24
Polk	135-29	25	To	32
Nisswa	- 11-135-29	33	To	57
Garrison Twp	44-28	-	58	To '93
Garrison Twp	44-28	94	To	120



See 22- T45 P.30

Tabert Survey

Oct 24-1918 Thursday

John W. Cunn Ford Co

H & B Transit - 300' legs P.B.

Working for Jacob Tabert of  
Deerwood Minn. Land to be surveyed

in NW 1/2 NE 1/4 Sec 22- T45 P.30

all owned by Henry Tabert of  
Iron River Minn. EXCEPT 20 acres  
being the S 1/2 of NW 1/4 of NE 1/4  
and belongs to "Oil & Mining Co."  
of Deerwood in Sec 22.

I Copy US field notes 1 Hour

— AM.

P.M.

3.15 L. Brained

3.45 At Tabert's Home

Cuno - J. Tabert and J.V.

Christman with 1/4 mile NE to

Cor. to Secs 14-15-22-23

where US notes call for

Red P 16 N 81° E 400 LK = 264.00 FT

WP 105 48 E 335 " =

No other survey

John W. Cunn



45-30  
Tabert Survey

Oct 24-1918 Cont'd

We find a piece of battered iron pipe in cen of graded road 1 ft N of South wheel track of E & W road and in line with the Alati road running South.

The road South seems to run on  $12^{\circ}10'E$  or

Arabal pine stump which Mr Tabert says was the old B.T. stand about 6 ft to 7 ft away and using the road South as a meridian our line

" $N 81^{\circ}E$ " cuts about 2 rods North of old stump.

Old stump is about sets 35 ft north of E of E & W graded Alati road.

Herman Dutani?  
known about the old stump  
James J Christensen and Cur  
R.B. chain perfect along graded road

West bet 15-22

@ 1320 W. Hat not set with  
John W. Cur



Oct 24-1918 Could

West bet 15-22

@ 2601 W. fence runs South

@ 2640 W set hut (not lined in)

Temp  $\frac{1}{4}$  bet 15-22

US nales call for

Red Pine 9" N 13° W 21 Lks =

" " 6 S 38 E 50 "

We do not look much for them  
and continue West

@ 5280 Hut (Not lined with lion's skin)

@ 5287 West incline and slope

3x3x36 squared up well  
for Cor. to Rear

15-16-21-22 T 45 R 30

where US nales call for

Tamarack 11" S 40  $\frac{1}{2}$ ° E 17 Lks -

" 10" S 56  $\frac{1}{2}$ ° W 65 " =

WPine 12" N 16  $\frac{1}{2}$ ° E 110 Lks =

Aspen 6" N 61° W 78 " =

We do not look much and

Quit for night I take supper  
with Mr and Mrs Christensen and go  
home in evening Quit at 6 pm

25 minutes driving home = mail

10 miles @ 15 \* + 4 H. 10 M @  $\frac{1}{2}$  20 = 5 +  $\frac{1}{2}$  50 = 6.50



Oct 25<sup>th</sup> 1918 Friday

Curo & Ford Car

L & Bed @ 1.50 PM arrive

Christensen's 2.15 - 25. minimal

Tablet drives Christensen's team

Beg @ old stake @ Car to

15-16-21-22 T 45 N 30

Chain along graded road

South bet 21-22

1320. S Hat not lined

1359. 40 So new fence runs East

2640. Hat not lined in

2663. 30. South Fence runs East  
and another west

@ 1/4 Bet 21-22

US nalis call for

Red Pm 6 S 72° E 400.

No other lines near

We do not look for this. at

3876 S. fence runs East

3960 Hat not lined

5280 Hat + 66.2 =

5346.20 Hat in corn woods

Ht on ti pier

21-22-27-28 T 45-30

US nalis call for



T 45-30

Oct 25-1918 cont'd

Tamarack 10N 30E 80 =

Hyphen 5S 66E 28 LKs -

Bk Oak 10N 33°W 115" = 75-90 ft

No other lines near

August Nelson who lives on  
NW Cor Sec 22 T 45 R 30 and has  
lived there for 10 or 12 years says that  
the old stake @ NW Cor 22 is  
correct also that Harrison  
established the SW Cor 22 from the  
root of the old NW oak B.T.

We find an old oak root stones around  
about 2 ft long away from a  
point in cross road. 33 ft West and  
33 ft S of SW Cor post of fence NE

We then drive 2 miles NE  
and beg @ IM Temp on T-rail  
14-15-22-23 T 45 R 30 and  
chain along State road

South bet 22-23

@ 1269.50 fence runs E

1320 But not lined

2575.40 S. fence runs E out

Christensen tells me John



45-30  
Tahiti Survey

7

Oct 25-1918 could

Bortlett former Co Surveyor put in  
an iron mon for the  $\frac{1}{4}$  c. here and  
that this fence was built from  
this iron.

at this pt being

$\frac{1}{4}$  bet 22-23 T45 R30

US nolis call for

BP8 N 45° W 10 LKS = 6.60 ft

" 10 N 80 E 28 " =

These appear to be gone

2640 S set but not lined in

3916.50 S Faint ruins E

3960 Hut

5262 S old fence E & W

5280 Hut near cen to

22-23-26-27 T45 R30

where US nolis call for

Aspen 6 N 12 W 26 LKS -

" 5 N 51 E 29 " =

" 5 S 37 E 26 " =

" 6 S 43 W 88 " =

All appear to be gone

Mr

who lives on SW corner 23 tells  
us that John Bortlett estab-



Oct 25-1918 Cont'd

linked this con to sec

22-23-26-27 by

Channing E. N. only

At the 1/4 Con bet 22 and 27,

T45 R30 US sales call for

W Birch LN 62° W 39 lbs

BK Oak 55 18° E 28 "

We do not look for them

Eat supper with Christensen

get in @ 6 P.M.

After supper they call up one  
of the mine owners and I talk with  
him

Go home after supper in 25 minutes

4. Hour @ 12° = \$4.80

35 mules @ 2°

70

\$5.50

\$7.00

Add 10 mules @ 15° 150



45-30

9

Oct 26-1918 Saturday

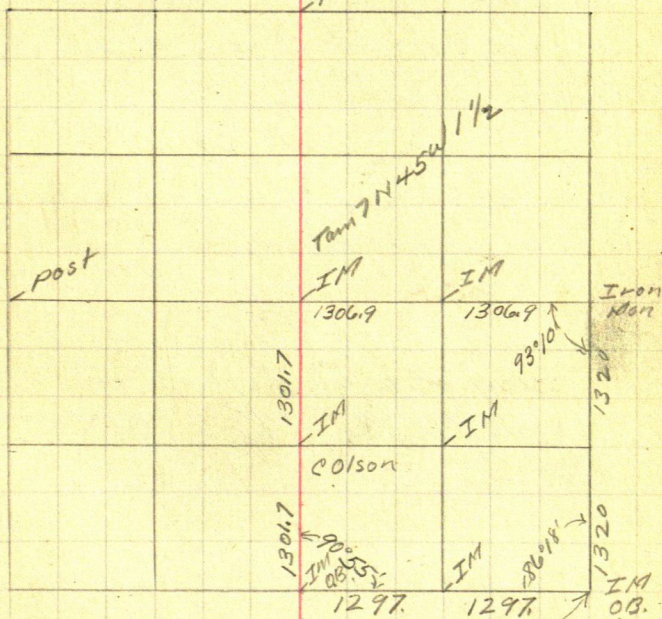
Copy records of old surveys  
around Sec 22- T45 R30

I find an old record as follows  
On Page 71 of Record Book of Surveys

Garrison's Map and Record

15 T45 R30

post



New Bearing  
BK Oak 6 N 55 W 51.5  
JP 8 N 73 1/4 W 53

May Van

Certified True



45-30

Take Survey

Oct 26-1918 Cont'd

Note: Garrison's Certificate

Sept 26-/11

Chairman

Herman Skellum

J F Edquist

I hereby certify that the above  
 plat is a correct description of  
 survey in Sec 15 T45 R30 as  
 made by me Sept 26/11

Sgd. Lewis E Garrison  
 Co Surveyor

This was a bill of a survey done

2 Hour work @ \$1.20 \$2.40

Auto 1 mil

15¢  
 \$2.55



Oct 27-1918 Sunday

All day at home rain

Time Changes

Oct 28-1918 Monday

All day at home rain

Set my new watch back 1. hour

Oct 29-1918 Tuesday

Gerald and I in Ford

@ 10-30 AM Arr. 11-9 AM.

wild notes till dinner

PM.

L. @ 1-30 about

Cisco Tabert-Christensen in  
my Ford drive  $\frac{3}{4}$  mile West  
and  $\frac{1}{4}$  mile South and take the  
magnetic bearing of the road  
on West side of Sec 22

Road road  $15^{\circ} 50'$  Var E

Then drive  $\frac{3}{4}$  miles N and E  
to  $\frac{1}{4}$  Cor bet 15 and 21

We find the 1" IM as  
recorded by Garrison on  
Page 71. C. record book  
John W. Cisco



Oct 29-1918 Tuesday Contd  
 of surveys and it is 14.70 ft  
 E of Fence running So, and  
 is  $2601.0 \text{ minus } 14.70 = 2586.30$   
 ft West of our O.O. @ NE cor of 22

We then drive  $\frac{1}{2}$  mile East to  
 Cor of secs 14-15-22-23  
 and using Garrison's  
 notes locate his I.M. which  
 is a 1" I.M. in E & W road  
 Cen and checks to a  
 frozen with the stump of  
 the old 16" Red Pine @ 8°30' Jon  
 New BTS

14-15-22-23 T45 R30

8°30' Jon

Old 16" Red P. B.T. bears N 81°E 264.00 ft  
 Garrison's old "8" JP" bears

N 63°50'W 53.00 Feet

Garrison's old Bk. Oak 6" is now  
 only a stump and bears

N 46°5'W 51.50 ft

I mark New BTS viz

JP 65 45°18'E 171.00 ft to base  
 Oak 7 N 47°28'E 61.25 ft. "



45-30  
Sec 22

13

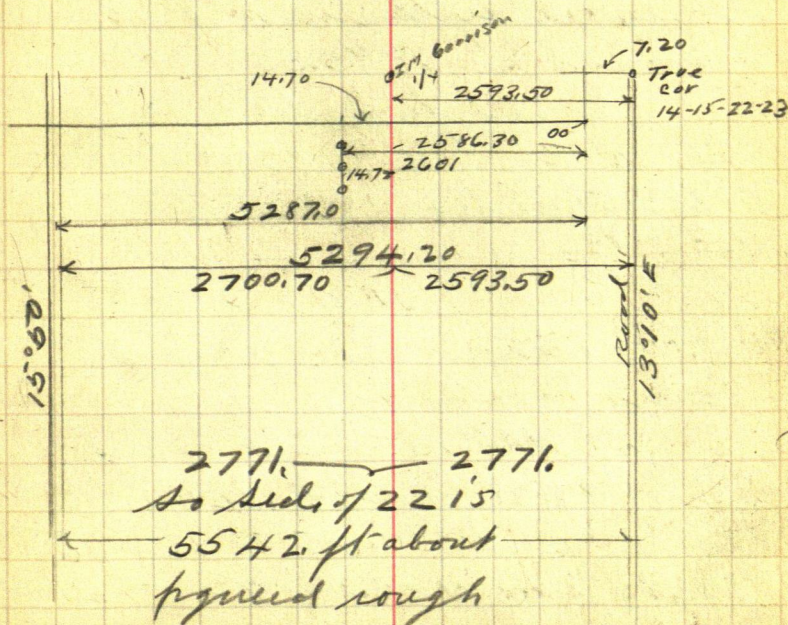
Oct 29-1918 Could

Chirlemon & shovel buries a  
10x12 stone B.O. sharp point of  
tip above ground and bears  
S 51°30' W 63.10 ft to sharp  
point on tip

All @ 8°30' down

Our O.O. point which is a 2"  
battered gas pipe lies 7.20 ft  
West and about a foot South

E bdy Sec 22 along  
road runs on about 13°10' O.E



NO GOOD CHANGE See Pg 18.

John W. Cunn



Oct 29-1918 Could Tabert Survey

Figuring length of the body  
of sec 22 in the Rough

E Bdy  $13^{\circ}10'$  Spread =  $2^{\circ}40'$

W Bdy  $15^{\circ}50'$

$2^{\circ}40'$

Sine =  $.04653 \times 5280 = 245.68$  ft

247.68 added to 5294.20 = 5542.

Presuming that the  $\frac{1}{4}$   
on the side of 22 is lost  
the lost half would figure  
2771. feet about and each  
forty along the side of 22  
would be 1385.50 ft

Course from the E  $\frac{1}{4}$  on  
the north side would run  
1385.50 minus

1296.75

88.75 ft West in one mile

= .01681 =  $0^{\circ}58'$

about 1. degree less than the  
East boundary

At Hat 1320 west which  
is 1327.20 West of NE corner we  
chain East 30.45 to 1296.75  
West of line NE corner of 22 Then  
run South  $12^{\circ}10'$  or along



45-30

15

Sec 22.

Oct 29-1918 Cont'd

East  $\frac{1}{16}$  line in cen of NE  $\frac{1}{4}$  of  
Sec 22 Rough lineToo dark to see sights and quit for  
night L @ 5.45 on home in Red

@ 6-10 PM deduct 1 Hour for dinner

10-30 To 6.10 = 7 Hours and 40 minutes

less 1 Hour = 6 Hrs 40 minutes @ \$1.20

= 87.20 + 80¢ = 88.00

Also Auto 10 miles +  $2\frac{1}{2}$  = 12.5 miles@ 15¢ = 1.85 = \$9.85 Total

Oct 30-1918

Wednesday

Mist and rain all day Stay home  
in Hammond

John W. Cress



- Oct 31 Auto 12 mi @ 15¢ = 1.80 Time 9:45 to 6 = 8 1/4 hour  
Less one hour for dinner - 7 1/4 @ 1.20 = 8.90
- Oct 30 Home all day Rain + mist
- Oct 29 10-30 To 6.10 = 7.40 Less 1 Hr = 6.40 @ 1.20 = 7.68  
Auto 10 + 2 1/2 = 12.5 @ 15¢ = 1.85 Total 9.53
- Oct 28 All day at home Rain in AM
- Oct 27 Sunday Rain all day + night
- Oct 26 1918 Copied Notes <sup>Sund</sup> 2 hours @ 1.20 = 2.40 Car 15¢
- Oct 25 4 Hr @ 1.20 = 4.80 35 mls @ 2¢ = 70 = 5.50 } 8.70  
Auto 10 miles @ 15¢ = 1.50
- Oct 24 One hour on notes Total 3.1 hr 10 mls @ 1.20 = 3.80  
Auto 10 miles @ 15¢ = 1.50 Total 5.30
- Oct 23







Oct 31-1918 Thursday

Lv. home @ 9.45 Am. with Gerald  
and my Ford At Christensen's  
farm @ 10.15 Am work till  
12-15 P.M.

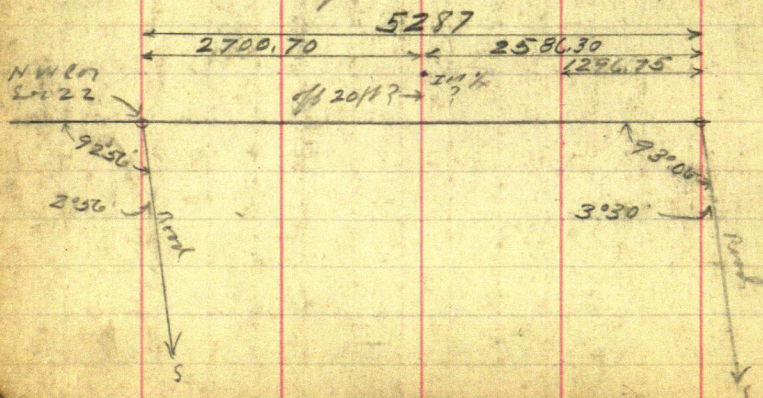
Christensen and Tabert help me in  
Gerald does not work

We set up transit @ camp  
1/16 being 1296.75 ft E of N.E. Cr.  
Then run South on  $12^{\circ}10'$  on E  
South along E 1/16

@ about 300 ft to set up  
transit - back sight N on 1/16  
On and needle reads  $22^{\circ}$  E

Too much magnetic. on to  
bust the needle so I decide  
to take the

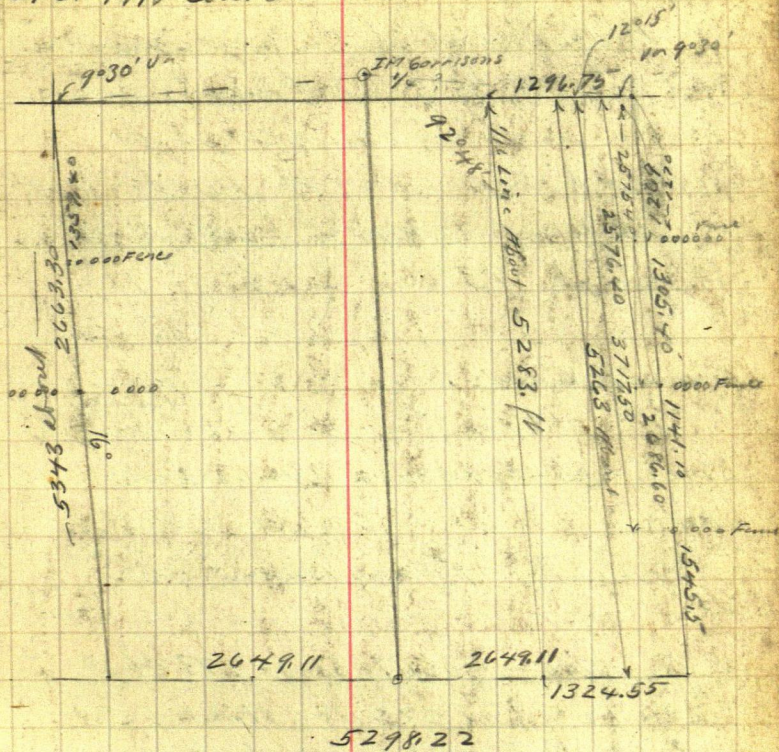
Angle @ NE and NW Cr





269

269





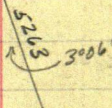
Oct 31-1918 Contd

We first took the SW angle @ NE cor  
and it read  $93^{\circ}30'$  but found out later  
that in righting a mile West we  
should have run 9 ft further South  
in the first 1296.75 ft which leaves  
the angle  $93^{\circ}06'$  See page 18.

Figuring E. side 22

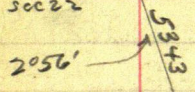
$3^{\circ}06'$

NE cor 22



$$\text{Side} = .05408 \times 5263 = 284.62 \text{ East}$$

NW cor  
sec 22



Figuring West side of 22

$$2^{\circ}56' \text{ Side} = .05117 \times 5343 = 273.40 \text{ E}$$

$$284.62 \text{ minus } 273.40 = 11.22 \text{ feet}$$

Added to N. bdy of 5287.00 =

$$5298.22 \text{ feet} = \text{Length of}$$

South side of sec 22.

$$\begin{array}{r} 1324.55 \\ 1296.75 \\ \hline 27.80 \end{array}$$

$$5298.22 \text{ mts } 27.80 = .00526 = 0^{\circ}18'$$

With Transit @ hut 1296.75 West  
and in line with NE and NW cor of sec  
22 we should turn  $S 3^{\circ}06' L$



Oct 31-1918 Cont'd.  
 then back to the Right  $0^{\circ}18'$  which  
 would leaves  $2^{\circ}48' L$  and run  
 South on  
 approximate East  $\frac{1}{16}$  line of sec  
 22 - T45 R30.

Cisco and Tabert in Ford get the  
 angle of NW Cr. sec 22 the  
 SE angle reads  $87^{\circ}04'$

SW angle  $92^{\circ}50'$

Begin at a point on line bet  
 the NE Cr and NW Cr about  
 9 ft South and 3.20 ft West of  
 the E  $\frac{1}{16}$

Turn  $90^{\circ}$  South then  
 $2^{\circ}48' L$  on East and run

South 3.20 ft West of and  
 parallel to the  $\frac{1}{16}$  line

Chain from the  $\frac{1}{16}$  Cr  
 @ 3005 slits @ 386 S. we  
 are about 3 ft West of SW Cr  
 of wagon wheel @ 461 Hub  
 30.20 ft North of barn Hit  
 big real barn about in center



Oct 31-1918 Cont'd

At 461 So set hub 3.20 ft  
East on line

Turn 90° from line line and  
set hub 40. ft west

Turn 90° and run

South 40. ft West of  
line line & parallel to same

@ 205.30 Hub 666.30 South

Thence 124.20 to Hub 790.50 S

Thence 167.50 to 958.00 Hub

10 ft So of S edge of  
opening of mine

Then @ Hubs 666.30 also Hub  
790.50 and 958.00 we chain E  
40. ft and set hubs on what  
should be the 1/16 line

@ 660 So we chain East

40. ft and set round 2. ft  
stakes for line NE cor of the  
Blinn Co's "20"

The "Hale" or mine opening  
is 100 ft across and 25 ft  
of E. edge lies East of 1/16 line  
a narrow railroad runs

210 ft East Begins @ NE cor



Oct 31-1918

of hole end runs East 210 ft

the pile of dirt taken from  
the mine begins 50 ft from  
Hole and extends N.E.

widest @ E. end where it is  
75 ft wide 8 ft hi on N side  
6 ft hi on E. end 4 ft hi on  
S side

About 3. ft of the East Cor.  
of Box is E of  $\frac{1}{16}$  line

Time 9:45 To 6:00 Less 1. Hour for  
noon = 7 <sup>45</sup> minutes @  $\frac{8}{120}$  = 9.30

Auto 10 miles  $\div 2 = 12 @ 15 \text{ c}$

John W. Cress



24

45-30

Tabert Survey

Oct 31-1918 Continued

Copy of Bill

Bramerd Minn

Oct 31-1918

Jacob Tabert

To John W Curo Dr

Engineer work in survey of  
Mining property and Sec Lines

Oct 1918

24	"	4	Hours	10	Minutes	@ \$1.20	=	5.00
25	"	4	"	35	"	"	=	5.50
26	"	2	"	00	"	"	=	2.40
29	"	6	"	40	"	"	=	8.00
31	"	7	"	40	"	"	=	9.20
								<u>\$ 30.10</u>

Auto

Oct 1918

24	"	10	Miles	
25	"	10	"	
26	"	1	"	
29	"	12 1/2		
31	"	12		
			45 1/2 Miles @ 15¢	\$ 6.83
Total				<u>\$ 36.92</u>

Oct 31-1918

Received payment in full  
John W Curo

Note:

Mr Tabert was delayed in  
making change and I let it go  
@ \$35. Curo



135-29

25

## POLK SURVEY

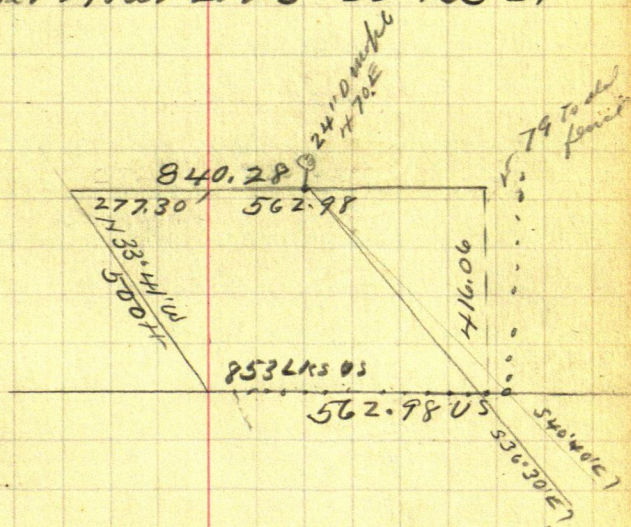
April 30 or May 7 1922 Sunday

Alma - Gerald - Reed - Junior  
go with me in Baby Grande to Gull  
Lake - Meet A D Polk and Miss  
Grace Polk his daughter who  
are settling an estate and will  
deed 500 ft of lake shore to  
Mr and Mrs Whitney

It is to be 500' along the lake

Rough Survey -

SW Corner Gout Lot 3-23-135-29





# Path Survey - 135-29 Gull Lake

Apr 30 - or May 7 - 1922 Cont'd

A D Palk likes me to an old ETW fence which he says maybe the line bet Sec. 23 and 26 - T135-29 and at a pt where general course of fence would cut the sand beach of Gull Lake. A D Palk and his daughter Grace assisted by Mr and Mrs Whitney

drive a stake which I think is too far West and too near the water for the U.S.M.C.

Anyhow they drive the stake and tell me to get busy and run where they tell me.

Fence line runs on  $6^{\circ}40'E$  or which is not the course for the sec line. However I use it (under protest)

On our hut on beach  $15^{\circ}40'$  Stake on top of high bank 10 ft up is East  $24.3$  ft East sharp cut bank.

Oak 15 N  $12^{\circ}30'E$  41.45 flat spot

" 6 S  $54^{\circ}50'E$  54.25 bare

run N  $33^{\circ}41'W$  500 ft on sand  
John W. W.



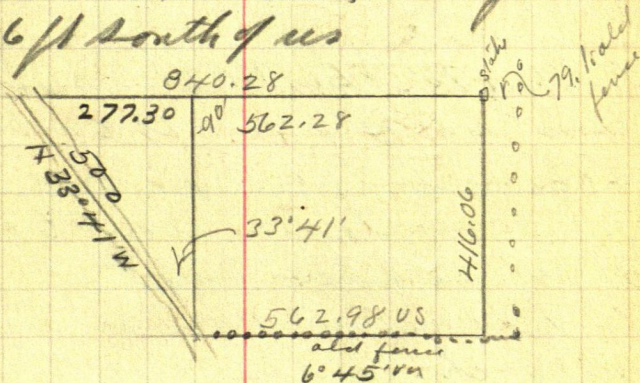
Apr 30 or May 7-1922 Contd

27

beach - set small stake  $1 \times 1 \times 12$ "  
in sand 20 ft from water and 12 ft  
from edge of grass bank run  
East 25.70 ft and set  $2 \times 20$   
inch oak stake on bank

Bearings to small  $1 \times 1 \times 12$ " stake  
Oak  $6 N 8^{\circ} 12' E$  19.30 spot at bank  
"  $8 S 72^{\circ} 44' E$  45.00

$2 \times 20$ " oak stake East 25.70 ft.  
run East  $6^{\circ} 45'$  or parallel or  
near as can tell with old fence  
416.06 ft South of us



33° 41'

since  $55460 \times 500 = 277.30 W$  O.K.  
corr  $83212 \times 500 = 416.06 N$

$1 \times 1 \times 12$ " Hub = 0.0. run East.

at 25.70 stake: 296.6 Hub 400 stake

490.50 Hub: 600 stake: 650 end in marsh

755 Lvsame 830 Hub on side hill  
Jahn W Euro



$$\begin{array}{r}
 830 + 10.28 = 840.28 \text{ E set stake.} + 79.0 \\
 = 919.28 \text{ stake at old N of fence } 419.76 \\
 \text{N of E + W fence} \quad \begin{array}{r} 416.06 \\ 370 \\ \hline 419.76 \end{array}
 \end{array}$$

Nali: Later we will set this stake.

89.28 ft West to Hut 830. East.

Nali: This stake should be set 10.28 East to fit US valve but I take off this 10.28 ft to make sure I am not too far East - over the line?

Nali: 470 ft East of pt on sand 1' x 1' x 12' stake and 444.30 ft East of 2' x 2' in stake on sea wall a 24" Dead maple set about 6 ft S of our random line

Palms road - R & W will turn just West of this dead tree road to be 20 ft wide and just rub the dead tree or road turn SE. ?

36°30

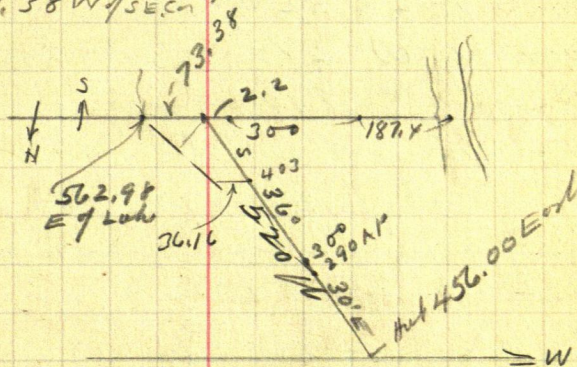
$$\begin{array}{rcl}
 \text{sin } 59482 \times 290 & = & 172.50 \text{ E} \\
 \text{cos } 80386 \times 290 & = & 233.12 \text{ S}
 \end{array}$$



27

Herald and I - met Palk and  
Whitney at 490.50 Hat East Chain  
West 34.50 = 456.00 East Hat  
run S 36° 30' E

@ 290 Hub Ap. 300 slats: 403 slats  
520. Hub 489.6 ft East of Hub on  
lake = 73.38 W 75 E. on



By @ Palt's hub on lake chain Eoston  
old fence 562.98 set tall stake for  
top of road to run NW

Beg @ apt on North side of Whitney  
 liast - 456 ft East of hut on sand  
 beach run  $S 36^{\circ} 30' E$  290 ft when AP  
 turns Left and runs  $S 48^{\circ} 30' E$   
 about, 280 ft about. scaled on  
 map.

Jahresw. Cues



30

May 21-1922 Could

Note: To figure & road across  
a strip of land 500 wide along lake  
shore and 416.06 ft wide

OR

The South 416.06 ft of Grant Lot  
3-See 27-135-29 Road w/ 20 ft wide

Reg @ SE Co. run

N 49° 11' W 279.88 feet Thence

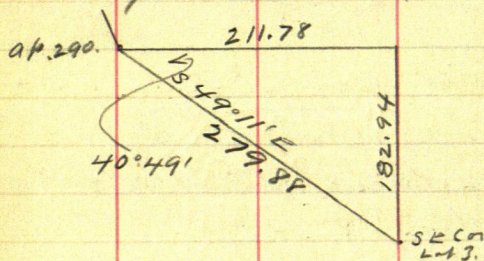
N 36° 30' W 290.00 " 1/2 stake on

North line of said tract - 456.

ft East of stake marked O.O.

in center of sand beach on

shore of Gull Lake













Nisswa ①

⑩

⑪

1/4

012772  
1333.55  
2662.10

North  
89°45'30"

553.38W

5226  
556.33  
5841.30"  
66.00 ft  
w/cor

90°

134763

3949

2141.87

N 89°38'30"W

2695.25

N 89°45'30"W

134763

N 86°51'W

1341.5

2683

1341.5

71.4

90°25'30"

50°11'E 5313.1 Via Random

1341.5

2683

1341.5

71.4

90°25'30"

50°11'E 5313.1 Via Random

1341.5

2683

1341.5

71.4

90°25'30"

50°11'E 5313.1 Via Random

1341.5

2683

1341.5

71.4

90°25'30"

50°11'E 5313.1 Via Random

135-29

⑪

SO Line  
Sec 11-135-29

⑫

⑬

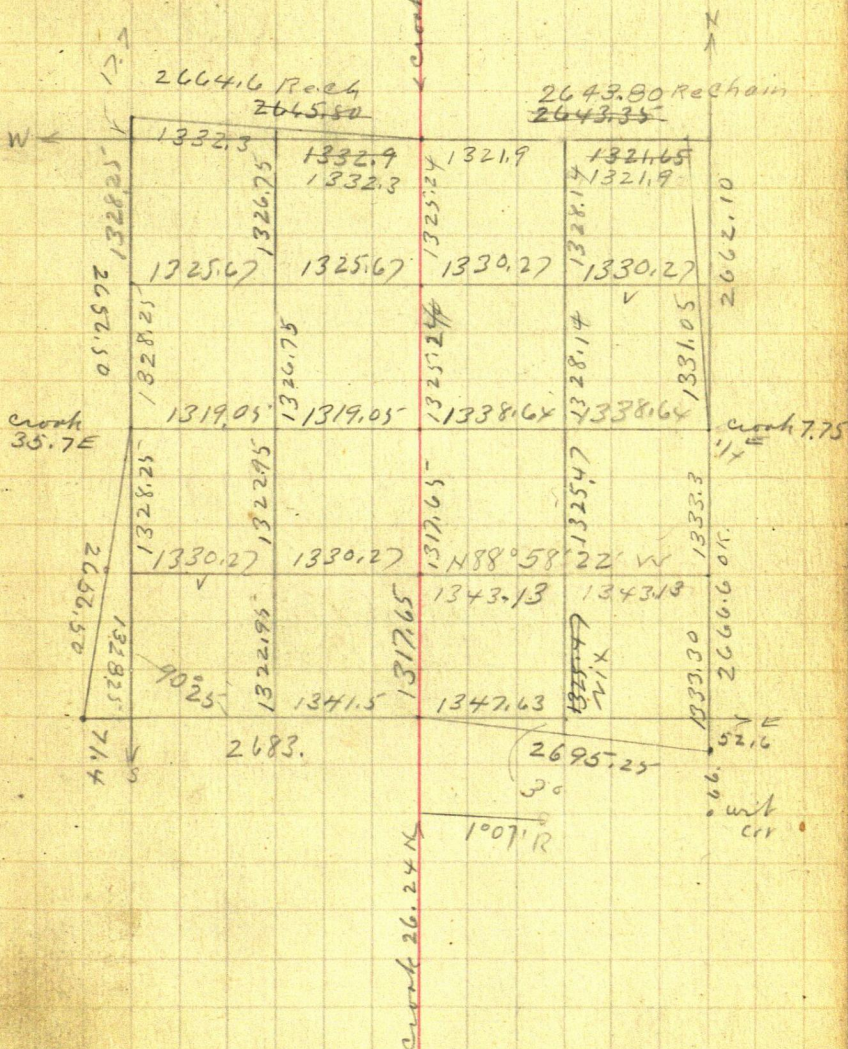
⑭







五





Oct 29-1922 Sunday

Babcock  $\pi$ 

Quio Rod. Sladies E side Fish Trap  
 Lake  $\pi$  @ US MC. E side of Lake to side  
 Acc 11-135-29. Using Decline East  
 as base for meridian

0 = US m.

Sto 1, beam IX 42°35' E 1.35 = sea wall

" 2 beam N 40°04' E 2.10

" 3 " N 34°54' E 2.50

" 4 " N 18°12' E 3.15

" 5 " N 16°10' E 3.50

" 6 " N 15°46' E 4.85

" 7 " N 9°53' E 7.65

" 8 " N 7°34' E 10.30

" 9 " N 6°45' E 11.50

" 10 " N 0°46' E 12.15 = TP

 $\pi$  e 86°10'

" 11 " N 50°24' E .63

" 12 " N 9° W .92

" 12 " N 19° W 1.40

" 13 " N 25° 20' W 2.15 <sup>last part</sup> fence 10' of sandy fine back

14 N 23° 10' W 3.75

15 N 34°10' W 6.15

= TP 15' W from water



# Court proceedings

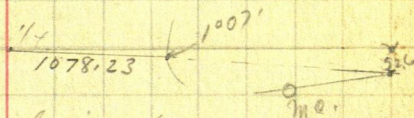
See Envelope 238 Clerk of Court  
 Off. Crow Wing Co Minn  
 Torrens Chas & Layburn

July 27-1919. Beg @ Co 11-12-13-14  
 135-28 thence S 82° 44' W 560  
 ft to Corn Mon thence

Continuing same line to McEnder  
 corner or set from original Govt.  
 bearing line being a White Pine  
 30 inches in diameter South 9°  
 East 22.4 feet

OW Stanton Dec 6-1919.

Solid.  
 Sec 11-



$\pi @ 1/4$  Solid Sec 11. 600 right-on  
 SW cor Transit blerco thence 1007' R and run  
 E on line line to SE cor sec 11.  
 Put up m.c. on E side  
 $2647.92 \text{ us} = 2695.25 \text{ my @ } .0178744 \text{ long}$   
 Proportion to m.c. is  $1059.30 \text{ ft us} = 18.93 \text{ long}$   
 $1059.30 + 18.93 = 1078.23 \text{ Ft E } 7 1/4$



38 Leave Brd. @ 10.15 A.M.

(6)

Nov 16-1922 Babcock  $\pi$   
Anderson Sladies Rd H & B trail  
 $\pi$  @ Hub 2080.30 W. on line line  
back right East on line line  
Road reaches S E edge of lake

- 1) 7.50 S  $25^{\circ}23'E$  " " " "
- 2) 6.01  $\pi$  S  $50^{\circ}23'E$  To Hub first study flat at Bog.
- 3) 2.56  $\pi$  S  $39^{\circ}10'E$  To stake by Bog.
- 4) 4.72 S  $45^{\circ}19'E$  E. edge of Lake
- 5) 10.08 S  $54^{\circ}18'E$  W end of Boat house
- 6) 10.08 S  $42^{\circ}59'E$  E " " "
- 7) 4.60 S  $53^{\circ}22'E$  S end of Lake behind E. edge of Bog.
- 8) 2.41 V S  $63^{\circ}31'E$  N. end of " " " " Bog.
- 9) 1.75 N  $14^{\circ}12'W$  E. edge of Bog.
- 10) 5.90 N  $38^{\circ}25'W$  East edge of Bog & at fence

Dinner @ Swanson's. @ Misswa @ 12.10 P.M.

$\pi$  @ Hub 2080.3 W finish Lake & Bog South of Road.

- 11) 1.00 N  $31^{\circ}30'E$  E. edge of Bog.
- 12) 1.19 N  $37^{\circ}34'W$  about 25 ft S. of Road.
- 13) 2.20 N  $78^{\circ}16'W$  edge of Lake.
- 14) 2.55 N  $64^{\circ}27'W$  5 ft S. of fence.

Thence N  $4^{\circ}18' W$  6.35 to hub across  
road in big meadow = 0.0



Sec. 11-T135 R29.

39

Nov. 16, 1922 Contd. (K @ 6.35 or 0.0 in S. aug.)

Prod. Roads. 0.0 in Large Bay.

1.)	1.86	N 84° E	✓	High Land
2.)	2.48	N 34° 45' E	✓	" " "
3.)	5.35	N 31° 30' E	✓	" " "
4.	6.90	N 24° 20' E	✓	" " To 1/16 line.
5.	7.10	N 25° 18' W	✓	H. Land E edge of bog.
6.	6.95	N 55° 38' W	✓	East side of creek.
7.	5.25	N 82° 39' W	✓	High Land. E edge of point.
8.	3.40	S 63° 15' W	✓	" " W edge of Bay.
9.	3.12	S 29° 29' W	✓	" " " " " "
10.	3.70	S 5° 34' W	✓	" " S edge of Bay.
11.	4.60	S 70° 08' W	✓	H. Land 20' North of Road.
12.	5.01	S 6° 47' E	✓	H. Land 6.0 ft N of Road.
13.	3.55	S 14° 50' E	✓	H. Land S. edge of bog.
14.	5.70	S 35° 30' E	✓	" " " " " "
15.	5.05	S 51° 30' E	✓	" " SE " " " "
16.	3.70	S 69° 24' E	✓	" " E edge of bog.

From Hub. 1799.60 S of 1/4 N. side Sec 11-T135 R29, take Stadia of Lake & Bog West of NTS E. Sec 11.

HUB. 1799.60 S = Point 0.0.

Prod. Roads. Course.

1.	1.35	N 69° 47' W	✓	10 ft. E of Water.
2.	1.90	S 77° 02' W	✓	15 ft. E of Water.
3.	1.22	S 72° 15' W	✓	High Land N edge of pt.



Nov. 16, 1922. Cont'd Thursday.

Chain S 72° 15' W. 1.22 to hub for  
stadia of Lake on west side of point.

From Feb. 1.22 at 0.0

✱ @ itub 1.22:

Pod Rucula.

- 1) 1.) 1.00 S 39° 42' W E edge of Lake.  
2) 2.) 2.05 S 15° 41' W. E edge of Lake.

- 2) 2.1 2.05 S 15° 41' W. E edge of Lake.

3) Thence to hub. 2033.27 East on  $N\frac{1}{2}$  line

as point O.D. Run box on E. side of Creek

37 Rod Keadla

- |    |     |       |             |                      |                     |
|----|-----|-------|-------------|----------------------|---------------------|
| 6) | 1/1 | 3.55- | N 15° 18' E | to top of High Land. | 2 as 15<br>standing |
| 7) | 2/1 | 5.35- | N 20° 10' W | to E edge of Crack.  |                     |
| 8) | 3/1 | 2.29  | N 46° 35' W | " " " " "            |                     |

- 7) 21.5, 35- N 20° 10' W. to E edge of Crack

- 8) 31 2.29 N 46° 35' W " " " " "

Chain W along N  $\frac{1}{2}$  line: 300, 600,  
900, 1200, 1330.27 Hub for true  $\frac{1}{2}$  cen-  
ter NE  $\frac{1}{4}$  sec 11-135-29. continue W  
to hub @ 2033.27 in marsh for station.  
Leave Oresswa @ 5:00 P.M.

900, 1200, 1330.27 Hrs for time 4.6 cm

Cor NE  $\frac{1}{4}$  Sec 11-135-29, continue W

to hub @ 20 33.27 in marsh for Madia

11 Leave Misswa @ 3.00 P.M.

12  
13  
Anderson & Babcock.

[illegible]



(9)

Nov 17-1922

Curo and his son take JP Babcock  
and Roy Anderson to Brainerd @ 10 am  
drive to Vinwa. At my old Hub:  
2443.70 to -- Stone, her a hub. 2.35-  
ft E of which he has marked: 2443.50  
giving him the benefit of the doubt  
we call my hub 2443.00 from  
which Roy and I chain south on my  
old random line 188.50 to 2631.50  
so of NW cor of sec 11-135-29, and set  
Temp Hub 25 ft N of point for 1/4  
cor in river and 10 ft N of river bank

⌘ @ Hub 2631.50 Take Aladia  
Babcock ⌘ Curo road

North 100' to march  
N 87° E 1.50 v edge of river  
1.47 N 45° 30' E edge of hill  
2.38 N 79° 40' E river bank  
From 2631.50 S run N 72° 34' E 3.95  
⌘ over 3.95 River 15 ft so Monk 50 Hub  
S 88° W 200 ft to S point of poplar timber  
N 76° 15' W 150 ft to solid land  
N 61° 45' E 1.57 river bank lake  
N 43° E 1.25 N 45° 35' E  
From 3.95 run N 45° 35' E 2.68 to Hub  
5 ft from lake and 15 ft from solid land  
⌘ @ 2.68 Road  
N 33° 13' E 1.35 lake and solid land  
2.90 N 31° 37' E 15 ft E of seawall  
and solid land  
From 2.68 run N 32° 14' E 9.16 to hub  
on sand beach 6 ft from water and  
15 ft E of sec wall  
⌘ @ 9.16  
S 44° 51' W 2.15 = 10' from water 6 from bank  
S 44° 57' W 1.30 ft 10 ft from lake and 10 ft  
sec wall  
N 47° 10' E 1.60 bank  
N 54° 25' E 3.45 to 1/16 Temp cor in center of  
NW 1/4 sec 11-135-29 = 20 ft from seawall  
John W Curo

OK



Nov 17-1922 - Continuing dinner with Swann

At Hot Temp Center of S.W. 1/4 sec 11  
which figure 1325.67 E we chain west  
on random 37.67 to old Hot 1288.00 E.  
figured at which pt we may set T.M.  
also another Hot on line running so at  
1301.90 S.  
Distance bet Hot. 1288.0 E and 1301.90 S  
is 43.70 ft

NOTE: We may change these hubs further  
back from the lake

T @ 9.16 N 55° 20' E 4.65 top sea wall  
N 61° E 6.00 20 ft from sea wall  
N 64° E 7.88 = edge of lake 30 ft  
20 of N edge bog.

From 9.16 run N 68° E 9.35 To Hot on edge  
of mud shore of lake 70 ft to 7  
solid land

π @ 9.35 N 35° E 1.20 solid land  
S 54° E 60 ft edge of lake  
S 62° E 1.77 edge of lake in woods  
S 51° 18' E 4.58 edge of lake  
S 51° 48' E 5.50 mouth of creek  
S 54° 30' E 6.10 creek bank on side  
S 68° 02' E 8.00 on N bank of creek  
N N + S E sec 11-135-29. out 125 and  
From 9.35 run S 82° 51' E 6.25

π @ 6.25 S 64° E 3.7' N bank creek 80 ft and  
S N 87° E 4.6 " creek 80 "  
N 78° 48' E 5.08 " 80 "  
N 64° 21' E 5.66 " 80 "  
N 49° 51' E 5.89 W " 80 "  
49° 21' E " 100 "

Val:

From here N 1/4 sec. creek almost  
straight 220 ft. E out

N 68° 21' W 5.35 to shore  
N 56° 56' W 4.95 To shore  
N 30° 26' W 5.70 To 16" wp on bank



Nov 22-1922

## Alexander lot

See Book 44 Deeds Pg 344

" " 55 " " 299

" " 61 " " 255

I and my car copy records  
drive with bad to runwa

At 2069.70 Chain S 2.7 to  
2072.4 on line N vs E of

Sec 11- T. @ 2072.4 Turn  
SE angle S  $59^{\circ}18'E$  and  
run 91.45 ft to I.M. = Hall's  
NW Cor

Continue on fence  
line S  $59^{\circ}18'E$  to a L Alexander  
Stone Mon NW Cor should  
be 306.3 ft we find it 305.2  
being 1.10 short = 0.37 in each  
lot 102.2 original = 101.73  
my chain

From 2072.4 Stone Mon  
bear S  $75^{\circ}11'E$  59.3 = cm.

From a L Alexander  
West line to House on hill  
is 39.8 ft.

John W. Curo



Book 44 Deeds July 11-1912

Wm Murray & wife To Karl S

Bredenberg Beg @ stone mon 1900 W

T. line continue West on this line

207.7 To pt in marsh near lake

N 69° 36' W 451. T. pt being SW cor  
of this tract to

N 21° 14' E 300 ft S 57° 06' E

102.1 ft S 21° 14' W 285 ft

N 69° 36' W 100 ft to pt of beg

Being 100 wide and 300 long  
on W side, & 285 ft long on E  
side the road being lake  
front.

Page 299 Book 55 Deeds

April 5-1917 Bredenberg To  
John A Sivertsen

Page 255 Book 61 Deeds

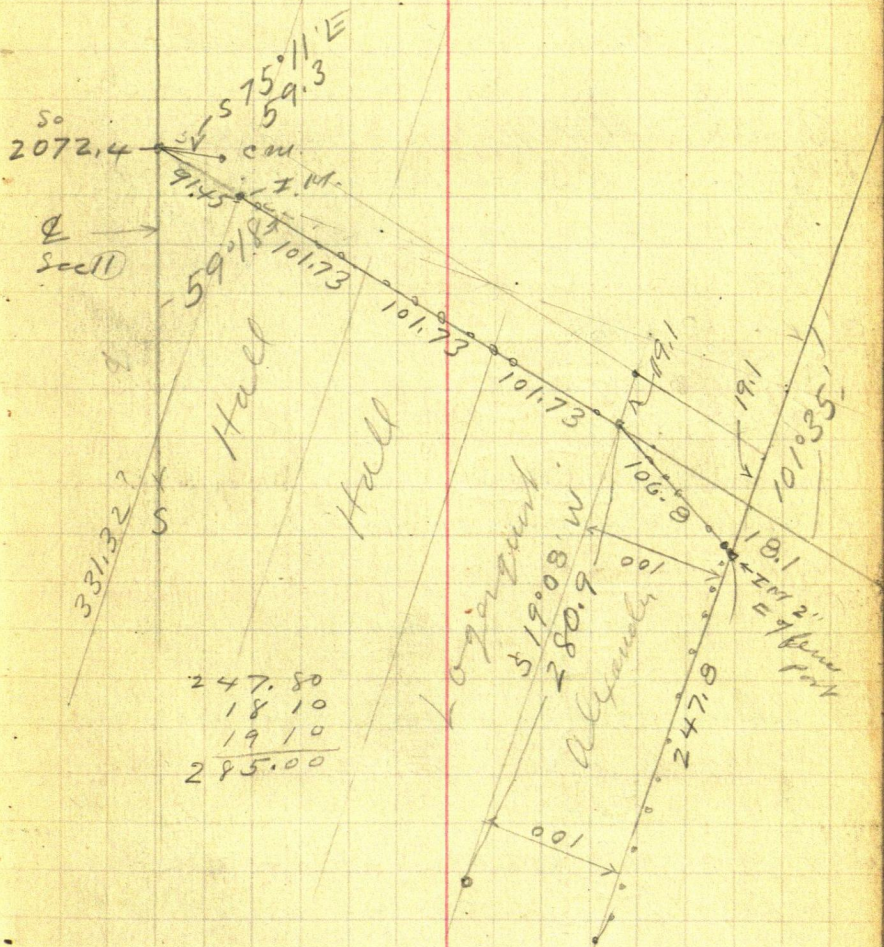
John A Sivertsen Single To  
O L Alexander. Same

plat. No stone monum-  
ents or roads mentioned in  
any of the above deeds



13

45-





under fence

Reg @ IM SW Cor Alexander lot  
work transit on line bet Stone  
Mon at NW Cor and Cham  
N on line line 40.4 Hub 135.3

Hub on top of hill 159.3 Hub  
226.10 Birch Hub; 280.9

→ C Mts 290 & road: 300

Hub in marsh = NW Cor  
Alexander lot

Loganquits house sbs 39.8  
ft West of this line

Dinner and over night  
with Swanson

Babcock and Curo

Nov 23-1922

Clear and Colder Windy  
Babcock and Curo

T @ small iron on line N & S

& sec 11 - at Hub 20 72.40 S

CM = Moulstead East 17p

Clear N  $21^{\circ}43'E$  18.8 ft

Small IM @ NE Cor N  $19^{\circ}44'E$

39.55 then north on line

line 13.20 to E edge

Moulstead Lot - 8.20 from CM



$\pi$  on 2072.40 chain to on  
 line  $\angle$  84.80 ft to E edge  
 Orig Lot 90.1 from NE Cor  
 CM. and 34.4 from CM on  
 E. body and  $34.4 + 105.9 =$   
 140.3 from CM at SE Corner

West side of Hall's

West lot is 309.0 from IM  
 to IM. Continue NE 22.32  
 to 331.32 stake N of road.

Dinner with Swanson

P.M.  $\angle$  of sec 11 - corner  
 Hall's West Body @ 2342.1 to  
 and 72.5 ft from SW Corner

$\pi$  @ 2342.150 NE Cor Hall's lot  
 N  $19^{\circ} 21' E$

From IM at NE Cor of all  
 under lot to of road chain S  $19^{\circ} 08'$   
 W 247.8 ft to pt in sand set IM  
 on W side of 8" fence post 4.0  
 ft N of line corner

From NE Cor Lot 3 Bk 2 continue  
 W 5.7 ft to pt under fence E line  
 all under lot 54.0 ft N of IM  
 under post and 158 N of his line  
 SE Cor.



48

142.7

117.7 (10)

From NW on Lot 3 Blk 2 run S 19° 08' W parallel with Aly lot 50 ft set iron under board walk

N Blk 2 Lot 3. seems to run

S 87° 41' E only 3 minutes off or

From Hub 2080.30 W

Chain E on line line 76.50 ft

to Hub on line E line of Lot

1 Block B 2. at 38.6 N of

SE Corner T @ Hub 2080.30 W

SE on bear S 65° 37' E 92.00

NE on N 24° 40' E 129.80

SW on Lot 3 Blk 2 N 72° W

142.7 + 117 = 259.70 //

old stake & iron

S 51° 57' E 98.7

Aladia of swamp and lake  
chain S 48° E 3.00 S 45° 7.6 lake

S 50° 30' E 9.7 1/4 ft on lake 15 ft

from solid land S 84° E 2.45

N 55° 15' E 1.35 N 13° E 1.0 1/4 ft 10.

ft S of road N 5° E 2.82 E line

of marsh N 10° 21' E 2.91 to Hub

on edge of marsh = NW on of Lot 9.

Blk 1. N 30° W W 1.2

N 40° 30' W 1.85 E of road 5' from

& out 10' from marsh



N 30° W 2.84 E road 20' from  
 mouth NW cor of Lot 3 Bk  
 is 15' N of mouth

Chain South Side Lagerquist  
 Lot. 101.5. Home to Beamed  
 lat via Hubert and Merrifield  
 sharp frozen road. Lora Batley  
 nearly pinched - Meffer at home  
 in Beamed

John W. Curo



Nov 24-1922 Friday

Clear and cold. v. wind  
 Bob and my car likes Roy  
 Anderson to miss.

$\pi$  @ spike 793.1 W on E+W.  $\frac{1}{2}$  Sec 11-  
 Tie in SE cor Lumm's plat of Missa  
 Brs N  $28^{\circ}46'E$  156.6

Dinner with Swanson

PM

Drive to SW cor Sec 11 walk North  
 $\frac{1}{4}$  mile chain E on  $S\frac{1}{4}$  line  
 300, 600, 900, 1200, 1330.27 ft. to  
 true  $\frac{1}{4}$  cor in Cen  $S\frac{1}{4}$  where  
 we drive a 2X30" pipe. Take stadia  
 Oak 10. about  $S36^{\circ}51'W$  120.5

J.R 10 "  $S80^{\circ}17'E$  28.10

Continue from 1330.27 East to  
 lake or stadia of same west  
 side of Sec 11-1350 R 29.

$1330.27 + 105 = 1435.27$  Sub 20 ft  
 E of sea wall. Take stadia

3.05 N  $32^{\circ}30'W$

8.90. N  $17^{\circ}16'W$

$\pi$  @ 8.90 Run N  $44^{\circ}W$  350 ft then  
 W to sec line



Nov. 24. 1922 Cont'd.

From Hub 143527 E Penn Lake SE

1.75 S 49° E

4.65 S 60° 42' E

10.80 S 68° 23' E

T@ 10.80. NW cor Lot for N 72° 18' W

261 SW cor for N 76° 02' 1.92

271 S 54° E to N & S E sec 11-135-29

T@ ~~Hub~~ Hub 4522 South on N & S E

sec 11 Penn S 52° 02' E 7.35 to Hub

Lake shore 20 ft W. all the way along  
up to Hub 735 which is 10 ft E of Lake  
shore

T@ Hub 7.35 Back right NW to hub  
4522 South on E sec 11 & continue  
stadia to sec line.

365 S 54° 11' E Thence to  
sec line. Saw Nisswa

@ 5:00 P.M.

Bob & Roy take dinner with Swanson  
home to Beaumont for mile.

John W. C. and  
Mrs. Babcock



52

20

Nov 25-1922 Saturday

Bob and my car take Roy Anderson  
to Brainerd late dinner at Swansons

Bob calls over long distance for

BTS to E 1/4 on north side see 11-135-29



Deed-Book V Page 200.

Dec 11-185-29-

Lat 4: NPT to US - Feb 13-1909

10.00 East of a line Beg 600' E  
 of W of NE Cor. Thence S 10° E  
 760 ft; S 33° W 480. ft more or  
 less to shore of Ten Mile Lake  
 conforming 19 acres more or less  
 the E line of said Lat 4 used  
 or a meridian Except the  
 use of the land for exploring &  
 mining see Page 161-Book 31-  
 Deedr

### Nate

Book 31. Deedr	Page 161-	✓
" " "	164	✓
" " "	167	✓
" " "	180	✓
" L. Misc	45	
" X Deedr	593.	✓
W "	200	✓



Book 31-Pg 164 Deeds

NWNE  $\frac{1}{4}$  Sec 11-135-29

Quit claim right to overflow  
8101.02 Mar 13-1909 Park

Region Land Co. to U.S. of America

beg @ 280 ft E of NW cor

$547^{\circ}E$  880 -  $55^{\circ}W$  750 ft more or

less to so bdy = 23.3 acres

West line or meridian

Reservoir to be operated at an  
elevation of 1197 ft above sea  
level or determined by res-  
ervoir survey of 1894-1895

Lot 2-11-135-29 March 13-1909

Ezra Birdette Merrill & wife

Mabel Brown Merrill - \$2340

Perpetual right to overflow for  
Gull Lake Reservoir

-- Westly from a line beg @  
N. line 500 ft W of SE cor of Lot 3.  
in same section then  $S 40^{\circ}E$

1750 ft more or less to so line = 5.2 A  
more or less The E line of Lot 2-  
used as a meridian.



Nisswa Sec 11-135-29

55

NW NE 11-135-29

John E Andrews to US. 858.25-  
Apr 27-1909. West of a line beg.  
at a pt on N line 280 ft E of NW  
Cor Thence S.  $47^{\circ}$  E 880 ft.  
S  $5^{\circ}$  W 750 ft more or less to so line  
= 23.3 acres

Lot 7-me 11-135-29 re P 9 599

Book X of Deeds

State Reservoir right to overflow  
Page 593 to 599.

Page 45 Book L. Misc com-  
mission appointed to appraise damage



56

Time for Network  
Geo Sloughlon

Dec 1

1 day

2

 $\frac{1}{2}$ 

14

 $\frac{1}{3}$ 

= 215 @ 850

15

 $\frac{1}{3}$ 

821.25

16

 $\frac{1}{3}$



Nisswa 11-135-29

57

Dec 20-1922

Figuring 12° 02'

$\sin 20848 \times 247 = 5149456 \text{ W}$

$\cos 97803 \times 247 = 65533418 \text{ 241.575}$

Road angle E .325 - 78 = 1° 52' E

$$\begin{array}{r} 88.00 \\ 242 \\ \hline 330 \\ 225 \\ \hline 325 \\ 33 \\ \hline 975 \\ 975 \\ \hline 10725 \end{array}$$

$$\begin{array}{r} 342 \\ 325 \\ \hline 1710 \\ 0.84 \\ \hline 1026 \\ 1115 \end{array}$$

$$\begin{array}{r} 241.6 \\ 88 \\ \hline 329.6 \end{array}$$



Garrison Trap T 44-R28

Crow Wing Co Minn.

Nov 22-1923 Thu. John L Davis  
and I work all day at Sylvan Lake  
on Shulke Plat Storm begins in  
am and howls all day. First  
snow of the year - Geo Ramsey  
takes us to Brainerd @ 9-PM

Nov 23-1923. Friday

Davis and I all day in Brainerd  
waiting for my car to be fixed.

We L Brainerd @ 6-15 PM

Supper and over night with John  
Davis.

Nov 24-1923 Saturday

We are to survey two roads  
for Garrison Trap.

One road Begins where the  
North  $1/4$  line of Sec 36-44-28  
intersects the State Highway  
on west shore of Miller Lake  
and runs West to  
intersection of road thence  
NW to



Nov 24-1923 Continued

I and my car 'Baby Grand' takes John L Davis. Lv about 8-30 am. Pick up Earl

Bordon and Tom Scott.

Geo. Weaver goes with us to

1/4 Cor on E. side of Sec 36-

T 44- R 28 where we find one

old US Tan B.T. standing dead plainly marked. We then

carry transit to Cor 25-26-35-36

44-28. Then go to dinner with

Mr Tom Scott Sec 12-44-28

P.M.

Back to Cor 25-26-35-36-44-28

where US Notes call for

Ash 8°S 4°30'E 38 Lks = 25.08 Ft

③ " 88 5° W 49 " = 32.34 Ft

Birch 6N 40°W 53 " = 34.98 "

We find the broke off lies of the SE Ash (Looks like Oak)

Very old but plainly which we lift up and fit onto the stump after which the figures point

NW-N 4 1/2°W and from which we set a 2x10" Hub for the Sec.



(60) 44-28

(3)

NOV 24-1923 Cont'd

Corner @ 7° Var and drive a stake at pt for old SW BT. from which the body of an old rotted ash-leadr. and from this corner Hut we run

South - Random bet 35-36-44-28 - Var 6°30' - @ 300-600-900 1200 so set stakes and Quit for night Warm. I take crew home - Scott in sec 12 - Borden in sec 3 - and Shover in sec 32. To make this drive we begin @ SE Cor of the trap thence to NE Cor and NW Cor and finally to SW Cor about, and E to sec 32 Supper with Shover and home to Bramerd for Sunday.  
I drive 44 1/2 miles for Trap and 22 for myself.

NOV 25-1923 Sunday

Home all day in Bramerd and back to Shover for supper and over mile I bring 6 - IMS.



44-28<sup>⑦</sup> Garrison Twp

(61)

Nov 26-1923. Monday.

I drive my car 42 miles, Louis  
and I Lv @ 8-30 - pick up Earl  
Bordon - Cliff Voland and  
Tom Scott. Beg @ NW Cor Sec 36-

44-28 change random Hub 900 about  
4 inches E or to miss trees and run  
South random bet 35-36- 44-28  
Va 6:30

300-600-526.4 fall stake back shot for Hub

780<sup>Hub</sup> 900-stake on line: 968. Hub 978.3 &

road (croaked) E-W. 1200 stake on line

1396.7 fall hub on lake shore 20 ft from  
water in meadow. At this MC, US

Valer call for: 1499.00 ft to

Birch 8"N 21° W 60 LKs

180 other lines near "

gone

Tom Scott sets white pole on 10 miles  
of Halt Lake. At 1396.7 Turn 90°  
run East 632.3 to hub on solid ground E  
edge of meadow. Scott's flag bear  
S 31° 29' W SW angle nearly 58° 31'

31° 29'  
Tang .. 61240 x 1032.5 = 632.3  
Cut 1. 63292 x 632.3 = 1032.5

1032.5 added to 1396.7 = 2429.2

to Scott's flag over lake in marsh 20  
ft N of water and 20 ft N of solid land



NOV 26-1923 Continued

At 2442.00 So US Vales call for MC

South side Halt Lake

Tam 8" S 47° W 83 LKS =

Aspen 9" S 21° E 96 " =

We do not look for there Continue to Perfect  
harvest line. J L Lewis and I chaining  
perfect P.B. chain.  $2429.2 + 69.3 = 2498.5$   
Hub on sea wall in dim path E-W + 1.5  
slake 2500 S. + 140 = 2640 slake temporary

1/4 Cor Bet 35-36 T 44 R 28

US Vales Say Tam 10 N 27° E 12 LKS = 7.92 Ft  
" 10 West 2. " = 1.32 "

Do not hunt much for there Continue S-  
Mink holes and porridge feathers here  
2700. about Lo Lam sup 2800 slake Hub  
2864. Hub on sharp hi ridge SE-NW  
2950 S-foot of hill-end Tam Swamp NW-  
SE. 3100 slake Hub Quit @ 4-30 PM  
too dark to see more lake crew home  
Via SE Cor. - NE Cor. - NW Corner and  
SW Corner and East to John Lewis  
farm 42 miles and more.

Cold NW wind all day - Halt lake  
freezer out 200 feet around SE slake  
Dinner with John Lewis and 5 men



(6)

Garrison

TWP-44-28 63

Nov 27-1923. Tuesday

No wind warmer. Louis and I L @ 8-30

PM. Pick up crew Big @ 3:00 Conclusions

3400 stake Hub on W. edge of swamp S and NW

3620 Hub west edge of swamp N and SW

3700 S. stake in swamp. Dinner with  
Geo Weaver <sup>50<sup>0</sup></sup> PM. 5 men = 82.50

4000 stake foot of hill. L swamp run  
NE 150 ft and SW 200 ft then NW 40"  
is on line.  $+66.5 = 4066.50$ . Hub on top  
sharp ridge E & W Country Rolling  
Hi sharp broken hills scattering  
small hardwood trees  $4066.5 + 200 =$   
 $4266.50$  stake on line 30 ft NW of NW  
Corner of Jam swamp  $+300 = 4566.5$   
stake on line 30 ft SW of SW Cn of swamp  
thick 4" Hard wood & spars

4781. Hub at so end of draw

4866.5 stake  $+33.5 = 4900$  stake

Nab? @ 4850 ent NW Cn small swamp

@ 5200 Hub in swamp Public land

75' W - 225' E and 175' S.

T @ 5200. S. Old US BTS Vii

Heart of 10" Tam S 13° W 49.7 ft Blazed on E. side  
 " " 12 " S 0° 20' W 44. " " S 45° W about  
 " " 10 " S 3° 20' E 70.35. " " N 10° W about

Over mile with Louis Cn 34 miles



64 44-28

7

Garrison Twp

Nov 28-1923. Wed

I take John and Harold Davis  
Lv @ 8:30 Pick up Ernest Persson

Look for NE Cor sec 18-44-28 then  
go a mile West. Find old stake in meadow a  
Cor 7-12-13-18-44-28-29 R<sub>1</sub> Line run  
East. @ 290 L<sub>1</sub> meadow NW-S- 300 stake  
600 stake & E & W graded road 900-1200  
1500-1800-2100-2400 - stakes & graded  
road 2640 H<sub>1</sub> about 2650 E. we are  
in line with & of road running to  
Dinner with. Chas Wonderlich

P.M. Continue East: 3000-3300 sth  
3537. H<sub>1</sub> 3600 sth on line: 3780 ent from  
mark NW-SE 3900 sth L<sub>1</sub> NW-S. 3958.9 H<sub>1</sub> on  
on narrow ridge N-S. 3990 ent west point  
of marsh NW-SE 4200-4500-4800 sth  
in swamp 5000 L<sub>1</sub> sup NW-SE 4800 + 268.5  
= 5068.50 H<sub>1</sub> on point from the north  
5100. sth ent dry sup N-S. 5175 L<sub>1</sub> N-S  
5270.15 Shingle Nail in North point  
of green 12" pop stick up line just cut by  
us 5287.90 H<sub>1</sub>. At 5068.5 on Needle  
made 9'20". Sapper with Davis home @ 9-PM



1923

Nov

Time Sheet - Garrison Trp Noodin

John W. Curo

Cor

J. L. Davis

Harold Davis

Earl Borden

Cliff Knowlton

Tom Scott

Arthur Crowell

Ernest Persson

Rd. Rene Rofidal

Scot Car

Continued On Page 79

All Paid in full Dec 17-1923

65



NOV 29-30 and Dec 1-2-3- at home  
in Brainerd work on Schulte Plat

Dec 4-1923 Tuesday

I get special mail and L<sup>1</sup> home  
@ 7-35<sup>am</sup> at Davis 8-35 Breakfast  
with Louis. Davis and I pickup  
Arthur Crowell. (15 ?) Son of  
Crowell) also Ernest Persson

Look for Co 7-8-17-18-44-28

WP 18 S 25° E	200.	= 171.60
Tan 10 S 84° W	195	= 128.70
Tan 10 N 79° W	200	= 132.00
Th 12 N 10° E	275.	= 181.50

Don't find it and continue E.

Dinner with John Crowell

P.M. Continue

East but

$5287.9 + 212.1 = 5500$  stake on line  $5500 + 223 = 5725$ . Hub + 25 = 5750 stake on rid. Hill  
 $5750 + 300 = 6050$  stake over Ravine  
To 5725. at 6050 stake on line

about 230 P.M. Earl Bordon arrived on  
line and put up a hole about working  
without his consent. Stood 20. minutes and  
walks home.

$6050 + 300 = 6350$  E. stake

6357 E. N 83. old rough road. 6650 sk  
+ 117 = 6767 Hub on line 6767. + 249 =

7016. Hub on ridge + 84 = 7100. stake

7388 old trail road N-3 7400 stake

7700. E. Hub and back (Nad) and quit  
for night 4-35 P.M. sundown

Bright sunshine and warm thawing all  
day. Break camp spring and go straight to Brainerd  
Davis and I supper and over night at my  
room in Brainerd



Dec 5-1923 Wed.

John L. Davis and I all day in Brammer  
fixing my car \$5 and \$8.20 = \$13.20 for car  
no work fine sunshine and warm

Dec 6-1923 Thursday

Davis and I to my house @ 7-30 am  
Ar Carl Bordon 8-20. pick up Earl  
Bordon. Cliff Noland and Tom Scott-  
Go to Cor. 1-2-35-36-43-44-R28  
US Natis Call for

Tam 12 N 35° E 36 = 23.76 ft

" 7 N 8° W 28 = 18.48 "

" 6 S 8° W 11 = 7.26 " = S 80° W

" 8 S 25° E 35 = 23.10 "

We find all 4 lines all marked except  
NW 5 which shows scars of marks  
all OK @ 2° 40' Var

At 2° 40' Var old US BTS Uij

8" Tam line well marked S 25° E 23.10 ft

12" " stub " " N 35° E 5.15

6" " line broken over S 80° W 7.26

7" " line marked N 8° W 18.48

all @ 2° 40' Var all OK. except

NE line not right for distance  
and SW line 80° W instead of 8°  
and @ 2° 40' Var instead of 8° ?

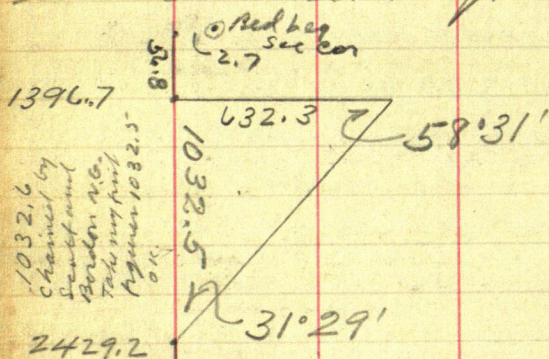
we set pt. for 5 I.M.S. N 45° E  
40 ft NW-SW-SE @ 8° turned from



68

(11)

line line looking North  
 5200. So the Sec Cor sets  
 S 4°30'W 48.2 //  
 Solid land 70 // west 8° in



2640.00  
 31.20  
 2608.80 80

2429.2

Random

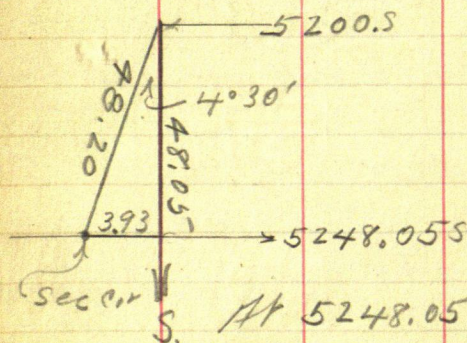
4°30'  
 Sine .785 x 48.2 = 3.93  
 Cosine 99692 x 48.2 = 48.05

(35)

OK.  
5.28

1/4 90

2608.805 (36)



At 5248.055 the SW Cor Sec 36  
 bears West 3.93

Set pt for 5 IMS. N45E40. NW-SW-SE







Dec 7-1923 Friday - 36-44-28 Harrison Twp.  
Mr. Davis is playing with Alma and Ned

JL and I to my house in Beamed @ 7-30  
am. Pick up Rene Rodol  
member of Town Board - also Earl Borden. Cliff  
valand - Tom scatt. Reg @ 1500 cent  
East on & see 36-44-28

1700 (about) LV bottom 1800 alk. 1864.70 Hub  
1986.10 Hub 2150 slake Earl and John  
chaining about 2250 alk. meadow  
2400 slake 2550 about 1. meadow 2900

slake 2953.3 Hub 3000 slake 3275.30 Hub  
3300 slake 3600 alk 3799.00 nail  
3600 + 200 = 3800 alk 3870.30 @ Nati Hw  
NW-SE 3900. slake in ditch 4000 alk  
manh Mille Lacs Lake Bottom 4200 slake  
Dinner with Geo Weaver 6 min  
PM.

The 4200 slake on line in old lake bed  
4470 about seawall LV lake shore NE-SW  
4500 slake. 4602.50 Hub 4740 int surf  
NESW 4800-5100 slake in surf +63.7 =  
5163.70 Hub. In swamp NW-SE

1/4 bet - 31-36-44-27-28 on

Mille Lacs Co  
Corenly Line Crown Wing Co

US Natis call for Tan 8 S 2° W 71' = 46.86  
30° 14' N 78° E 68' = 44.88 FI

T @ Hub 5163.70 E old 8' Tan line well marked  
beam S 2° W 36.94 Hub Temp 1/4 = 46.86  
83.80 old BT.

From an old 14" Oak stump NE and the  
old Tan BT. we set Hub for limits 1/4 by flat  
chain from face of line from 5163.70 then  
last limit Cor slake sets S. 21° 30' E 43.80

On our second Temp 1/4  
old Tan BT. S 23° 40' W 46.86

Oak slip S 70° E 44.88

another 15' Oak slip N 87° E

at 8° V on line from south



Dec 8-1923 Saturday

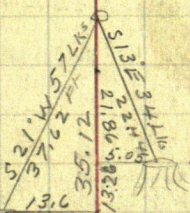
(14)

(71)

Dover and S L. his home @ 7-45 a.m.  
Pickup Rene Rofidal - Earl Borden - Clifford  
valand and Tom Scott.

MC No 2. To sid. Mille Lacs Lake bet Secs  
31-36 - T44 R27.28 on County Line -

us. val. WP 24 S 13° E 34 Lks = 22.44 Ft  
Joy BOak 12 S 21° W 57 " = 37.62 "



24' WP old US BT S 13° E  
Plainly marked

12' B. Oak Tree and  
slump Broken over  
Plainly mtd.

13° Sin 2250 x 22.44 = 5.05 OK  
Corin 97437 x 22.44 = 21.86 OK  
21° Sin 3584 x 37.62 = 13.60 OK  
Corin 93358 x 37.62 = 35.12

13.26 + 21.86 = 35.12

OK @ 9°45' run

South 9°45' Bet 31-36 - 44-27-28

21.86 stake + 25.34 = 47.20 S-Hub + 100.75

~~147.95~~ about cross Random line @ 5178.10 East

147.8°  
+ 40.65 = 188.60 Hub Temporary if Cor  
+ 220.40 = 409.00 Tall stake (30' L. marsh) NESW  
409.00 Tall stake + 386.5 = 795.50 S-Hub Top Hill  
(-170.50 = 625.50 on line brink of Hill N. side)

795.5 + 117.5 = 913.00 Hub + 266.40 = 1179.40

Hub 8 ft N of N edge of big cut  
Thence down hill

18°10'  
21.3 down hill

86.75

sin 3118 x 91.3

or 95015 x 91.3 = 86.75 + 1179.40 =

1266.15 cross + cut by Dover in

10' of Road toward fence on

So side stake H. x. N.

about 1180' E

1179.40 S

1266.15

Dinner given with Weaver. supper with  
Dover, Inman, Dover, and S. L. Borden.



Dec 8-1923 Continued

I find my H + B Traunt out of line and adjust it but it is still N.G. Quit early 7-15 PM.  
Bright sun, snow not cald 4 or 5 inches of snow still on ground where it has been for the past 10 day. fine woods.

Dec 9-1923 Sunday

Mr and Mrs J L Leover stay with us in Brammerd. Alma-John and I drive to Pillager in PM.  
\$6.88 to Sherlund & for repair

Dec 10-1923 Monday

Leover and I L Brammerd in my car @ 7-30 AM. Pick up Rene Hofstad-Borden valand and seat

Reg @ Corn + " in road fence road 1 road contains South

$1266.15 + 1.41 = 1407.15$  S Hat on road  
 $1407.15 + 480.25 = 1887.40$  Hat on hill top  
 $+ 283.60 = 2171.00$  Hat S. brink hill  
 $2171.00 + 212.60 = 2383.6 + 283.00 =$

2666.6 Hat on S. brink hill from which  
Twp Corner bears S  $36^{\circ}55'$  W 206.15 FT

At this point being cor to Twp

43-44 N R 27-28 W

US N. also call in

Sugar 16 S 26 W 29 =

Bl Oak 6 N 35 W 63 =

Aspen 12 N 34 E 5 =

Boak 6 S 53 E 27 =

19.14 OK Road

41.58 OK stump and tree

3.30 OK "

17.82 OK Tree plainly visible

N 45° 18" Red Oak N  $44^{\circ}45'$  W 35.95 FT

Twin Basswood 12 S  $82^{\circ}$  W 10.70

Set P. for 4 BTS US Nons.

N  $45^{\circ}$  E 40. NRV-SW and SE all @  $10^{\circ}$  W N

Hat 2666.6 bears N  $36^{\circ}37'$  E 206.15

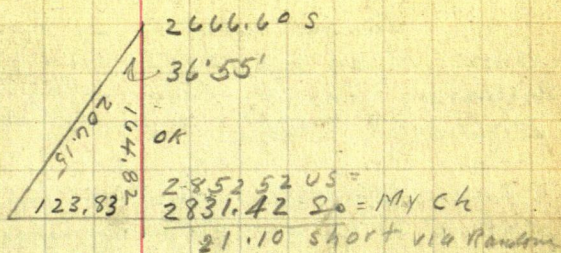
T. @ 2666.6 using random as meridian Twp  
Cor bears S  $36^{\circ}55'$  W 206.15 FT



Dec 10 - 1923  
Continued

(16)

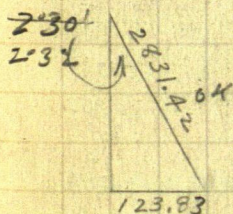
73



36.55'  
Sine: 6007 x 206.15 = 123.83  
Cosine 79951 x 206.15 =

2852.52 US = 2831.42 My Chain via Random  
= 21.10 short via random - .0074 short via Random

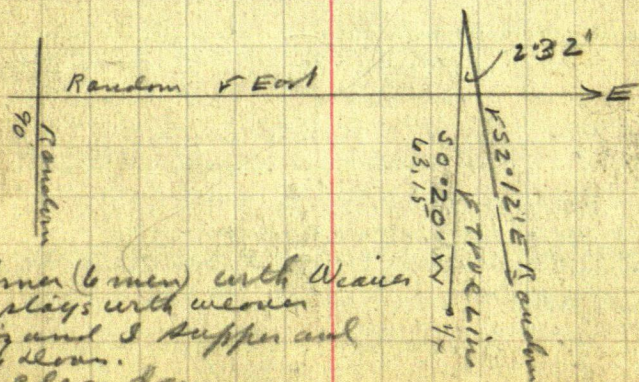
2852.52 x .0074 = 21.10 short  
212.52 x .0074 = 1.57 short  
212.52 minus 1.57 = 210.95 OK  
210.95 my chain via Random



Bag @ MC Chain So 21.86  
date 1 + 25.34 = 47.20 Hut +  
100.00

Hut on Random 147.80 interest  
Hut East 147.80  
BS West on random. over So  
Random runs S 20.12' E

2831.42 into 123.83 = .04374 = 2°30'

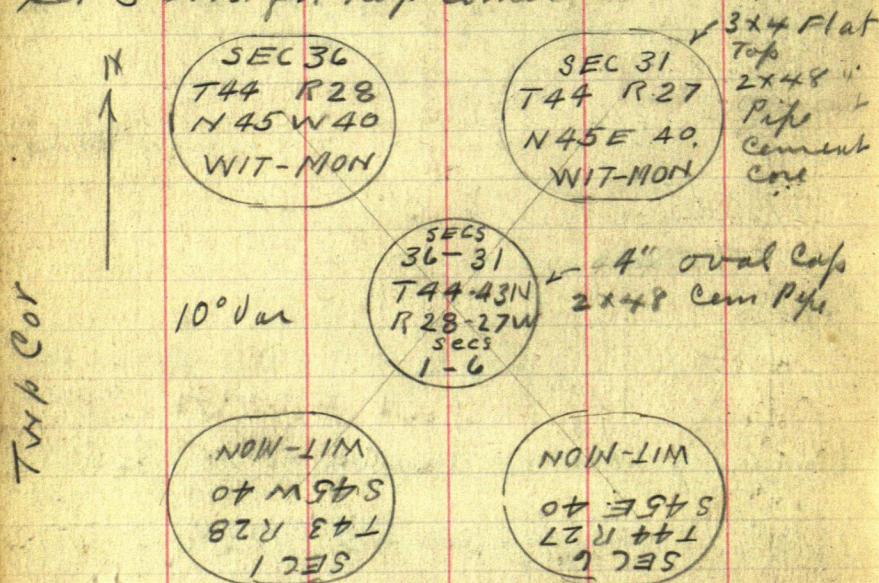


Dinner (6 men) with Weaver  
Pete stays with weaver  
Doris and I Supper and  
Lunch down.  
Fine clear day.



Dec 11-1923 Tuesday.

Davis and I go to his place @ 8-15-  
am. Pick up IMS. and go to Geo.  
Weaver resort. Rene staying with Weaver  
Earl and Clifford walk to Tom Scott's  
where Scott takes them in his car to  
Weaver Resort where we meet them.  
Set 5 IMS. for Turp corner



Dinner with Geo Weaver (6 men)

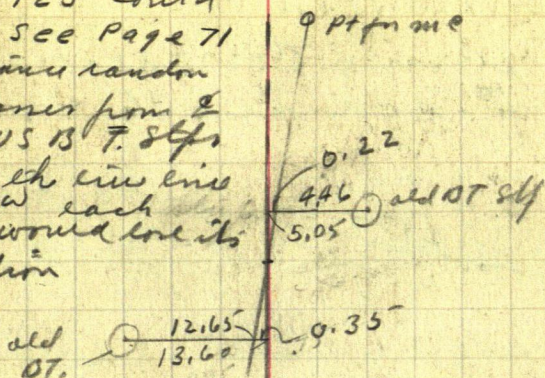
Pm. finish setting on to Turp + 3-4 x N  
R 27-28 W. all set in 3 ft mound  
stone anchors. also work on 1/2 in  
bet 35-36. I call up Home in Beaumont  
Alma and Reed had trouble with Co  
Vene and Dr. Nicholson.

Refusal - Davis and I stay all night  
with weaver

John Weaver



Dec 11-1923 Could  
 Note: See Page 71  
 for distance random  
 line pinner from  $\frac{1}{2}$   
 of old US BT. Slugs  
 and or the true line  
 run SW each  
 slump would lose its  
 proportion



True line  
 pinner @ 0.35

Closer to SW BT  
 and 0.22

Closer to SE BT  
 than US value

show 0.04374 East of SW BT and  
 West of SE BT. for each foot so of M.C.

Note: At a point 13.49 ft So of  $\frac{1}{2}$  of  
 SE BT slump

$$13.26 \times 0.04374 = .58 \text{ divided by } 56.98 \\
= .01 + 21.86 = 0.22 = .57 \text{ O.K.} \\
35.12 \times .01 = 0.35 = .57 \text{ O.K.}$$

$$0.22 \times 13.26 = .29172 \text{ divided by } .58 = 5.03 \\
13.26 \times .35 = 4.6410 \text{ divided by } .58 = 8.00 \\
\text{Close enough O.K. } 13.03$$

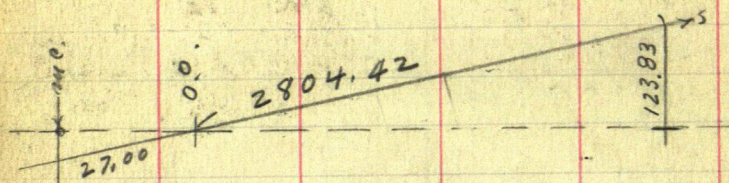
21.86 + 5.03 = 26.89 Call it 27.00  
 Ft So of M.C. is where True line  
 crosses my random. over



Dec 12-1933 Wed.

Figuring Corrections

1/4 E. side Sec 36-44-28



$$2804.42 \text{ into } 123.83 = .044162 = 2'32''$$

Hub 27-27 = 00<sup>s</sup> and goes W. 0.00

" 47.20-27 = 20.20 S " W 0.89

" 210.95-27 = 183.95 S " W 8.13<sup>14</sup>

409.00-27 = 382. S " W 16.87

795.50-27 = 768.50 S " W

Hub 625-27 = 598.00 " " W

913-27 = 886. " " W

1179.4-27 = 1152 " " W

1266.15-27 = 1239.15 " " W

1407.15-27 = 1380.15 " " W

1887.40-27 = 1860.40 " " W

2171. -27 = 2144 " " W

2383.6-27 = 2356.6 " " W

2666.6-27 = 2639.6 " " W

2831.42-27 = 2804.42 " W 123.83 <sup>True</sup> Cor.

2'32"

Sine  
Cosine



Dec 12-1923 Continued

(20)

77

Scott and his car come with  
Borden and Roland - Gouin-  
Roffidal and I join them and we  
set 5 INS @ 1/4 corner bet 35-36  
44-28

WIT 1/4  
N 45 W 40  
T 44 R 28  
SEC 35

WIT 1/4  
N 45 E 40  
T 44 R 28  
SEC 36

3x4 Flat  
Top 2x48  
Cement  
filled  
Pipe

All set in  
stone in Tam  
swamp  
big mounds

1/4  
35 | 36

3 1/2" Round  
flat cap

WIT 1/4  
S 45 W 40  
T 44 R 28  
SEC 35

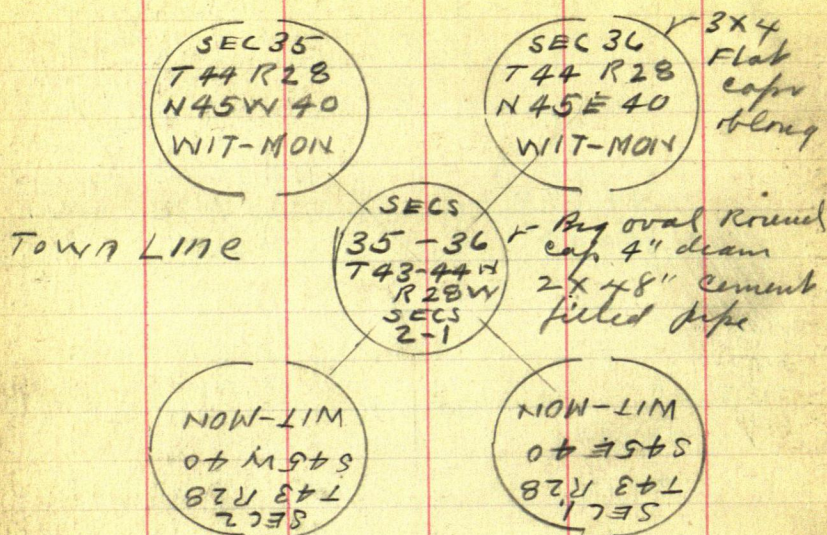
WIT 1/4  
S 45 E 40  
T 44 R 28  
SEC 36

Var about 8° Var turned from almost  
line N + E line. We set the 1/4  
cor bet 35-36-44-28 in setting  
the line 1/4 post we hit the point  
of the old US stake 3x12 inch a foot  
below the mark

All take dinner (6 men) with Geo  
and Hallie Weaver then walk  
half a mile so and set the  
the cor to 1-2-35-36-T43-44 N  
R 28 W.



Dec 12-1923. Cont'd (21)



All set in timberland swamp. big  
pete mounds but all set anchored  
in stone. V or about 8° turned  
almost from line looking  
north. We all go a mile and a half  
NE and partly set 1/4 on NE side 36  
Turner fearfully cold after 3 PM  
Borden and Valand go home with  
scott and his car. Lewis - J &  
Roffidal stay all night with Geo  
Weaver - storm outside. Cold.  
I do not use my car today

John W. Curo



1923 Time sheet Continued Brot From Page 65

SUN

12 13 14 15 16

John W Curo

Car @ 55-

JL Davis

Earl Bordon

Cliff Voland

Tom Scott

Scott Car?

Rene Ropidal

Total 15 days 8225-

Total 15 @ 83-

Total

Total

Total

Total

no pay for car

Total

pd Dec 17, 1923

45-  
270

Brot From Page 65.

All Pd In Full Dec 17-1923

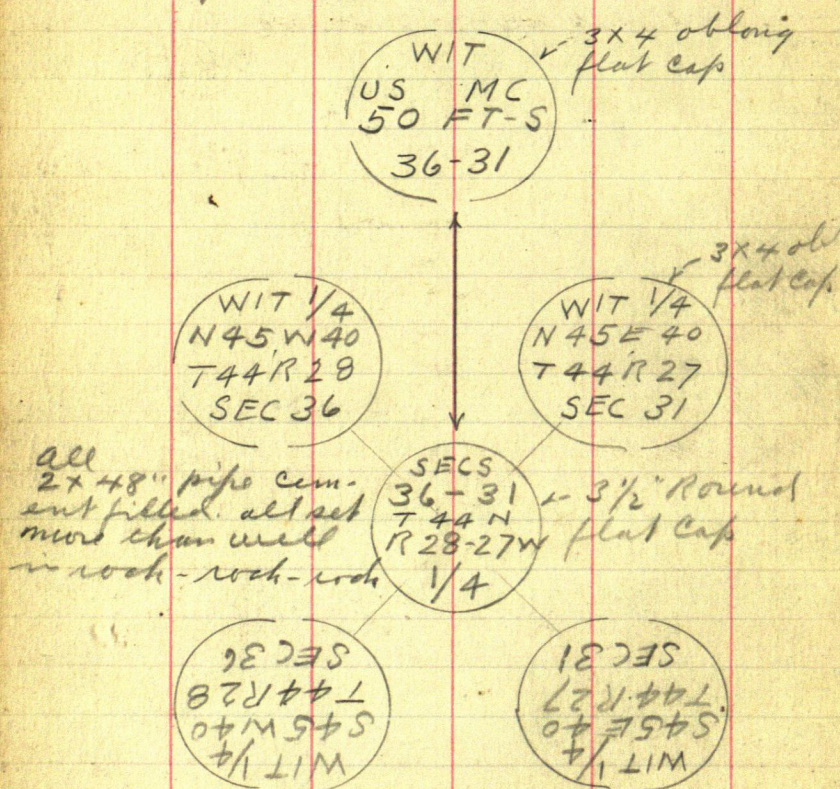
22

79



Dec 13-1923 Thursday

Sun comes out bright and clear  
no snow except frost patches and  
remains of earlier light snow  
Clouds up cold NW wind



Davis-Rofidal and I start before  
Scott and his car comes with Gordon  
and Valand

Dinner (6) with Weaver

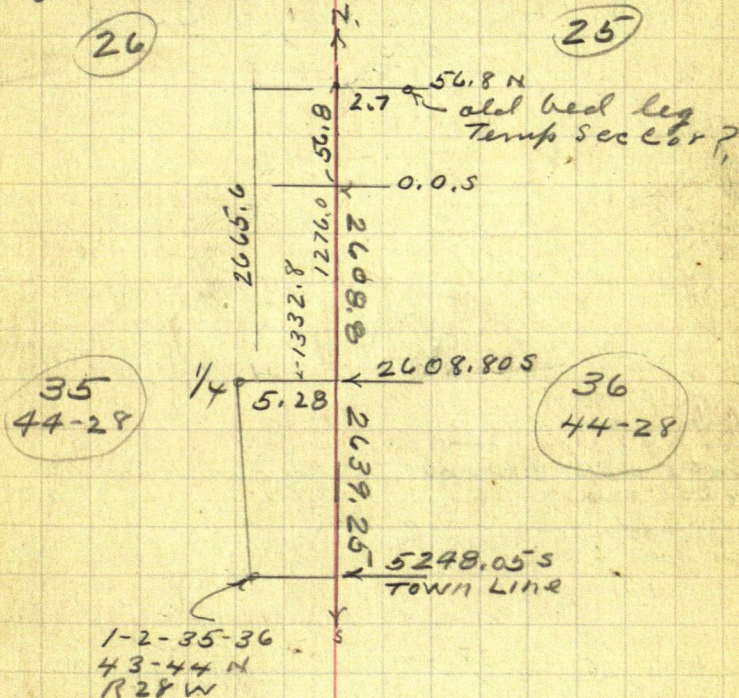
Supper and over night with Davis  
in my place in Beaman



Dec 14-1923 Friday (29)

(81)

I Lv Brainerd with my car and  
20 INIS and John Lewis @ 8-30  
am 400 weaver road 9-30 am  
Scout - Rapidat - Borden & Natland  
are 40 minutes ahead of us  
Reg @ Hub O.O. being 5248.05 N of  
Twp line and 2608.80 N of 1/4 Cor  
B.S. S. on my random and run  
North bet 25-26-44-28 U?



North bet 25-26 - enter open swamp  
@ 56.80 old bed leg sets E 2.70 ft  
3000 stake. 600 sth on line 875 enter  
solid land SW-SE. 900 stake on line  
enter big hardwood timber SW-E  
1200 sth Lv timber SE-W, 1215 enter open  
meadow about 1312 Final corner sets  
East - - ft. 1319.70 Tack in hub



82 Dec 14-1923 (25)

could

set by another surveyor sets 1. inch  
West @ 1336 we set Hub. 1500 - 1800 - 2100 - 2400 stakes on line + 209.1  
- 2609.40 Hub enter heavy pop. timber NW-SW  
2400 + 289.7 = 2689.7 Hub 0.40 of a foot W  
of new Hub 2700 stake 4 ft N of E & W  
fence @ 1/4 bet 25-26 - 44-28

US Notes Willow 5 S 35° E 37 Lks  
Oak 10 N 19° W 53 "

⊕ @ Hub 2689.70 N an old 4x40" post  
scribed and set 20 years ago by Lew  
Harrison and Chas Banard bears

N 79° W 34.60 ft from which a 3 wire fence  
runs S and E and a 2 wire fence runs N and  
West. Continue

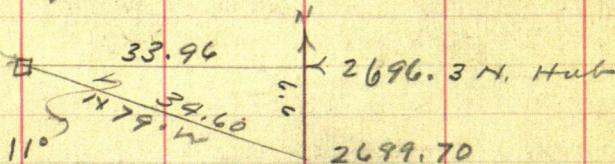
North 2950 L small timber NE-SW 3000 end  
meadow. E-W - 3150 L meadow E-W enter  
heavy timber mostly Barrowood E-W 3300 stake  
+ 214.6 = 3514.6 Hub in big pine Bar-  
wood Lanes

Note, Davis says "Finest Barrowood I  
have seen" "good place for Bees."

3600 stake 3700 enter 8' Birch and poplar 3900 stake  
4200 stake on line 4500 - 4589.80 Hub

Rafidal Davis and I supper and stay  
night with Weaver. Borden Scott and  
valand go home in next car.

Garrison's  
1/4 post  
set 20 yrs  
ap



Sine 1908 x 34.6 6.60  
Cor 98163 x 34.6 = 33.96

John W. Curo





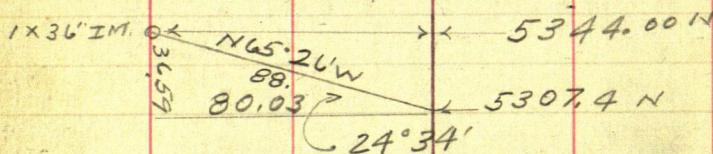


Dec 15-1923 Saturday

I and my car take Leair - & Rappahannock  
1/2 NW cor 25, where Scott and his  
car comes with Bordon and Noland  
Buy @ 4500 - 4800 - 5091.50 Hub 5100 slk  
+ 207.4 = 5307.4 Hub + 10.6 = 5318.

E main graded road E-W

$\pi$  @ 5307.4 on iron pipe 1x36  
N 65° 26' W 88.00 ft



Sine	41575 x 88 =	36.59
Cosine	90948 x 88	80.03

5307.4 + 36.59 = 5344. N Iron Pipe  
West 80.03 ft

23-24-25-26-44-28 US Nails

Aspen	8N	70E 16 =	10.56	} gone
"	8N	12W 31 =	20.46	
W. Oak	7S	26E 23 =	15.18	
Aspen	10S	65W 8 =	5.28	

We find an iron pipe 1x36

it is 28.2 ft N of E & W road and  
62.10 N of NE cor of fence. road is  
33.5 N of fence corner. From 1x36"  
pipe an old 15" maple dead and  
broken off up to bear North and a  
foot E foot 46.2 ft whet B.T.

Simon with wire. (6 men)  
P.M.

Buy @ Hub 3799, chain west 2. ft to  
3797 E from which line  
See Pg 95







86

Dec 15 cont'd

(29)

Meander corner bears N  $31^{\circ}55'$  W 3123.3 ft300-600-900-1200-1500-1650 about even amount  
of creek in it 1800-2100-2400-2700-3000Slater + 123.3  $\times 31^{\circ}55'$  US me.Sine 52869  $\times 31^{\circ}55'$  = 16 51.26 W  
Cosine 84882  $\times 31^{\circ}55'$  = 26 51.12 N

37970.

16 51.26

21 45.74 E

2608.8

368

2665.60

2651.62

14.48

0.23' N.

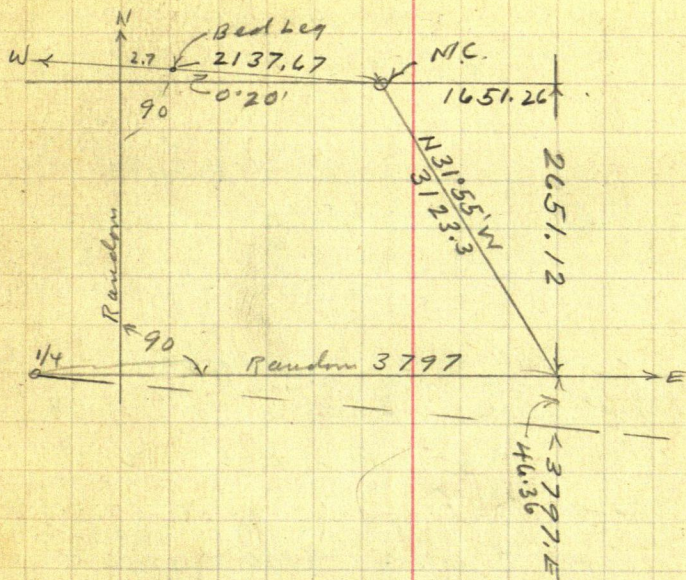
$\pi$  over MC. BS. S  $31^{\circ}55'$  E and run  
West 0.23' N and @ 2138.2 hit out  
1 ft N of bed leg corner post line  
NW Cor sec 36, 44-28

Halt: Check out 0.44 longer than  
it figures - As Leavin and  
Bordon chained and crooked the  
last 38.2 ft to far north out of  
line I figure that there creek  
(4 ft) takes up the 0.44 so I  
use my calculation and  
call it 2137.76 OK.

Also change my line so as  
to run from MC. - West then  
the old bed leg and continue  
West to Halt Lake. Out at  
dark - Over mile with weaver.

John W. Weaver







44-28

23

24

Iron 80.03

5344.00 N

2 Road

28.20

S of IM

33.5 N

7 Fm  
en

33.5

2647.7

26

114

3396

2696.3 N

25

2639.50

Beet 409

2.7

me.

2137.76

2014.98 US

122.78 Long

2665.60

35

114

36

2639.25

3.93

Town Line



(32)

US Nails

44-28

25-26-35-36 (see P 59)

East bet 25-36  $\vee 10^{\circ}15'$ 

3053 = (2014.98 Ft) MC Mille Lacs

Basswood 18S 22W 29 =

W. Oak 18N 24W 30 =

East Bet 24-25  $\vee 10^{\circ}15'$ 

3011 (= 1987.26 Ft) MC Mille Lacs Lake

W. Oak 10N 78W 14

Bass 10S 22W 14

North Bet 23-24  $\vee 8^{\circ}51'$ 40.00 =  $\frac{1}{4}$  Ash 75 58W 24 =  $\angle = 15.84$ " 65 72 E 5 =  $\angle = 3.30$ 

8000 Cor 13-14-23-24.

Bur Oak 8N 65E 34 = 22.44

" 8N 13W 16 = 10.56

Aspen 10S 37W 54 = 35.64

Bl Oak 12S 56E 32 = 21.12

East Bet 13-24  $\vee 10^{\circ}15'$ 

3454 (= 2279.64) Mille Lacs Lake

Bl Oak 8S 52W 10 =

Butternut 8S 50E 5 =

West Bet 26-35 Var  $10^{\circ}20'$ 

926 (= 611.16 Ft) MC E. Side Holt L.

Birch 8N 25  $\frac{1}{2}$  E 10 =WP 18S 58  $\frac{1}{2}$  E 70 =

3520 (= 2323.20 Ft) Over Lake MC.

Maple 10. N 85W 52 =

Walnut 12N 17  $\frac{1}{2}$  E 55 =3975 (= 2623.50 Ft) =  $\frac{1}{4}$ Ash 55 43  $\frac{1}{2}$  W 18 =

" 5N 55 E 20 =

7950 (= 5247. =) Cor 26-27-34-35

Bl. Oak 5S 36  $\frac{1}{2}$  E 18 =Aspen 5N 84  $\frac{1}{2}$  W 20 =

" 4N 31 E 31 =

" 5S 26 W 62 =



US Notes - 44-28

North Bet 34-35  $\vee$  9'38' $\frac{1}{4}$  Tam 4 S 30 E 6  
5 N 45  $\frac{1}{2}$  W 19 =

6250 = ( ) Creek 20 L. wide E

8000 = 26-27-34-35-44-28  $\left\{ \begin{array}{l} \text{S 8 E} \\ \text{Pg 8-9} \end{array} \right.$ North Bet 26-27  $\vee$  9°

200 = (-132.° Aspen (jun) marsh Circular

800 (-528) L

2575 = ( ) MC Sosid Lake  $\begin{array}{l} \text{ASH 8 S 2 W} \\ \text{25. N. o. acher} \end{array}$ 4170 = ( ) over Lake MC W. 1 P  $\frac{1}{4}$ W 15 N 10 E 950 (= 627.00)  
no acher

8000 = 22-23-26-27-44-28 IMS.

 $\frac{1}{4}$  Bet 33-34 Red P 10 N 75 W 10  
" P 10 S 45 E 50West Bet 27-34  $\vee$  10'16'3975 = (2623.50) =  $\frac{1}{4}$ Ash 10 N 68 E 70  
Aspen 10 S 43  $\frac{1}{2}$  W 78

5150 = ( ) MC Enid Barber L

Red P 15 S 41 E 548 =  
Tam 8 N 86 W 269 =

6829 = ( ) over lake MC.

Fir 6 S 27 W 60 =  
Birch 9 S 74 E 18 =

7950 (= 5247.) On 27-28-33-34 IMS.

North Bet 13-14-44-28  $\vee$  8°51'

4.00 Tam E-W

8.00 To Pond Circular

12.50 L Pond To Hardwood

Continued Pg 102



Dec 16-1923 Sunday

Bright sunshine no snow on ground  
warm. I and my car take gloves  
and Rapidat and drive one mile to  
add bed leg set for Lemp NW. Cor  
see 36-135 East on mt. line and  
West along N end of plat-

90 Ls marsh 300-600. slake 681  
Im set for lot cor 707 W edge of sea  
wall E side Half lake when  
MC US notes call for see Pg 89-

710 ent ice 9-12-15-18-21-24 when is

2480 L. in 2492 E edge seawall

2515 W edge of pt which runs N 30 W

2664 Hub 2700 rocks entire meadow

1/4 BTS see Pg 89

3500-3300 slake 50 ft N of creek in NE

3560.5 Hub and lock marked by some

other surveyor N.W. and N.E.

"1061.15" ? on 4 rod island in rap

3600 slake 3661 R Bk of creek runs N

3681 L Bk 3900 W slake 10 ft N of

creek 3916 ent creek 3951 L. creek

4016 ent creek 4043 L. creek L. N.E.

Wends N 50 W 4170 L. meadow

4200 slake 4300 W. Hub and lock

set by some recent survey not marked

set on fine ridge N.E.-S.W.

969 up in sight 4330 W bank of

ridge 4400 ent N. end of meadow

4600 N. 4630 W. meadow N.E. S.E.

4600 + 131 = 4731. we find new Hub and

lock in + 300 = 5031. slake.

5031. slake 11. ft W of 2 man crooked

road N.E.-S.W. 5031. + 5.2 = 5036.20

We find Hub and lock new

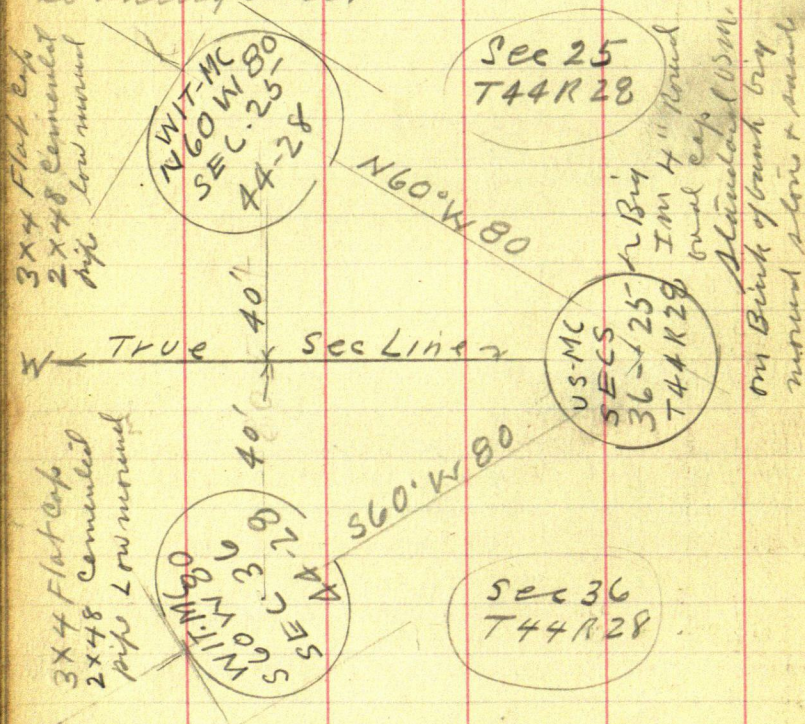
Dinner (6 men) with Geo Weaver



Dec 16-1923 Continued

I and my car with 3 IMs. and tools  
go to US MC. W. Sed. mill Loc. Lake bed  
secs 25-36 T44R28 where US valves call  
for. See P 989

We find the oak standing dead  
but plainly marked from which we  
check in the temporary MC. Hub set  
by us yesterday and find it OK.  
Course turned from the line line  
looking west.





Dec 17-1923 Monday

Garrison Town Board meet

Pay off all bills in full From Page  
58 To Page 93 inclusive

I. donate all IMS. Free. set by me.



94

① 1/4 E side 36

44-28

Dec 27-1923 Thursday

J L Gouin and J L Braineed in my  
 car @ 10-30 AM. Dinner with Gouin  
 PM - pick up R. J. Rofidal - Pick up  
 Earl Borden at his place he drops off part  
 way down to arrange for another man and  
 we go on to Geo Wearer Resort at 2-30 PM

@ 3.30 PM Gouin and J L - Charis Random  
 lines: at 5178.10 E Th Iron 1/4 Cor on E side  
 see 36 - bear SW 63.6 ft and Temp Hat S 63.15  
 Distance Bet wit me and 1/4 Cor is 161.2 ft  
 Should be 210.95 OK.

See Page 76-71-70-73

Correcting:

Hat 147.80 So is - 27. = 120.80 So and

goes West .044162 = 5.34 West So

At 5178.10 E - 5.34 = 5172.76 E

1/4 side S 0°20' W 63.15 ft 0.34 W

5172.40 E 1/4 bear S 63.15 ft @ 90°

To E-W-Random

1/4 | 5172.4 | → E  
 0°42' ↖  
 01821-S = 0°42' | 63.15 | 1/4

313.3	E, Goes - S	3.83 OK
1181.8	" "	14.43 OK
1864.7	" "	22.77 OK
1986.1	" "	24.25 OK
2953.3	" "	36.06
3797.0	E "	46.36 ✓
3799.0	" "	46.39
4200.0	" "	51.28
4602.5	" "	56.38
5178.1	E "	63.15

Time: Pg 97-

Board Pg 99-105-



Dec 28-1923 Friday

Perry C. Bordon and his car brings  
Earl Bordon and Tom Scott. They are  
45 minutes later on the work than  
Mr. Rene-Jahn and I in my car to  
9-00 AM or 9-15. Pay @ stake \$100 N

North, continue line Bet 23-24-  
T44R28 (See Page 84-88.)

5091.50 Hub 5100 sth @ 5307.4 old Hub

Mkd 5307.4 Mistake some place? OK.

5321.7

5321.75 Hub N edge of road, + 78.3  
stake 54-57-60 sth 6261. Hub 6300 N. sth

6460 Turn SWP NW-SE 6570 LV 6600 sth

6600 + 136.3 = 6736.3 Hub (6630 narrow of SWP

20 ft wide E-W) 6900 sth 7100 fourth W. end  
of SWP 7200 stake all go to dinner in my car  
to run with Geo weaver

Note: There is a mistake some place on  
Page 84-88.

PM all go back 2.  
miles in my car 7325 stake on line 7500

7793.5 Hub 7800 N. stake 7960.10 Hub

From which NW Cor of old fence line

#58919' W 205.3 FT

7968 - a 3. wire fence E-W - down in  
place 81-84- 8598.5 Hub 8700 sth  
9000. stake.

Curo - Davis - Refidal over wire with Weaver  
Rest go home. at 5-30

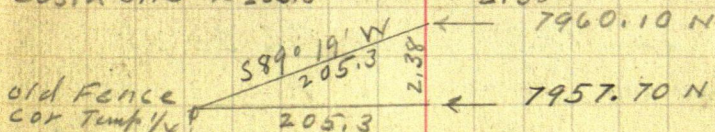
89019'

Sine 99993 x 205.3 =

20530

COS 0116 x 205.3 =

2.38



Bet 23-24  
T44-R28

Jahn W Curo



Dec 29-1923 Sat

Slake Lewis and Rofidal 2: 8-30  
Met Borden and his car with Earl and  
Scott @ Harrison P.O.

Call up home in Brainerd.

Alma says Harold Lewis has just  
caught a "6 ft walleye"

We Lv bath car and all walk half  
a mile to Continue our line

North cut 23-24-44-28 U 6' 40'

9,000 stks + 156.5 = 9156.50 <sup>6' 40'</sup> Hut 9,300

9467 enter open marsh E-W 9,600

9,700 T. 9,800 E of end of Island 9,900

10,200 stks in bog 10,250 enter solid

land SE-SW. 10,280 enter green spr sup

NE and W 10,500 stks. 10,565 Lv sup

SE-W. 10,590.70 N Hut. US N 46° P 89.

We find 12" Oak standing green  
well marked S 56° E 21.12 ft C 8' in

root stump of NE perfect for corner and  
dist. The SW prop shot stump S 32° W 35.16 x

root of NW O.K. From Hut 10,590.7

See on beam N 87° 16' W 19.20 ft

Lay out cor. Quit early - Rene walks home  
Lewis and I home to Brainerd for supper  
and over night.

John W. Cress



1923-1924 Time Sheet			Garvison trap Roads													
	SUN	SUN	SUN	SUN	SUN	SUN	SUN	SUN	SUN	SUN	SUN	SUN	SUN	SUN	SUN	SUN
Dec 1923	27	28	29	30	31	Jan 1	2	3	4	5	6	7	8	9	10	11
John W Cure	8:15 PM	1	1	0	1/4 PM	1/2 PM	1	1	1	1/2	0	1/4	1	1	1	1
Car	1	1	1	0	1/2	1/2	-	-	-	-	0	-	-	-	-	-
JL Davis	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
RJ. Rofidal	1	1	1	0	-	-	-	-	-	-	0	-	-	-	-	-
Earl Borden	?	1	1	0	-	-	-	-	-	-	0	-	-	-	-	-
Perry C. Borden	-	1	1	0	1	1	1	1	1	1/2	0	-	1	1	1	1
" " Car	-	?	?	0	?	?	?	?	?	?	0	-	?	?	?	?
Tom Scott	-	1	1	0	1	1	1	1	1	1/2	0	-	1	1/2	-	-
Cliff Knowlen				0	1	1	1	1	1	1/2	0	-	1	1	1	1
Ernest Persson				0		1	1	1	1	1	0	-	1	1	1	1
W.L. Viers and team				0		-	2H 30M PM	1/2 PM	1	-	0	-	1	1	1	1

All Paid in full Jan 17-1924

(4)



Dec 30-1923 Sunday.

All day in Brainerd. Mr and Mrs J L. Davis and Lida at our house - Tony brings Helen and Glen Turkey for dinner - Geo and Ada Fallon and Ivers Junior Babcock also for dinner

Lida goes home with Helen -  
Cold as hell -  $15^{\circ}$  below

Dec 31-1923 Monday

Davis and I all day in Red  
monkey business - on flat of Anishkee Bay  
Lv @ 4 PM with 15 big IMS.  $20^{\circ}$  below  
Supper with Davis

After Supper - Call up Ernest Persson to meet us at road enroute to  
Mille Lacs Lake - Car trouble -  
Radiators thrown out at Persson's  
car broken so of Heykeman Get it back  
Route at home out of bed Lv car  
walk a mile to Rene Rofidal place  
Lodge with Mrs Dan Persson.

Cold as hell  $24^{\circ}$  below

Mrs Helen Martha Ring (or Rink)  
Davis staying with Mrs Curo

Jahn W Curo







Jan 1-1924 Tuesday

Breakfast with Mr. Dan Persson  
@ 9-a.m. L. fr Al Lower <sup>(3 men)</sup> place where  
we fix corborator pull out for Mille Lake  
Ar and eat late dinner 1 PM with  
Weaver 3 men.

Harry Bordon and his car takes  
Cliff Knowlton and Tom Scott  
who finish digging holes for I.M.S.  
They eat dinner with Tom Scott  
and meet us at Weaver where  
I mark I.M.S. for Cr 13-14-23-24  
44-28 from which we run a line  
East bet 13-24 -

Persson-Davis and Ouro Supper  
and over mile with  
W.L. ("Andrew P") Viers on Lat 1-  
Sec 24-44-28.



⑧

Jan 2-1924 Wed.

2" new snow last night - still snowing  
Crew as late and we chain

East lot 13-24 - T44 R28 picket line

@ cross our random from so

300-600-610 E. gutter meadow 900-1200

1500 slates in meadow 1550 LV S-NW

1800-8th 1875 lot so end meadow 2050

2 ft creek in meadow runs N. Some-  
times called "Garrison Creek" only

a ditch. 2100-8th 2110 LV north 2450

slate 2667 about, & slate road NW-SE

2700 E. slate 34 ft NW of ash slump

6 men take dinner with Viers

P.M.

Sun comes out bright - turns cold

Viers and his mule team and  
his boy helps our men take 2.

load of stone - one to NW Cor sec 24

and a load left near  $\frac{1}{4}$  corner W-

side. We set 5 I.M.S. in stone

at Cor to 13-14-23-24 T44 R28

2x48" cemented pipe wire in cam

See page 103.

2 1/2 Hours for Viers + team



## US Notes From Page 90

33.00 To Spruce Swamp E-W

40.00 =  $\frac{1}{4}$  Bet 13-14W. Oak 65 38 W 36 =  
asp 6 N 70 E 14 =

49.00 Tam E-W 5200 Lv. 64 burnillang

80.00 Cor 11-12-13-14 - 44-28 W 8-51'

B1K Oak 10 N 11 E 64 =

" " 6 S 67 E 9 =

" " 5 N 16 W 64 =

6 S 32 W 55 =

East bet 12-13  $\sqrt{10 \times 15}$ 40.00 =  $\frac{1}{4}$  W. Oak 6 N 44 W 16 = 10.56  
WP 6 S 41 E 55 = 36.30 OK.

42. 29 Mille Lacs Lake Set 190

B1 Oak 12 N 12 S 39 = 25.74

" " 12 S 39 N 50 = 33.00

East Random bet 23-26 -  $\sqrt{10 \times 20}$  E

37.50 To Tam N-S

40.00 Temp 1/4

45.00 Lv Tam N-S

49.00 Ent Mark Circular

52.00 Lv marsh

7964 intersect N-S-line 23 LKs N of Prob

West on line Line

39.82  $\frac{1}{4}$  Cor Bet 23-26 - 44-28

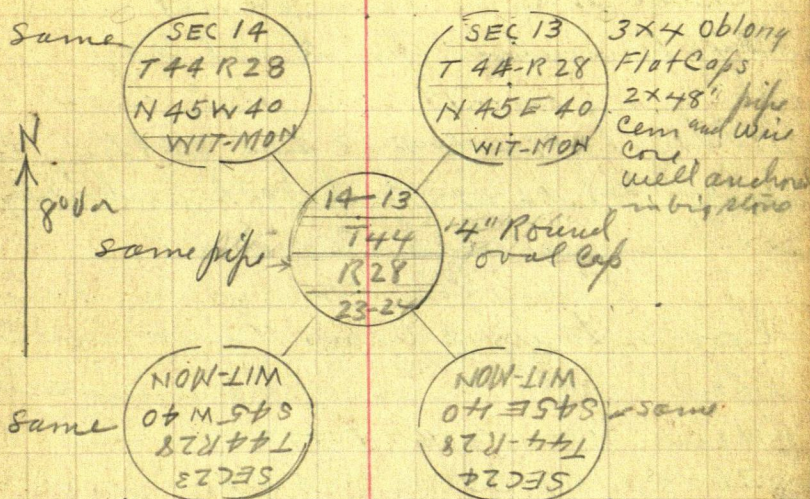
Aspen 12 N 24 E 31

Oak 15 S 27 E 33

7964 The Corner



Jan 2-1924. Cont'd



Corner set from old US. BTS.

Scatt shown us big stone with (+) corn in lap set 20 years ago by (Bill?). Finley @  $\frac{1}{4}$  m W. side of Sec 13-44-28 from which Cliff and E.P. cut a pocket line to. Bordon helps Uien haul rock. Scatt helps Louis and I find US BT. @  $\frac{1}{4}$  bet 12-13-44-28 NP6S 41'E 55' LKSE 36.30 Ft. Garrison and Tom Scatt cut this out year ago It is now 2 ft thick. Suffer and over with Uien (3 men) 55% 1. Tom for grease in rear - 5 gals for at Garrison P.O.



Jan 3-1924 Thurs

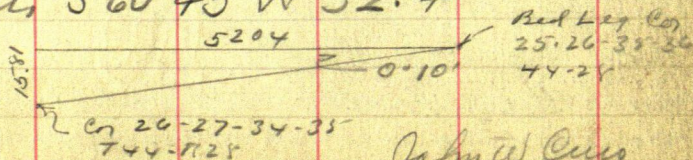
Cold as hell. Tom Scott and Cliff Knowlton spend all day digging up FM in E State Road @ 110-12-13-14-44-28 and cutting line East bet 12-13- and both probably eat dinner with Tom Scott

Perry Bordon and his Ford comes to us @ Vierr Resort and we spend all (4 men) get dinner with Vierr. I mark 5 TMS. for Cor to 26-27-34-35. P.M.

My car does not work well and both hind tires are flat so hire W.L. Vierr and his Mules to take us to Cor 26-27-34-35-44-28

US Notes On Page 89

We find Slump of NW Paplar also find SE Oak lies standing plainly marked also roots of SW and NE BSTS. All check perfect @ 70°30' N. See Pg 91, At 5036.24  $139.50 = 5175.7 W$  Cor Set S 60°45' W 32.4



John W. Cress

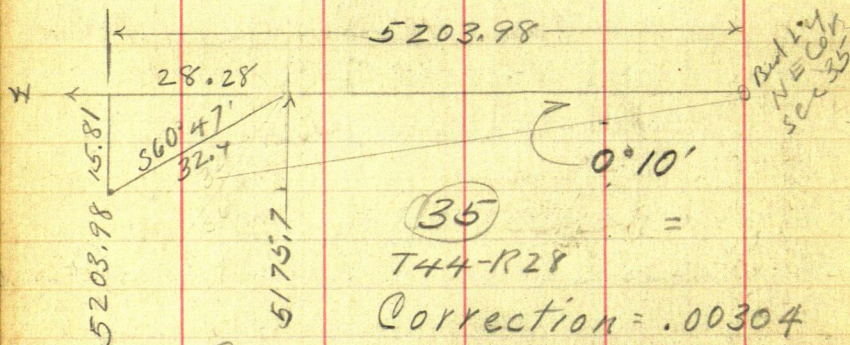






Jan 4-1924 Friday  
Figuring

$$\begin{aligned} \text{SINE } 87278 \times 32.4 &= 28.28 \text{ W} \\ \text{COSINE } 48811 \times 32.4 &= 15.81 \text{ S} \end{aligned}$$



(135)  
T44-R28

Correction = .00304

See Page 86.91.

W goes S

681.

2.07

2602.00 W " S 7.90 To 1/4 Cor Bet 26-35

2664. W " S 8.10

3560.50 W " S

4340 W W " S

4731. W " S

5036.20 W " S 15.31

5175.70 W " S

@ 2601.99 W  
1/4 goes S 7.90

5204  
Viers and learn late Louis-Person  
and I to new corner 13-44-28 where  
Scott and Knowlen have been  
trying to dig up Iron. Meet Tom  
Scott and we go to 1/4 Cor on



Jan 4 - cont'd

14

107

N. side of Sec 14 - 44-28 where  
Harrison shale seems to be 105 ft  
West from old WPBT, still standing  
See US Nats Pg 102.

He Leaver David Lewis and Laker  
Persson and Scott to Cor 26-27-34-35  
44-28 where they eat their lunch  
and set I.M.S.

Perry Bordon and his car brings  
Cliff Knowlen - as late. Cliff makes  
stake. Bordon and his car takes  
Lewis to NW Cor 25 where they  
check chain and find over 0.15.

$$5091.50 + 230.2 = 5321.70 \quad \text{OK Hub}$$

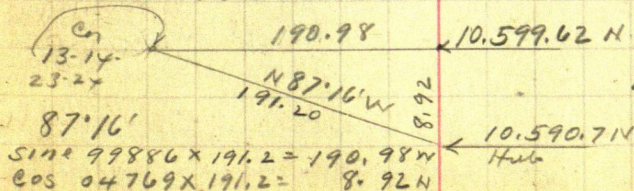
$$5100 + 221.7 = 5321.70 \quad \text{N. edge of road}$$

$$5321.70 - 14.3 = 5307.4 \quad \text{OK}$$

See Page 84 and 88.

Nat's 4 men take dinner at house  
and 2 men take lunch to woods  
= 6 men to dinner with Oiers

Nat's I call up Brainerd 30' below  
Zero - NW Wind. Day Cold.



Page 96.  
88  
84



108

15

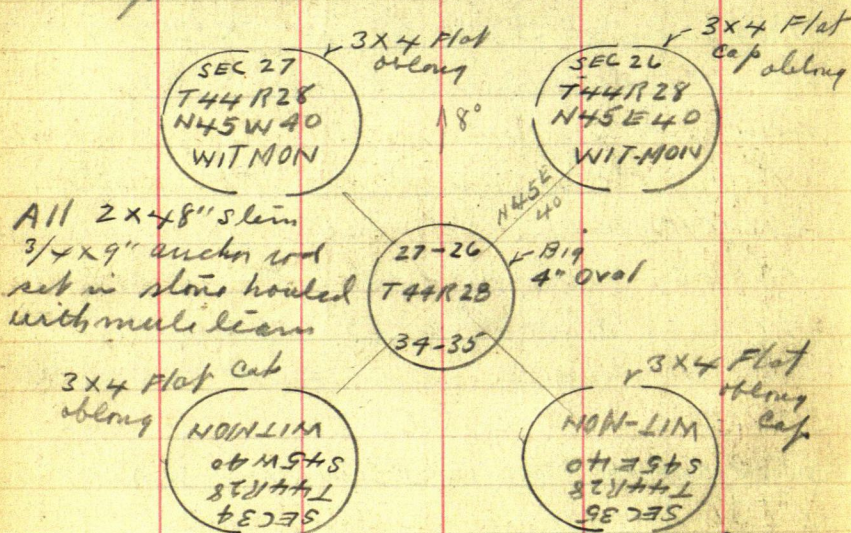
44-28

1924

Jan 4 - Condit

Scott-Person-Viers

Set 5 IMIS @ Cor 26-27-34-35-44-28

N 45° E 40' also NW-SW-SE. Frost  
6" deep Cold as hellCold as hell - Cuss-Person-Down  
still with Viers



Jan 5-1924 Sat

Bright Sun Cold West wind  
Perry Bordon and Carbrings Cliff  
Knowlen - Tom Scott as ahead of  
them. They report  $47^{\circ}$  below last  
night in Brainerd

We decide to Lay off.

Bordon - Scott - Knowlen go home @ 11-am.  
Louis and Persson get dinner with  
Vier (3 men) P.M.

Persson walks home. Louis and I  
pull out in my car? Not 5 sets. Ims  
here need 2 more round Ims for  
 $\frac{1}{16}$  corner

Home to Brainerd at dark

All get  $\frac{1}{2}$  day no pay for my car

Jan 6-1924 Sunday

All day in Brainerd. Helen and Tony.

Jan 7-1924 Monday

Alma Reed and I - Mr and Mrs Louis  
to Red 5PM. Go to Louis's then to  
Vier supper and over with 5. People  
warm.



110

(11)

(17)

12

(14)

1/4

(13)

190.98

193.68

10.599.02 N

(23)

5271.41

5255.02

1/4

2635.71

2635.71

OK

5271.41 OK

7957.7 N old fence

TRUE COR  
MON SET

IM - 82.73

80.03

15.79  
Halfway

5344.0

5328.21 N

(26)

5271.41

5287.20

0.0

2.70

2635.71

OK

2635.71

OK

5271.41 OK

2696.3 N

(25)

2692.5

56.80 N

Bad Leg

Random

(30)

1/4

(36)



Jan 8-1924. Tuesday

Perry Gordon and his car brings Scott and Cliff. Persson wathers the 7 miles. Ueis and team like whale crew South. At 1200 Stake

Chain 76 So to 1276. To Temp hut on random  
1.29 ft E of N  $\frac{1}{16}$  Cor bet 35-36-44-28 Run  
East  $0^{\circ}31'S$  Random N  $\frac{1}{16}$  line sec 36

Chaining from line  $\frac{1}{16}$  Cor. All drive to  
dinner with Ueis 6 men. also Alma-  
Reed and Mrs Lewis

Note: To put in Pt of N  $\frac{1}{16}$  line of Sec 36-  
44-28 on Nille Lock Lake See Page 87-94  
At Stake 1500 NW Chain N  $31^{\circ}55'W$  61.65  
To 1561.65 NW Then So 23.18 and put stake  
on ice. Our random cuts ice about  
3 ft to of this stake We will check this up  
later. Supper with Ueis. Two fishermen  
come @ 1-PM from supper

7.05 PM. John and I take Mrs Lewis  
Alma and Reed home to Bramford  
and then come back to Ueis on.  
10. PM. Crew set 5 IMS @ Cor to  
25-26-35-36-44-28 See Next page



Jan 8-9-1924

3x4  
Flat CapSEC 26  
T44-R28  
N45W40  
WIT-MONSEC 25  
T44-R28  
N45E40  
WIT-MONsmall cap  
3x4 Flat  
capAll 2x4 8"  
cemented and wire  
core - 3/4 x 9" anchor  
rod all set well  
in a lean hood  
of stone26-25  
T44-R28  
35-36Big  
4" oval  
Cap To be  
mounded  
next spring3x4  
Flat CapSEC 35  
T44-R28  
S45W40  
WIT-MONSet  
Jan 8.  
1924SEC 36  
T44-R28  
S45E40  
WIT-MON3x4  
Flat  
Cap3x4 Flat  
CapN45W  
40 FT  
WIT 1/4  
SEC 26N45E  
40 FT  
WIT 1/4  
- small  
3x4  
Flat CapAll 2x4 8"  
Re-inforced  
Pipe and all well  
set in big piles  
of stone hauled by  
team26  
1/4  
35very small Cap  
3" Flat Top3x4  
Flat  
CapSEC 35  
T44-R28  
S45W40  
WIT 1/4Set  
Jan 9-  
1924SEC 36  
T44-R28  
S45E40  
WIT 1/43x4  
Flat  
Cap



Jan 9-1924 Wed

Perry B. and his Ford Coupe brings Scott and Cliff. I go on with Perry.

Ovis and Mules bring Louis - Cliff and Persson to Geo Weavers

3 1/2" Flat Cap - 2x48" re-inforced pipe - anchor rod set well in large pile of stone hould by team Scott - Perry and I correct Hut

N  
US- 1/16  
35-36  
44-28

3797 checked ✓ on page 94 Turn

90° and run picket line north on lake  
Whole crew ar and we set 1m 1/16 on stone then go to Ovis for dinner (6)  
P.M.

Scotts Father-in-law is dead and Scotts car come for him @ 1-30 P.M.

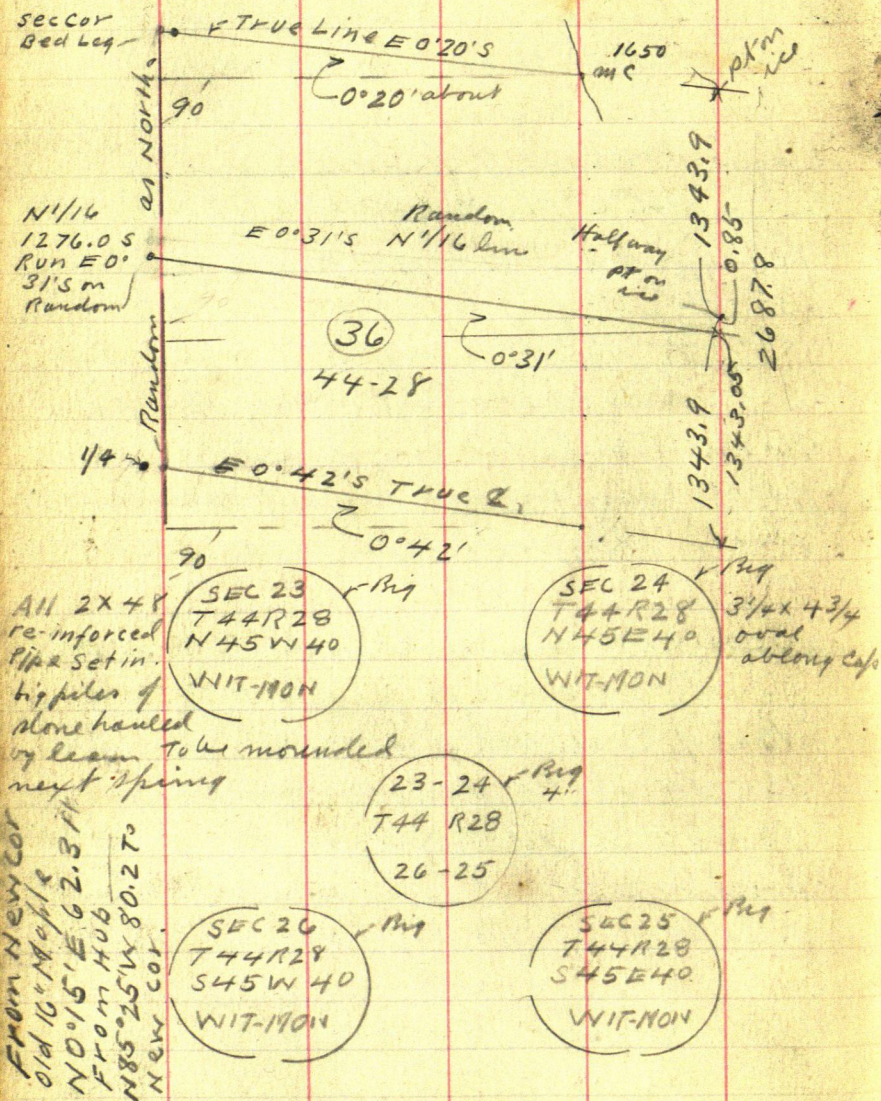
Bal of crew set 5 IMS. @ 1/4 bet 26  
35-44-28 Pg 112. Louis Persson & I over night with Ovis. Fog and hard N.E. wind Ice forms but not cold.



114

Garrison Twp Roads 44-28 (21)

Jan 10-1924 Thurs



At IM Pag 110 rvs S 15.79. Bear up line from

line v-s line = 0°52' from random

All work but Tom.



Jan 11-1924 Friday

SEC 26  
T44R28  
N45W40  
WIT 1/4

SEC 25 Small Plot  
T44R28 3x4  
N45E40  
WIT-1/4

All 2x48  
re-inforced pipe  
set in piles of stone  
hailed by mule  
Team Tube  
mounded next  
Spring

1/4  
T44R28  
26-25

WIT  
1/4  
S45W40

WIT  
1/4  
S45E40

Perry Gordon and his Ford brings  
Cliff - Vies and Mule team takes us  
to 1/4 Cor. bet 25-26-44-28 where  
we finish setting IMS as above.

Douglas and Pearson also work.

Begin @ Connected Hub 46.36 on  
Page 94. we chain North on picket  
line on ice Mill Lake.

At 2687.8' intersect N. line Sec  
36, extended East on ice. Our  
Random N-416 line of Sec 36. hits  
@ 1343.05 N. which is 0.85 ft low  
for S. Dinner with Vies (5 men)







Hand-drawn map of a survey area on grid paper. The map shows a network of points connected by lines. Key points are labeled with circled numbers 23, 24, 25, and 26. A vertical line is labeled "Random" and a horizontal line is labeled "sec en". Various numerical values are written along the lines and near the points, including bearings like "10.599.62 N", "7.963.91 N", and "5.328.21 N", and distances like "190.98", "135.50", "80.03", "3.814", "3.60.10", "96.391", and "29.6391". A note "OK." is written near point 23. A note "T44R28" is written near point 24. A note "11.10.15 N" is written near point 23. A note "1/4" is written near point 23. A note "5271.41" is written vertically near point 24. A note "5271.41" is written vertically near point 25. A note "5271.41" is written vertically near point 26. A note "5271.41" is written vertically near point 25. A note "5271.41" is written vertically near point 26.

 $3\frac{1}{4} \times 4\frac{3}{4}$ 

2X48  
re-inforced pipe  
set in big piles of  
slots would be  
tear

WIT  
1/4  
S45W40

Aug

r. B. g.  
oval

1/4  
T44 R28  
23-24

✓ Bred  
oval  
4<sup>1</sup>

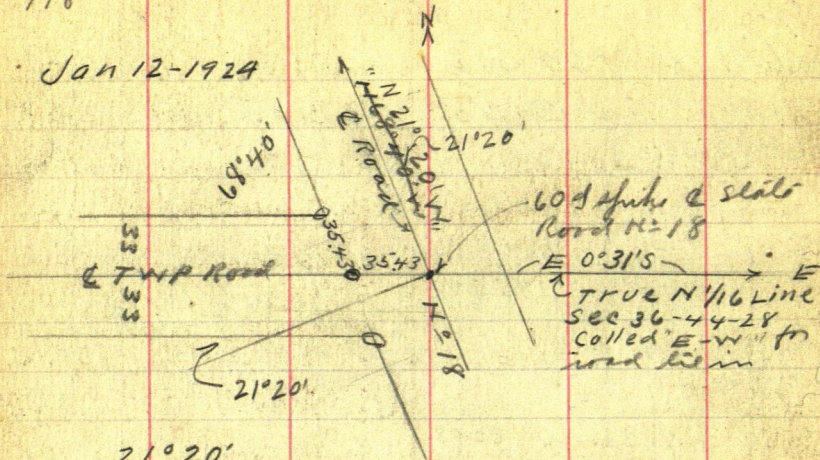
WIT  
1/4  
545E 40

Reg

same crew put in INS @ 1/4 bet 23-24-44-28  
True Line 95 meridian burned 1°15' L of  
random

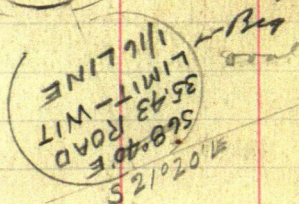
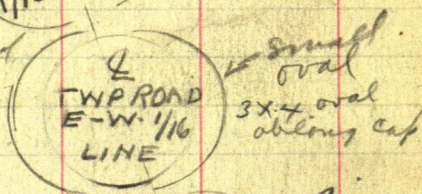
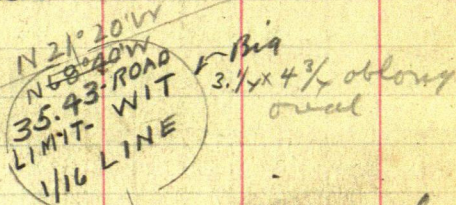


Jan 12-1924



21° 20'  
Sine 3638  
Cosine 93148 mls 33.00 = 35.43 Feet

A11.2x48"  
Re. reinforced pipe  
set Jan 13-1924  
by Perry Borden and  
Cliff



Vier and male team work all day  
 Hired 5 men with Mrs Francis  
 (W.L.) Vier P. Birden and his car take  
 Louis and I to Meauve 2 trips



Jan 12-1924. could  
and we set pits for #ms as shown on  
page 118. @  $2400 + 119.65 = 2519.65$   
E set pit and mark  $2 \times 48"$  pipe with  
small oblong oval cap see pg  
118 To be set by Borden and Cliff  
tomorrow Sunday

Cliff Viers and Persson finish setting  
5 ms @  $\frac{1}{4}$  bet 23-24-44-28 pg 118  
Persson walks home in pm.

Geo Weaver and I set 60  $\pm$  spikes  
on Connected  $\frac{1}{16}$  line E-W.

Doris and I get supper 2 men  
with Viers

At  $2519.65 + 35.43 = 2555.08$  E.

60  $\pm$  spikes in E state Road.

"Furgerson" owns Oar dock in Duluth  
his daughter Mrs Kooper? owns Blue  
Goose resort on Miller Loos Lake

Note 13. acres on N side of lake @ \$1300.

Note: Mrs Viers claims 144 Total -  
meals and beds including Reed Allen  
and Mrs Doris - ? we shall see later  
Weaver wants \$8,500 for his ranch  
Doris and I go home to Bed.



Jan 13-1924-Sunday

Perry Borden and his car takes Cliff  
Knowlen to Geo Weaver and they  
set the 3 I ms. on Page 118 bath takes  
dinner (2 men) with Viers



20 x out  
aug 26-1918 Gans 44-28  
Sept 16-1

Boat 211.  
Nov 22-1923

Gann out 1909

Gans 2666.4  
2645.0  
2643.

**S. V. COLEMAN**

L.W. Dinwiddy

514 Pined  
539 Pined

Doni

28FS

28F14

26Doni

Blue Gann

Melzer

Gann

28F5 Melzer's  
Gann

28F22 Blue Gann