

228

FIELD BOOK

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7 8 9 10 11 12

18 17 16 15 14 13

19 20 21 22 23 24

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31 32 33 34 35 36

2

US Notes

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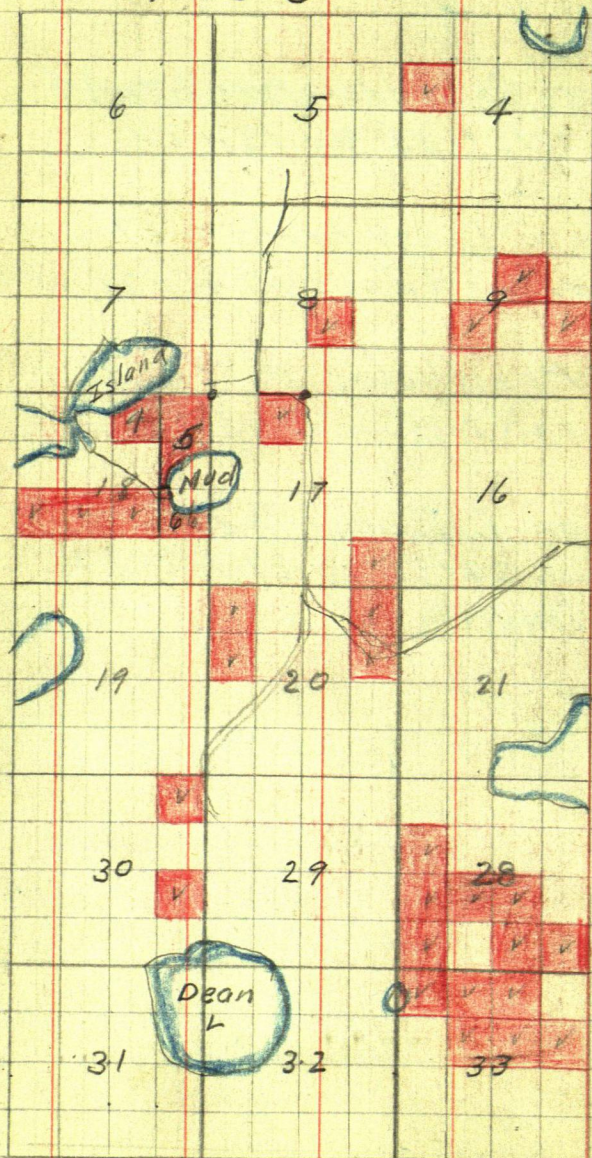
Sec 22-23-26-27-138-27

Moulster's Notes Pg 111.

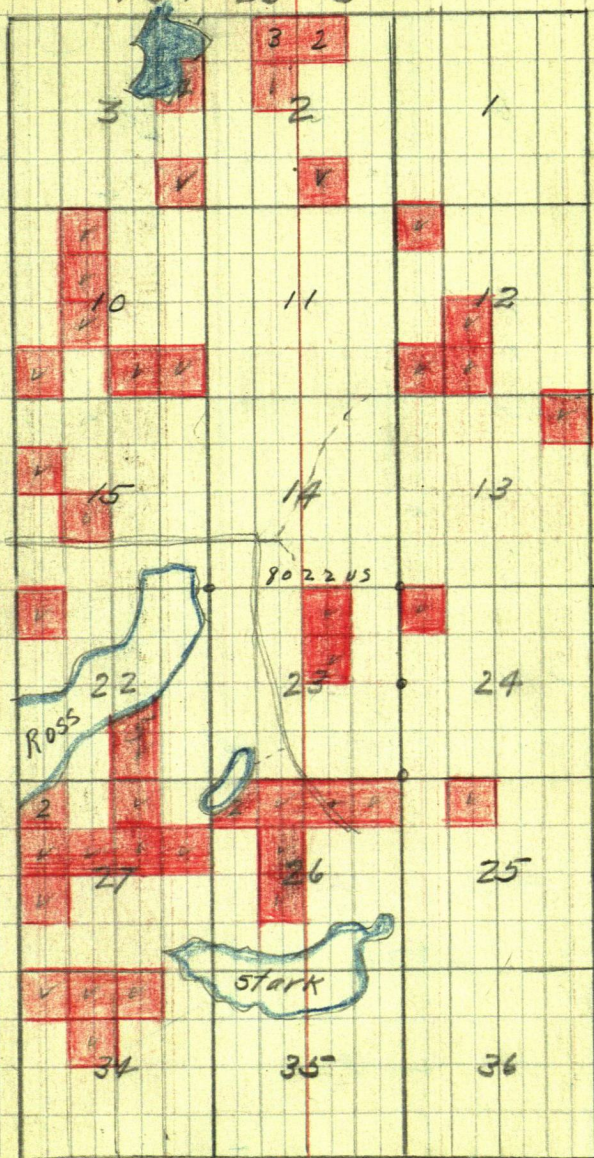
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Mackey Co

137-25-5 PM.



137-25-5 PM



6

137-26 Mackey Co

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T137N. R26W 5PM

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34	35	36

8

137-26 index
Mackey Co.

Time sheet Working for Macirey Co @ \$35 a week

1931

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Curo

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10

Mackey Co

US. Notes 137-25

Page 335 To 384 US Note Bk #3.

13-14-23-24 Pg 337 calls for

Birch 11 N 58 E 29 = 19.14

Aspen 10 S 47 E 38 = 25.08

" 9 S 60 W 63 = 41.58

" 10 N 85 W 87 = 57.42

1/4 Bk 14-23-137-25 Pg 346 call for

Fir 6 N 78 E 29 = 19.14

Pine 12 S 23 E 31 = 20.46

S 23° E 20.46

SINE 39078 x 20.46 =

7.9943

COSIN 92050 x 20.46 =

18.83343

12

Mackey Co

Feb 20-1931 Friday

Reed and JW Curo with our lunch
L Jenkins 10 AM - @ 12 AM @ Cross Roads
near NE cor Ross Lake Wildlife

@ 1 PM at a Camp owned by Ralph
Miles at Bill Peterson's new saw
mill. Meet Miles and eat lunch

at 2-PM - Miles goes with us
to pt near $\frac{1}{4}$ cor bet secs 23-24
137-25 small stake set by Lew
Knutson and run compass line

West My line seems to hit Mill
4 PM Reed and I drive

3 miles NE. Meet Gil Harrison
Partner to Ed J. Burns of Crosby
Harrison say Burns will
furnish two men to cut brush
if we furnish Engineer

We meet Mr
who tells us where to find cor to
1-2-11-12-137-25 work till dark
but find no cor -

Supper and over night at Miles
camp. Note: The crew contribute
us some blankets

John W Curo

Time Sheet Working For The Mackey Co

	15	16	17	18	19	20	21	SUN 22	23	24	25	26	27	28	SUN
Feb 1931	SUN														
John W Guro	0					1	1	0							0 \$20. P'd By Drennen
Car	0					1	3	0							0
Expense	0					-	-	0							0 } P'd By Guro
James Reed Guro	0					1	1	0							0
Ralph Miles	0					?	-	0							0
	Sixth Week								7th Week						

Board With	Ralph Miles	Hittin D.O.	At \$1.00	a day and use my own blankets
John W Guro	0	0 08	0	0 = 4 Meals
James Reed Guro	0	0 08	0	0 = 4 " Meals
	0	0	0	0
Total =				\$8.3333 / \$2.67

14

Mackey Co

Feb 21-1931 Sat

Miles shows Reed and I a toll
post set by Co Surveyor Knütson

@ Cor 16 23-24-25-26-137-25

We go in our new 1930 Ford post
way and wash balance

9-AM Back at camp

Reed and I then drive to cor
14-15-22-23-137-25

Run compass line to spot balance
then from cor Run

S 45° W @ 7 $^{\circ}$ 00' on ice in
Ross Lake To Camp for dinner
PM

back on ice work till 5 PM then
drive to Crosby. At 5-40 and

find Ed Burns out of town then
drive home to Senhuns via Beamed
in all about 100 miles

See Notes on Page

John W. Cress

Time Sheet Working For Mackey Co @ \$35 pr week - Flat

	SUN	1	2	3	4	5	6	7	8	SUN	9	10	11	12	13	14	15	
Mar 1931																		
John W Curo	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	Pd By Curo - 70.
Car	0	59	33	33	-	35	35	-	0	64	64	-	-	-	-	-	0	
Expense	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	0	Pd By Curo
Reed Curo	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	
Harold Bertram	0	-	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	Pd By Burns & Harrison
Bert LaBord Jr	0	-	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	
	0	8th Week.							0	9th Week.							0	

Board With Ralph Niles

John W. Curo	0	D	DB	-	DB	-	DB	-	0	D	-	-	-	D			0	Pd By Curo
Reed Curo	0	SL	SL	-	SL	SL	-	-	0	D	DB	DB	DB	DB	DB	DB	0	
Alma		D	DB	DB	DB	DB	DB	-	0	SL	SL	SL	SL	SL	SL	SL	0	

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Mackey Co

Time Sheet Working For The Mackey Co @ \$35⁰⁰ pr week. That

March 1931 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

John W. Coro 0 Pd By M.A. \$70.00
 Car 0
 Expense 0
 James Reed Coro 0

Pd By Coro

10th week 11th week

18

Mackey Co

March 2nd 1931 Monday

Reed and I Lv Jenkins at
9-AM - Drive to Beavine
Call on Walt Murphy who
loans me new field book

Call on Co Surveyor
Louis Knutson who says Cor
23-24-25-26-137-25 OK as
set by him from old US BTS.
but other 1/4 corners are lost

Lv Beavine for Corby
Pick up a Mr Ennis (Irish)
Formerly 40 years ago of Beavine
drop him off at Corby

12-30 PM Phone Ed Burns
who says he will furnish two
men for a week and to tell
Gil Harrison and Ralph Miles
he said so

Lv Corby at Miles Camp
2 PM. Eat late lunch at camp
and meet Miles and Harrison
who say OK for bush cutter

I will not till back
We have our own blankets and
stay at Miles camp - John W Carr

March 3-1931. Tues.

Miles furnish us two men:
Harold Nestor Bertram of
324-2 AV NE Crosby - Maine.
33 years old also

Bert LaBord Jr 24 years
old also of Crosby

Nali: These men are furnished
by Miles @ \$3. a day being \$2. for
work and \$1. for board To be paid
by Beaman and Harrison

Heller Transit 300 ft steel tape
Reed helps us all walk $\frac{3}{4}$ mil.
from Camp SE To Cor

23-24-25-26-137-25

US Nali call for

sugar Maple 5" N 36° E 18 Lks

Butternut 14 S 33° E 24 =

Aspen 16 S 44° W 34

Soft Maple 8" N 40° W 8 =

We find 4x4x7 ft New Post set
by Knotson which checks OK for
course and distance with 74"

Butternut down also 8" Maple now
Nali: Post seems a few inches too far
SE but we call it OK.

20

Mackey Co

March 3-1931 continued

23-24-25-26-137-25

New BTS. $7^{\circ}10' \text{Var}$

12" Green Balsam Stump $N 55^{\circ}30' E$ 71.3

16" " Birch Stump $N 7^{\circ} W$ 63.50

7" Basswood tree $N 37^{\circ} W$ 2.90

Old US BT 8" Maple $N 40^{\circ} W$ 5.28 (plus 2")

8" Basswood Tree $S 78^{\circ}10' W$ 12.70

14" Birch Tree $S 32^{\circ} E$ 53.00

Old squared up 20" Dead Balsam
Tree $N 78^{\circ}35' E$ 36.5 to side of
line $7^{\circ}10' \text{Var}$

Old US BT = 14" Butternut $S 33^{\circ} E$
15.84 (minus 2 inches - down
indefinite)

All new BTS blazed by me.

From this Cor start

π line North $7^{\circ}10' \text{Var}$ and @ 90°

West. To Camp for dinner
P.M.

Run Hub line N also @ $90^{\circ} W$

At 5 P.M. Reed and I
leave Berkham and LaBord
cutting line West and we
drive north and chain
lines

March 3-1931 continued

21

5 PM. Reed and \pm 300" ch no PB.
Beg at pt in cross roads 80 rods
N of SE Cor Sec 15-137-25 ch

West on graded road on $5\frac{1}{16}$
line of sec 15. Run by Compton
and built by Town Board

@ 1320 spot Tul Paler N of road

@ 2640 spot 6" dead Hardwood tree
N side of road for SE Cor Mackay
"40"

@ 3960 W spot Balsam N of road
for SW Cor Mackay "40" @ 5280 W

old stake set by Town Board
not correct sets about $4\frac{1}{16}$ E
end on so side of road

5465 W - rough ch Road
run north

Met young Mr Palmer who
says he "surveyed" this

at 6 PM at camp for supper
Reed plays and runs crew
 \pm drive home to Jenkins

John W Cress

Mackey Co

22 March 4-1931 Wed

Reed runs transit and helps
Bertram and LaBoard Flag

Went Bet 23-26 -137-25

Work on notes at Jenkins

March 5-1931 Thurs

Reed and his crew cut line

Went bet 23-26-137-25 cross

small lake a mile West

Pack survey outfit East on
North bet 23-26 -137-25

At 4 PM. Alma and I to
Jenkins I to Alma at
Sam Hann Res and

On at Miles Camp for supper
and our note

Reed and his crew are

OK.

John W Cress

March 6-1931 Friday

I run Heller Transit Reed cuts
 Flag and Charis 300' Tape
 Berliant + LaBord ax reb. N
 North Bet 23-24-137-25-07°10'E
 @ 300 stake + 203 = 503. Hub R.R. spike
 and red Palch: 600-900 + 109.5
 (or 119.5?) set Hub - R.R. spike
 Lath Marked "1019.5 N" (check
 this Later) 1140 ent Swamp
 1200 - Stake 1250 Lx Swamp
 1470 crooked road NE SW
 1500 + 77.3 = 1577.3 Hub
 1800 stake 1854 Hub R.R. spike
 on ridge: 2100. Stk + 291.8 =
 2391.4 Hub (2370 end of swamp)
 2400 stake in swamp + 241.8
 2641.8 Hub: 2700 + 29 = 2729
 Hub 3000 stake on line + 249
 3249. Nail in 12" W Pine green
 stump 50 ft N of swamp
 1/4 Cor Bet 23-24-137-25-
 US Nails call for
 Spruce 4 S 73° E 41 = 27.06
 " 4 S 23° W 12 = 7.92

24

Mackey Co

Mar 6-1931 Cont'd

1/4 Bet 23-24-137-25

We find the 4" spruce tree green
and plainly scribed also

Strip of SW spruce not marked

Both OK for course and distance

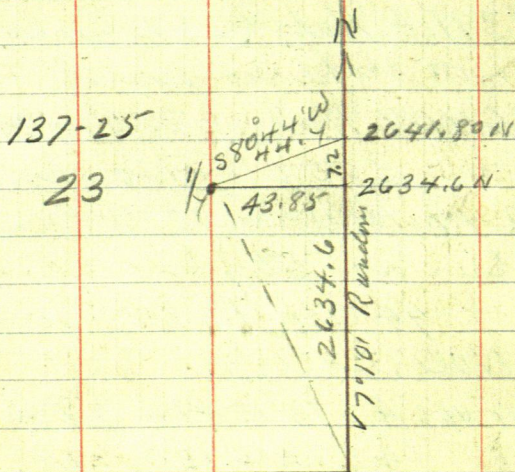
Chain in from old US BTS and
Dig 2 ft in bog and find pt
point of old stake

Tower Hat 2641.80 N

1/4 Cor sets $S 80^{\circ} 44' W$ 44.4 Ft

On 7.1550 and 43.85 W

At 2634.6 N 1/4 stands W 43.85



March 6-1931 cont'd

Correction

2634.6) 43.85 (.016644

2634.6 goes w 43.85

2729. " " 45.44

3000 N " " 49.93

set stakes
Temporary.

Reed and I set stakes and
instruct men to cut various
lines and after supper
drive home to Alma at
Sam Hanes.

Reed and I batch at
home in Jenkins.

Mar 7-1931 Sat

Reed and I with Harv
Crommett run water levels
at Backus.

Bertram and LaBord
Cut line E bet 24-25 and
N Bet 23-24 - 137-25.

Reed goes to Sam Hanes and
gets his mother 51 miles.

John W. Crew

26

Mackey Co

Mar 8-1931 Sunday

Preacher Downey - Alma Reed & I
 Lake Supper with Fred & Gladys
 Moulster at Pine River

March 9-1931 Monday

Reed Alma & I Le Jenkins lady
 7-30 at Camp Miles Fred
 Beilham & LaBorel just gone
 We follow and

Continue

North bet 23-24-137-25 Houdon

3000 stake 3249.00 nail in stp

3300 stake + 72.9 = 3372.9 Nail

3" slump 3600-3900 stakes

3900 + 179.7 = 4079.7 Nail in green

12" WP slump 4200-4500 +

126.6 = 4626.6 Hub = R.R. spike

in swamp 4800 stake + 167.3

4967.3 Hub 5100 + 100 = 5200 +

29.6 = 5229.6 Hub R.R. spike

2634.6 + 2634.6 = 5269.2 Hub

5200 + 69.2 = 5269.2 Hub

5200 + 80 = 5280 Hub R.R. spike

Cut line 300 ft North for
 back right

March 9-1931 continued

27

at about 5280 v we look for
13-14-23-24-137-25

We find old BTS which do
not fit my notes

Find 15" Birch lie NE

14" Hard wood stub NW

24" W P Stumps SW

all plainly scribed

Build 3 fire and burn
brush around corner

5-30 at camp

note: Mr. Curo came with
Reed and I and ate dinner
at camp

I L Reed to run crew

Alma and I L before
supper @ 5.10 and drive home
to Jenkins

Mar 10-1931 Tues

Reed & crew cut line @ 90°

Work bet 14-23-137-25

I am at Jenkins

Mar 11- Same

28

March 12-1931 Thurs Mackey Co

Lv Sanburn 6-20 AM

Ar 7-30 Ralph Miles Camp near Cen
 Sec 23-137-25 Crew have gone I drive
 back North Find Reed T. with
 Harold Bertramnd Bert LaBord a
 still cutting

West on random bet 14-23-137-25
 we run Hub line 1 ft in field about
 45 ft so of Cor 14-15-22-23-137-25
 Not chained. We drive a mile so
 Walk to Cor 23-24-25-26-137-25 ch.

West bet 23-26-137-25

300 stakes R.R. Spikes for Hub

530.2 Hub 600-900-1200 stakes

1334.0 Hub 1500+100-1600, 1900 sth

1982.7 Hub 2150 dim road WSE

2200, 2500. stakes 2600 of N.S. Co Road

2800-109.5 = 2690.5 Hub

1/4 Bet 23-26-137-25

USNader call for

3100-3400 stk 3430. Hub 3700 stk +

100.6 = 3800.6 Hub 4000 sth + 66.6 =

4066.6 Hub 4300 sth

March 12-1931 continued

$4300 + 137 = 4437.0$ stake on low seawall

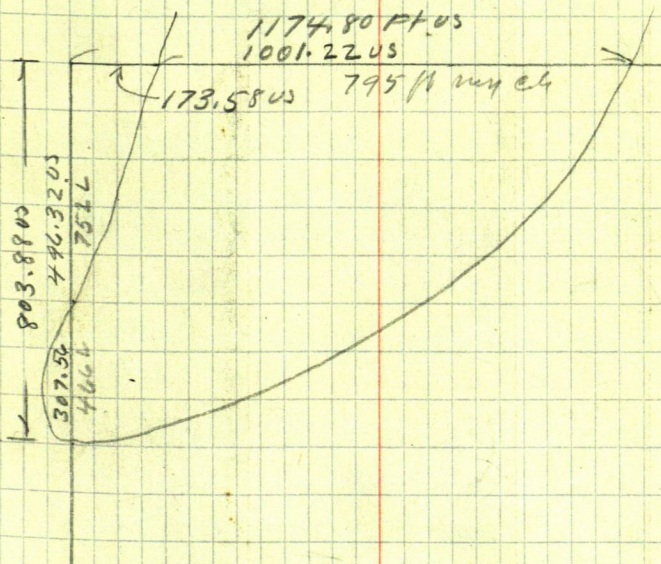
NE-SW: 4600. 4700, 5200, shouder

5232, sharp edge low seawall

5299.00 Hub

Quit for dinner

1001.22
795
306



March 13-1931 Friday

Nat: Ralph Miles says the Burns
Men - Bertman & LaBord worked in
all 12 days. Must have worked to day
@ 1100

30

Mackey Co

Nov 1-1931 Sunday -

Dinner at Home P.M.

Reed and I with Lafe Cyrus and his
Blankets Lv Jenkins 2-P.M. at
Camp Miles - 23-137-25 @ 3-30 P.M.
Ralph Miles will board Lafe @ \$1. per
day. I take Lafe to SECOR 23-137-25
show him where to cut line

Reed and I return Call on Banks
Home late

John W. Cyrus

Nov 2-1931 Monday

Lafe plays with Miles and cuts line
South Bet 25-26-137-25

Nov 3-1931 Tues Same

Nov 4-1931 Wed Cuts line E bet 24-
25-137-25. I Lv Jenkins 10 AM.

Call on Mrs Effie Palmer - also
Vilos Robinson Res. + Louis Star-
walt at narrow - via Emily

2 P.M. at Miles Camp P.M.
Lafe and I go to SECOR 23-137-25 at
West on Reed's old line

Nov 4-1931 continued

13-14-23-24-137-25

My US Notes call for

Birch 11 N 58° E 29 = 19.14 ft

Aspen 10 S 47 E 38 = 25.08

" 9 S 60 W 63 = 41.58

" 10 N 85 W 87 = 57.42

Note: There is some mistake in these notes. These notes I have checked with "old" and "new" notes at of the Beamer and which are both the same. They do Not fit stamps On The Ground.

Must check notes with St Paul and Washington-Lake

We find 15" Birch tree standing green plainly marked NE also

12" Tam broken off 4 ft up well marked NW also 15" WP stump SW

All are old Original US BTS

also Well spotted line bath E & W To set Temporary Cor &

First mark out on the ground

True E-W Line Lined up with Gen-

eral course of old spots Then

Chain SW From 15" Birch to

True intersection 19.14 ft

13-14-23-24-137-25 contd

Drive Jacob Stoff on my Garley
Compass well into the ground for
Temp Cor. Old B.T.S. Then stand
as follows 7:30 AM which is true
Course of Reed's Transit line West

Old 15" Birch Tree N 54° E 19.14 010

" 12" Elm Stob N 43° 30' W 26.90 FT

" 15 WP Stp S 13° 30' W 25.35 "

Note: I checked St Paul & Washington
notes do not change the Cornales at Reed
my Jacob Stoff will both true Cor

Begin @ my R.R. Spike Random Hub
5280 N When Reed turned 90° and
run West. Lofe and I chain

West on Reed's old Transit line

41.8 My Temp Cor sets So 3.00 feet

300 stake 600 + 72.4 = 672.40 Reed's

Hub R.R. spike 900 - 1200 Stks + 251.0

= 1451.0 Hub R.R. spike by Reed in

swamp 1500 - Elk 1700 about 6000

1800 stake: 2075.60 Reed's Hub R.R. spike

2100 stake Don't need stay with

Ralph Miles Lumber Camp

Jahnn H. Cress

34

Mackey Co

Nov 5-1931 Thursday

7-30 AM. Lape and I on line ch

Went on Reed's line 2400-2700 Stk

2700 - 10.7 = 2689.3 VV True

 $\frac{1}{4}$ Bet 14-23-137-25 sbs-

North 35.20 Feet @ 90° to random

USNatis call for

Fir 6 N 78° E 29 Lks = 19.14 Ft

Pine 125 23° E 31 " = 20.46 "

We find the stump of 12" WP chop out

BT marks find rotten stump of

NE Fir old hard slices of ax marks

Set 3x3x40 inch Blue Oak stake

True $\frac{1}{4}$ Cor 14-23-137-25

I go and bring Silas C. Palmer

P.O. Aikin Little Pine. Route 1. see

the BT marks on WP stump

Mr Palmer owns and is building

a new 30x40 res on SW $\frac{1}{4}$ of SE $\frac{1}{4}$

Sec 14-137-25 Has lived here

Five years - Lived 3 years at

International Falls. He says O.K.

Heller and Brightly Transit Perfect

adjustment 300 Chicago tied Lape

Dinner at camp PM. Ralph Mullis helps

from 1 PM to 2.30 - $\frac{1}{2}$ team

NOV 5-1931 cont'd PM.

Turn Hat 2689.3 W Turn 90° to E-W
random and run

South parallel with E Random line
From $\frac{1}{4}$ Cor Bet 14-23-137-25 Run
South on line of Sec 23

@ 35.2 Hat under 2687.3 W of Reeds
Reeds Random Hat 5280 N and
2647.5 Ft West from my Temp
NE Cor We cut line about 60
rods so and Quirt

Hat: at 60 rods so we are 150 ft E
from new compass line run so by
Ralph Miles at this rate Miles line
would hit out about 800 ft E for
West in a mile

3.30 PM. Lape and I get our blankets
and start home to Senter's

Call on Carl Peterson who tells me
about Franklin B. Knoblauch-Reactor
748 McKnight Bldg N.Y. Atlantic
3808 who owns in 137-27

W $\frac{1}{2}$ SW $\frac{1}{4}$ and SE SW = Lot 2 Sec 12

E $\frac{1}{2}$ NW $\frac{1}{4}$ (Lot 2) Sec 13-137-27

Hat Lot 2 Sec 13 = 30.82 acres Knutson's

Secney cuts him off from O'Brien Lake
Hornet 51
John H. Cunn

36

Mackey Co

Nov 6 - 1931 Friday

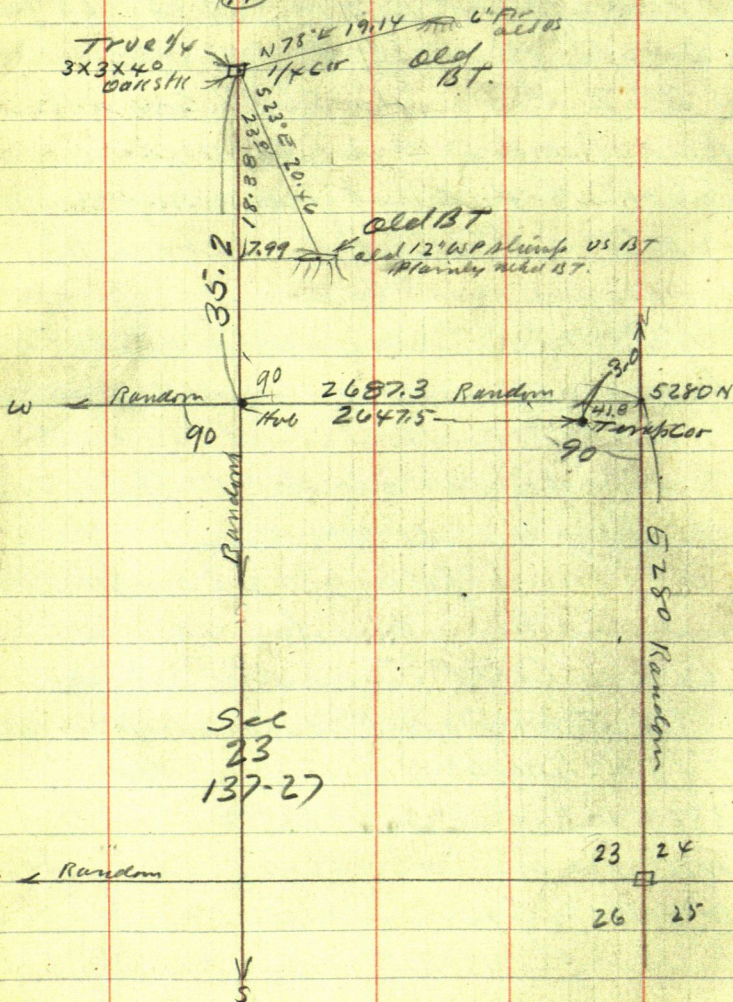
137-25

Warm - Bright sun - no snow - so wind

In office Read at school Chil. vol.

1/4 Pt 14-23-137-25

(14)



Addresses

37

M. R. Drennen 1251 NWV North Bldg Kipler

Ralph Miles Atkin PO. Little Pine Roulr

Banks. Dave C. " " " " "

Tucker " " " " "

Bodel " " " " "

John Walz atkin owns Callage upper Dean L

Otto Hauser 3125 Emerson AVE N Cherry 3663 ¹⁹³¹ ^{Kipler}

Mrs Bertha Ellis 2914 Aldrich Ave N. Kipler
moved to

Mackey Co

May 28-1932 Sat

Reed and I with our lunch drive to

19-20-29-30-137-25 at 10-am

Mitchell Dean Wentworth

helps us. Dig up Corn Min Brass Cap
Set by (US. Gen Land office 3" capWalk 1/2 mile to where Dean
shows me an old single barrel shot
gun barrel set by original owner
Wm
for

1/4 Cor Bet 29-30-137-25

US Nails call for Fir 95 65 W 30 = 19.80
SPRUCE 7 N 20 E 9 = 5.94

We do not look for trees now but ch
 North on random bet 29-30 & 5-30
 0.0 = Temp 1/4 using 100' tape and P.B.
 = Sta #1.
 203.4 Hub under Heller Transit
 577.8" Hub enter Co road at SE
 1000 stake E side of crooked road
 1450.6 Hub W. of road var reads 6'15" Sta #3.
 From Sta #3 Turn 8°39' R and run 4 Rod
 N 8°39' E 665.6 ft to Sta #4. E edge Road
 From Sta #4 Run 6°44' L N 1°55' E
 Var 6'10' chain 581.4 to Sta 5 bend in Cor
 Cor to Secs 29-30-31-32. 5 PM.

JUNE 7-1932

39

Figuring

N 8° 39' E 665.6

$$\sin 150.40 \times 665.6 = 100.11 E$$

$$\cos 98.863 \times 665.6 = 658.03 N$$

N 1° 55' E 581.07

$$\sin 0.3345 \times 581.07 = 19.45 E$$

$$\cos 99.944 \times 581.07 = 581.07 N$$

100.11
19.45
119.56

1450.60
658.03
581.07
2689.70

Total N = 2689.70

" E 119.56

119.56 off in 2689.7 ft
2689.7 / 119.56 (0.44445)
= 2° 33'

203.4 N 90° E 9.04

577.8 " E 25.69

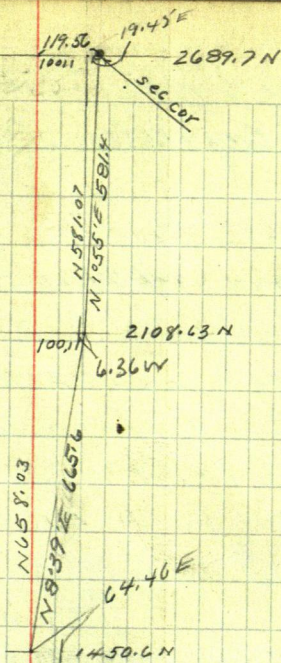
1450.6 " E 64.44

2108.63 " E 93.75 = 6.36 W

2689.7 " E 119.56

100.11
93.75
6.36

2689.70 N



40 June 6-1932 Mackey Co
Figure Correction pag 41.

June 7-1932 Thursday

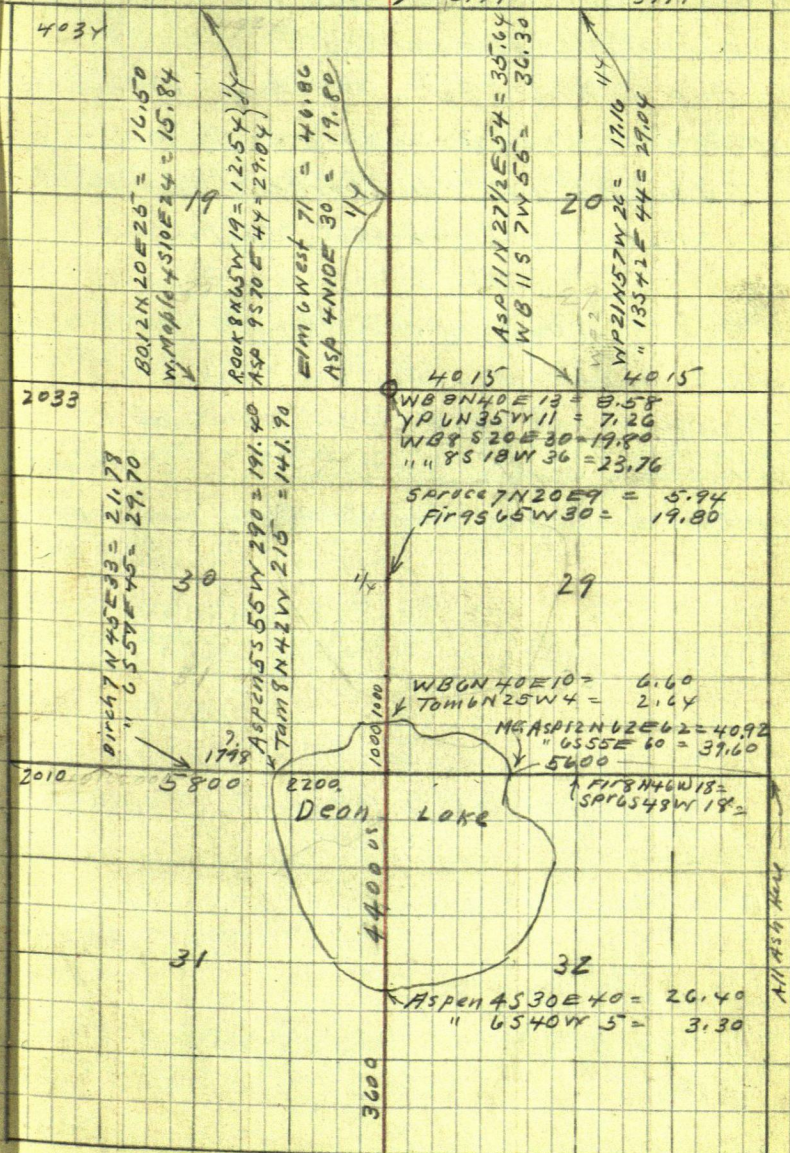
New hired girl Alma Kayola playing
with Alma Curo - Reed and his New Ford
and Lefe Cyrus working at Bocher
I L. Jenkins alone at 11-30

Spidon reads 5.

At 2-p.m. Mr Ernest Wentworth 73 old
(Dean's Father) works with me Dean
at Brainerd Town Hut 577.8 N C 4
East 25.69 set stake on line 17 ft E of
C road From 577.85 ch 22.15 T-7
Thence N @ 780.2 R.R. spike Hut 4 ft E of C
800-900-1000 1027.6 fall stake in E ditch
11-12-13-14 + 50.4 1/2 R.R. spike 1450.6 -
6 1/2 ft W of C T over 1450.6 ch so
S 105.75 To 1344.85 N Set Hut 1 x 9
Maple Hut 4 ft W of C Road Temp N 1/16
15-1/2 ft so of point in line with old
fence running West. Dean wentworth
returns from Charles W. Farland trial at
Brainerd and helps set correction
Hut 64.46 N. walk to old gun tower
@ 1/4 bet 29-30 no find um 1375.

ASP14N41E46 =	30.36
PINC24S64W32 =	21.12
ASP13S52E33 =	21.78
YB6N17W7 =	4.62
✓ 3999	3999

41



42 30-137-25 Mackey Co
June 7-1932 continued

Out 4-30 PM. I go alone to Perry
Gus Davison Res deserted 3 weeks ago
by Aug Johnson family. Found stolen
10 double windows and one door

Took out to get to our timber slash
on W¹/₂ NW ¹/₄ 20-137-25 Callon

June 8-1932 - 10 am.

Spedon reads 22.005.00 Full Tank
Lv Denham. Take small lunch
work on survey Wentworth land

Sec 30-137-25

277.2

43

Mackey Survey

207.2

Oct 9-1932 Sunday

Alma Reed and I with lunch L.

Jenkins 10-AM. 81. ch T. Norb

Drive to Island Lake Look over Mackey
lands Drive to West side Island Lk.

Then to Wentworth res.

Heller over Hub. 203.4 Page 38.

Focus So on Temp 1/4 Cor Bet
South Bet 29-30-137-25

Temp 1/4 = Sta 0.0. = 2689.7 S chain

South 277.2 Hub = 1x36" Birch set
By Reed. Whence N 70. ft To Spoke in
16" Birch stump

Nail; Wentworth 19 20
is using my tent and 30 29
I leave it with him
for a week or so.

2689.7

2689.75 Temp 1/4 old single shotgun
Barrel

2722
20.1

Nail in stump 2896.95

Hub 2966.9 South

Drive home to Jenkins via Ironston
and Bearnard Carl H. Ryan calls in
evening

Jahn W. Curo

44

Mackey Co

Geo W. Lusso.

45

Govt Lot 4. Sec 34- T45 R29 4th PM

June 4-1934 Monday

I and Alma of Brainerd- Dwight- Mattie and Mary say Geo D. Palmer wishes to see me % of survey. Palmer and I in my cord drive 11 miles East to Lusso res. I tell them my pay is \$15 a day and expense but that I will charge them only about one third. Shoemaker talks at Brainerd.

June 5-6-7th in Jenkins work for John Kater AR

June 8-1934 Friday

Alma and I bring Dwight Sr to Brainerd where I leave Alma with Mattie.

At Lusso res 9-9AM and we find BTS @ S.W. Cor Sec 34-45-29 Dinner with Lusso PM.

Pick up John W Lusso 29 Single and Thomas Tyntkynen 23-Single

46

June 8-1934 continued 2

At Cor 27-28-33-34-T45 R29

WP 20 N 54 E 310 = 204.60 Feet

US Notes call for Red Pine 18 S 53 E 307 = 202.62

We find stumps of both old US BTs. The SE one being plainly marked. The NE Tree has fallen East and only large roots and part of stump remain. Set stake between the roof of old NE BT at point where "BT" marks would at and from this stake chain SW 204.60 and from SE BT stump NW 202.62

Intersection comes exactly on old spike in flat cement monument 1/2 foot below meadow sod.

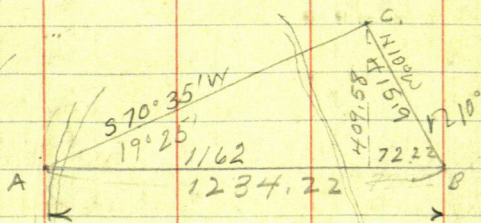
Figures on Cement mon are large and plain 27-28-33-34. It is 1.50 long N + S and 1.2 ft wide E + W

Brace with stake on top of E of spike in E of bag monument
cut line 80 rods E to old 2x2x36" stake, work Heller T on line and cut line E to lake

June 9.
Set flag in water's edge on W side "A" and set portable center hub East over lake on route of ground Mhd B"

Mr Swanson owns land on S side and tells me to cut any lines that may be on line

T over Hub "B." BS with Hub "A" called West and run N 10° W 415.9 to Hub "C" in grain field
T over "C" Hub "A" bears S 70° 35' W



Deed

Warranty Deed January 13-1931
Midland Natl Bank & Trust Co Mpls To
George W. Lusso and Margaret Lusso
husband and wife \$1. &c
Gov'l Lot 4 Sec 34 T45N R29 according
to US Gov't Survey Except about 10 acres
on West side viz

Comm @ SW Cor of Lot and running East to
Meander line of Grange Lake. Thence in a
Northerly direction to a pt on N. line of said
Lot 4 - 30 rods E of NW Cor. Thence West to
NW Cor thence South to place of beginning
which leaves about forty-two (42)
acres lib & hereby conveyed

Filed Feb 4th 1931 Book 65 Pg 528

Note 30 Rods = 495.00 Feet

48

June 9-1934 Sat

Figuring

N 10° W 415.9

$$\sin 17365 \times 415.9 = 72.220''$$

$$\cos 98481 \times 415.9 = 409.580''$$

$$70^{\circ}35' \cot 2.83702 \times 409.58 = 1162.0$$

$$19^{\circ}25' \tan 35248 \times 1162. =$$

$$19^{\circ}25' \tan 35248 \times 1162 = 409.58$$

$$1162.0 + 72.22 = 1234.22 \text{ over } 1012$$

Note: June 8th we cut East 80 Rods
No chain Dinner & Supper with Lusso
Drive to Bearhead Sleep with Alma
at Dwight's

June 9-1934 Sat

We cut East to the lake over lake
&c. B.D. & Supper with Lusso
I take Alma home to Jenkins

June 10 Sunday 1934

3.00 PM. Dwight and Mary leave
Mattie off at Jenkins and go on to Benidj's
Alma - Mattie & I at Jenkins

June 11-1934 Monday

Mattie, Alma & I at Jenkins Red still
in St Paul.

Time Sheet Working for Geo W Lusso

	SUN	4	5	6	7	8	9	SUN	10	11	12	13	14	15	16	SUN	17	18	19	20	22	23
June 1934	SUN	4	5	6	7	8	9	SUN	10	11	12	13	14	15	16	SUN	17	18	19	20	22	23
John W. Caro	?	-	-	-	-	1	1	0	-	-	1/2 PM	1	-	-	1	1/2	1	1	1	1	1	1
Car	1	-	-	-	-	1	1	0	-	-	1	1	-	-	1	0	1	1	1	1	1	1
Expense	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-
Geo W. Lusso	-	-	-	-	-	1	1	0	-	-	1/2 PM	1	-	-	1	0	1	1	1	-	-	-
John W. Lusso	-	-	-	-	-	1/2 PM	1	0	1/4 AM	-	-	-	-	-	-	0	1	-	-	-	-	-
Thomas Tynasynen	-	-	-	-	-	1/2 PM	1	0	1/2 AM	-	-	-	-	-	-	0	1	-	-	-	-	-
James Reed Caro	0	-	-	-	-	-	-	0	-	-	-	1	-	-	-	0	-	-	-	1	-	-
Herman Bock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	1	-	-	-
Charlie Bock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	1	-	-	-

50

June 12-1934 Tues

11-30 AM. Alma, Mattie & I drive to
Brainerd - I drive to Lasso res.

11 miles E of Brainerd At noon

I tell them I had my dinner

PM

Geo W Lasso and I 300 ft tape P.B.

Beg @ C.M. Cor 27-28-33-34 chain

East on true line @ 230 Lv Meadow N-S

485 stake - 495 point for "30 Rod" stake

503.5 about = 2 Rods N-S 600 - 28 =

572. Hub 600 stake 900 - 176.15 = 723.85

Hub. 900 str 1200 - 243.7 = 956.3 Hub

1200 stake + 126.45 = 1326.45 Old Stake

1500 stake @ foot of 1st big hill + 145.7

= 1645.7 Hub on top E Brink - 12.6 =

1633.1 Hub = 2 Pins on top. 1645.7 + 300 =

1945.7 - 65.7 = 1880.00 Hub + 214.3 =

2094.3 Hub 2 pins on top + 9.2 = 2103.5

Hub on E Brink + 112.7 = 2216.2 stake

on line 2103.5 + 208.7 = 2312.2

Hub = 2. Pins on Sea Wall + 1.8 = 2314

E Brink + ft sea wall. 2316 Foot

2103.5 + 213.7 = 2317.2 Tall stake at

Waters edge "Sta A" Talal 2317.2 E

Thence Over Lake

7

June 12-1934 continued

P.M. Over Lake Sta "B" 2317.2 + 1234.22

3551.42 At B. over lake

28 27 2346.305

2317.2

1234.22

B

3980.4 E

33 34

3551.42

1753.28

-5304.70 Total-

At Hub "B" = 3551.42 E chain West +

@ 0.82 Find 1" iron pin 0.35 North = 3550.6 E

@ 184.72 W = 3366.7 E 1" iron pin and Lat

Stake sets N 0.40 @ 187.42 W = 3364.00 E

Set a common sulphur match stem
in S edge of fallgreen 7" Bosswood stump

5 ft tall. at 194.42 = 3357.0 E. West

Bank of low sea wall. @ 201.42 W

= 3350. E, Water's edge on E shore

Grave - on Marion Lake

Hub "B" = 3551.42 chain East 300 stake

385.28 = 3936.7 E 1" iron pin sets N 0.40

E. at 429 about = 3980.4 about 2 H-S Roof

600 stake + 216.68 = 816.68 + 3551.42 = 4368.10

Hub = 2 pins 900 stake. + 264.58 = 1164.58

= 4716.10 E Hub 2 pins 1200 stake 1500 stake

+ 253.28 = 1753.28 + 3551.42 = 5304.70

To Spike in big old cement Corner Mark

Note: Our line does not miss the spike 1/8 inch

At Cor 26-27-34-35 T45 R29

52

June 12-1934 continued

Nate John and Tommie come along just as we finish and help us Lati for supper at Geo Lossores. Evening I drive home to Beaverdam for overnile. Find Reed all sleep at Matties. Alma Reed I & Mattie. Dwight & Mary are in Barnidge.

June 13-1934 Wed

all eat breakfast with Mattie

9-30 AM Reed and I at Lurro Res Geo Lurro goes with Reed and I.

1/4 Cor bet 33-34 T45 R29 US Notes Coll for
BP 12 N 55 E 98 = 64.68 OK. DOWN - NKD Plain
BP 10 S 68 W 59 = 38.94 - gone.

Line here crooks East

At SW Cor 34-45-29 we find stone Mon in @ of roads E-W-N and 33 ft N of I M @ NW Cor Maple Grove Cemetery + in top Set Red Flag

All am working on line P.M. Ch

NORTH

N. bet 33-34. @ 3-6-9-12-15-18-21-24 + 244.8 =

2644.8 R.R. Spike in west side wide grade in line with old fence west 27-30-33-36 + 65.6

3665.6 Hub under T E side of road 3900 + 26

3926 R.R. Spike Hub NW of road 4130 enter

Meadow 4200 in meadow 4467 L Bank Creek

9

LUSSO

53

June 13-1934 continued

North Bet 33-34-45-29. @ 4496 R. BK Creek +500

stick +786 R. BK Creek +800 Falls in Creek

Back up and take off 40 feet +760 stake

4805 L. Bank Runs NE. $4760 + 3 = 5060$ feet+62 = 5122 L Bank 5138 R. Bank $5060 +$ $250.7 = 5310.7$ Spike in @ M. 27-28-33-34

SE Angle

X over NW Cor 34 SE Angle $89^{\circ}51' 179^{\circ}43'$ $269^{\circ}34' + 359^{\circ}26' = 89^{\circ}51'30''$

28 27

5304.70

33

2343.05

 $89^{\circ}51\frac{1}{2}'$ Reed, and I eat supper with Luso overnite
with Mattie Drive via Killingsstad rcs

June 14-1934 Thurs

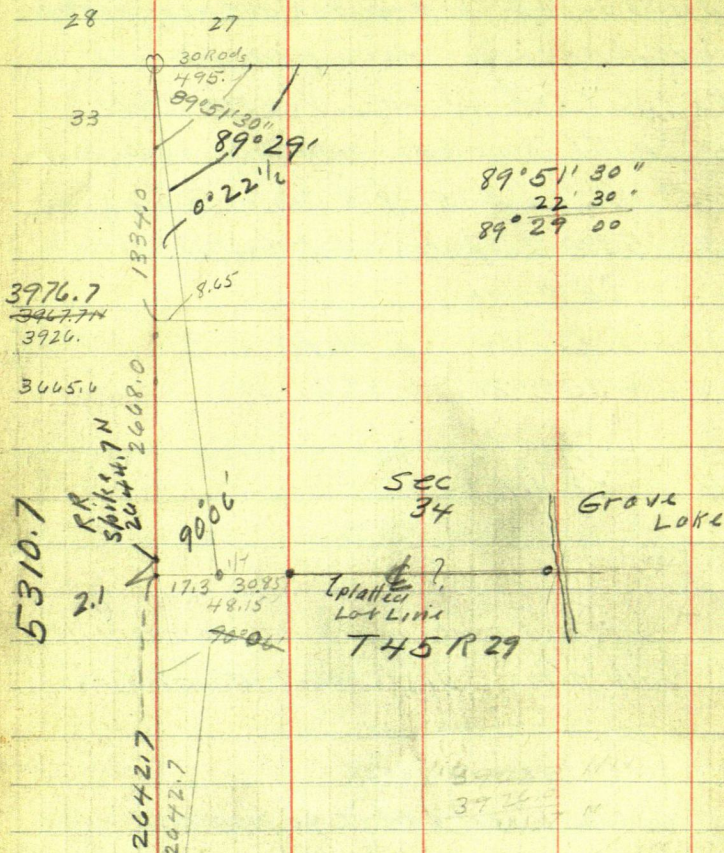
Alma-Reed and I go home to
Jenkins. This is Jesse Blake's
84th Birthday

June 15-1934 Friday

All day in Jen

5310.7

54



(17)

LUSSO

55

June 14-1933 Thurs

Up early and drive to Killingstad farm and
take Alma home to Jenkins

Evening: Mrs Hampshire stays with Alma
Reed and I call on Dr Lumm.

June 15-1934 Friday

All day in Jenkins on Ralph Robideau Field
Notes Alma-Reed and Mrs Hampshire at
Church supper- Mrs Hampshire goes home
for over mile sick

June 16-1934 Saturday

Reed stays home with Alma I go alone
stop 10 minutes at Beaman

10 am at Lusso farm and he goes with
me to $\frac{1}{4}$ Cor bet 33-34 - 45-29

MS Notes call for 10'03'

BP 12 N 55 E 98 = 64.68

" " 10 S 68 W 59

We find old BT NE down plainly marked

rusty birch pole in old lap coat hole

Set RR spine of line $\frac{1}{4}$ Cor in E edge of wood

$\frac{1}{4}$ Cor Bet 33-34 T 45 R 29

NP 8 S 40 E 37. SP 11 N 53 40 E 43.15

1" Iron Lot Cor East 30.85 another

1" Iron Lot Cor on lake shore E

all courses turned from Lot line East

US Notes T45 R29

Town Line Pg 48 Book "A"

Bet 44-45 R929

West Bet 2-35 $\vee 13^{\circ}15'E$ --

7700 Stream 10 NW

8000 Cor 2-3-34-35

WP 245 77W 260

No others near

West Bet 3-34 $\vee 12^{\circ}15'E$

150 Lv Marsh NW-SE

Red Pine 12N 2E 155
40.00 $\frac{1}{4}$ Aspen 55 68E 21

8000 Cor 3-4-33-34

BP 7N 27E 23

BP 6N 75W 30

" 8 S 26 E 24

Subdivision Pg 52 Book B.

NBet 34-35 T45 R29

40 = $\frac{1}{4}$ Red Pine 14N 76.3 $\frac{3}{4}$ E 350 No other

8000 Cor 26-27-34-35

WP 30S 33E 37

Asp 5N 52 $\frac{1}{2}$ E 26Spruce 16S 17 $\frac{1}{2}$ W 85 " 4N 19W 54

Pg 56

NBet 33-34 T45 R29 $\vee 10^{\circ}03'E$ 3400 Cross Winder Liach Crow Wing ^{NE} _{SW}40 = $\frac{1}{4}$ BP 12N 55E 98

" 10S 68W 59

6400 Creek Marsh SW

7600 Cross Creek 30 Course SW

8000 Cor 27-28-33-34

WP 20N 54E 310

R Pine 18S 53E 307

No other

(13)

U.S. Notes T45 R29

East Random Bet 27-34 U9°51'E

250 Lu Marsh N-S

3550 To lake Temp MC.

8000 intersect N-S-Line at Port

West on true line S 9°51'

2950 To lake Set Meander Port

Balm Gilead 12N41E6

" " 10S66E 8

4000 - 1/4 in lake

4450 Over lake Set MC.

Burr Oak 10N26W60

W Pine 24S38W118

8000 To Corner

Meanders Pg 73 Book B

in 27-34 Beg Erid lake run in 27°10'11'

N62°W100 N24W500 N78½W800

832W725 To MC Bet 27-34

In 34 S12½W900

S37W350 N82½W800

S49½W1150 N81W1000

at 900 Outlet NW 30 wid.

S3½E1500 S21E550

S45½E1100 @350 Crow VV. Trail W^S

S84½E950 N58½E1150

58 June 16-1934 continued

Over Straight line bet 33-34 at wood
pin 2.10 S of Reed's RR Spike. The Fence
on W Side of N-S Road is 0.80 N

my new $\frac{1}{4}$ Cor is half an inch so and 17.30 E

We begin at 1 inch iron pin on West
shore of Meade Lake being NE Cor of
Kaveli plot and run a line West
about 500 ft to an iron pin set
for NW Cor of Kaveli lot continue West
on this same line 30.85 to my new
 $\frac{1}{4}$ Cor and 48.15 to Straight transit line

Intersect 2642.7 N and 2668.0 S
RR Spike set by Reed sets 2.10 R.
and is marked 2644.8 N

Assuming this lot line to be on
E & W $\frac{1}{2}$ of Sec 34 - T45 R29

I take SE angle with my straight line
90°06' Ties to 1" iron pin NW lot Cor

NP 85 13°25' W 29.10 Turned from
JP 85 77°40' E 31.30 Lot line East

Var reads 6°20'

17.30
30.85
48.15

Take NE angle
90°06'
180°12' OK 90°06'

Dinner with Lurra

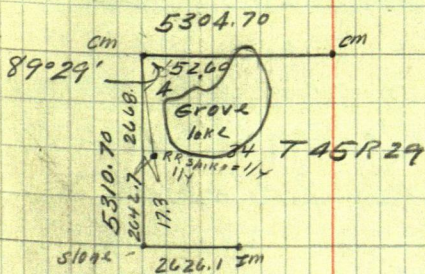
June 16-1934 continued

P.M. Lusso and I Beg @ SW corner Sec 3 & Ch
E. on town line graded road 2626.10 to 2nd
Set by Knudsen for $\frac{1}{4}$ Cor

At stake 485 E of NW corner Ch E 10 ft
495 E (30 rods) Set 1 inch bolt 10" long in
West side of road = Chas Smith's NE corner
B. Oak 10 N $72^{\circ}13'E$ 52.5 Turned from
WP 10 S $39^{\circ}03'E$ 67.45 straight line E

Figuring See Page 54

West line Gov Lot 4 runs $50^{\circ}31'E$



at 495 E we start line $50^{\circ}31'E$ parallel
to West line Gov Lot 4 Sec 3 & 45-29

695 and 895 E start lot lines $50^{\circ}31'E$
Supper with Lusso Over mile with
Doughty Jr.

60 June 17-1934 Sunday

I drive to Luro farm at 10 am and tell him we will not work today

Return to Brainerd and make plat of Meander = $\frac{1}{2}$ day sleeping in my car over night in Red Reed and Alma in Jenkins

June 18-1934 Monday

Lv Brainerd 8 am at 8-30

Geo Lusso and I drive to Herman Bock and Charlie Bock Brothers cut lat lines

Tommy and John Lusso also are and help run T over 3926 N Ch N 41.7 (Note: should have been 50.7) and cut line East (9.00 ft too far so)

Note: Change of line 9 Ft North
see page 65.

From temporary $\frac{1}{16}$ Ch E @ 48. & round 200 stake: 226.3 & 7" elm line cuts & N half 236.8 shore line Set stake

cut on N-S-lines Geo and I go home alone to dinner T test Temp N $\frac{1}{16}$ Twin Birches 1089 N 80° W 27.65

White Oak 12846° 15' W 36.85

Note: The true $\frac{1}{16}$ is 9. ft N

June 18-1934 continued

(17)

LUSO

61

N line runs E $0^{\circ} 08\frac{1}{2}' S$

E of sec E $0^{\circ} 06' S$

N $\frac{1}{16}$ line E $0^{\circ} 07\frac{1}{4}' S$

Beg @ Hub 1095 E Chain June 19-1934

$80^{\circ} 31' E$ @ 157.9 Hub + 140.1 = 298.0 Hub

+ 2 = 300 stake 600 @ 626.7 Two pins 630

corn chalk mark in 20" Basswood

slump (Nail or spike later) 653 Hub

801.6 Hub 834. E 6" ash on line

leaves East 892.3 Hub E old road

E-W 943.6 Hub on seawall

2x30" stake 960 walls edge

Grave Lake in sec 34 - T45-29

June 19-1934

Beg at pt 1.28 ft E of W $\frac{1}{16}$ Cor

90° to line Ch South on $\frac{1}{16}$ line

@ 88.2 Hub 282.8 Hub 301 - 434.0 Two

pins 600 647.4 Hub 698.9 Hub E

old Road E-W 771.0 Hub on Seawall

Whd 671" (changed to 771.0 June 22-34)

774 Birch of Seawall. 780 Water

Herman and Chailie Book

Geo Luss and John W. Cune

Work. Walk N correct all hubs. 1.28 whd

True line

62 June 20-1934

Reed, Alma & I. work at Nisawa.
Fr Dr Lorn Alma plays with Min
Burn See Field Book 222

June 21-1934 Same

June 22-1934

Alma at Bryants. Reed and I
call on Dr Lorn Get ch \$15.00
Dinner with Mattie & Doughty Jr
I buy some groceries for our dinner.
PM

Lessor & wife not at home 1-PM
Reed and I re-mark stake on W 1/4
line "7760 S"

Find line 1095 E OK

Beg @ Hut 895 E of Acc Cu ch S 0° 31' E
214.2 Hat at 219 Hat 5" NP on line
at 243 & 16" WP on line

At 214.2 S find offset Hut 0.80 W
at 251.6 Hut on line line also
offset Hut 0.80 W at 300 and 375
set stakes Thence run deep draw 300
at 675 Stake.

19

at $375 + 235 = 610$ Hub on line also
offset Hub 2 Pines $0.80 W$.

Walk to Canyon Heller K

True 610 - offset $0.80 W$ and runs $0.31' E$.

668.7 Hub $675 + 192.5 = 867.5$ Hub

on line line Touch 867.5 B Son
line line continues $0.31' E$

$+ 165.0 = 1032.5$ Hub Caldwell

$867.5 + 251.5 = 1119.0$ Hub

pt for Iron run $+ 5 = 1124$

water edge I came like runs
 $NE \times W$ Geo Lusso and

his wife arrived 4-30 PM

and Geo helps a little and goes
home. 5-20 PM.

Bay 695 E of sec on ch $50.31' E$

Parallel to W Sec line 262.1 Hub

300-600 slabs 691.8 Hub 816.3 Hub

900 slabs 1025 Hub on Caldwell road

1044.5 E Edge $7" W$ Birch Hanger

East 1046.5 West edge $6" W$ Oak

$1025 + 95 = 1120$ Hub on low shore

1130 water edge

Big 495 E of sec on ch 30' 31' E
 parallel to W Sec line 351.8 Hab
 Hab + Red flag on Hill 651.8 Hab
 $+171.3 = 823.1$ Hab & road
 851.1 Hab 2 pms under π
 951.8 stake $+1 \times 5.5 = 1097.3$
 Stake on lake shore $+2.7 = 1100$
 Wall edge

June 23-1934

Mokemap Figure acreage all day at
Jenkins 30' 31' E 771

$$\text{Tang} = .00902 \times 771 = 6.95 \text{ ft}$$

231.17

6.95
224.22

Lot 5 is 231.17 on N end and
224.17 2 wide at a point 771.5

$$\text{Tang } 00902 \times 780 = 7.04$$

231.17
7.04
 224.13

August 10-1934 Friday

Alma and Mattie alone at Jenkins

Recd. John Babcock Gromling "Junior"
and 1 Lv Jenkins 8:30 AM. Buy 25 pipe
scraps at NPSHap St. Call on Geo Palmer
also Earl Jenkins and drive to Geo W
Lusso res Mrs Lusso not at home. We eat
our own lunch with Geo 12-30 PM.

Geo cooks 8 eggs for us
PM

We drive to Geo follow Salu in
his own car At N.E. Cor Rohl
tract 495.0 E of NW Cor Sec 34-45-29
Drive 2x30 pipe over the iron pin Seeties
on Page

N 1/4 At Temporary N 1/4 Sec Page
60. we chain N 9.0 ft and drive
2x30" pipe on N Slope of hill New ties
Elm 10 N 18° 40' E 47.50

Twin Birch S 81° 05' W 27.50

W Oak 125 37° 45' W 43.60

See Page 60 Turned From True Line N.

Walk East to stake 236.8 E Run N 9. ft
then East 8.4 To 245.2 East Set 2x50"
Pipe on East brink of seawall

Pipe is 2.0 from E Brink and 3. ft from water
edge also 4.0 E of West edge of sea
wall So we give Chas Smith "all there
is" in his tract. This viz

Elm 7 S 64° 20' W 20.65

Elm 10 N 21° 20' W 37.85

To flat spot at base turned
from line line west

See Page 60 This book

Run North 34 feet to
Sea wall on N side of Point
which extends about 90
feet east Heavy Brush.

Flag @ IM 495 ft East of NW Cor
Sec 34.-45-29 Another Flag @ IM
245.2 E of SW Cor Lot 4 and on EW
1/6 line - Work Heller on line and Run
East line of the Charles Smith
Tract. Beg 5? ft W of Run

S W @ 200 - 4 road @ 300 sth @ 491.4
Hub 25 ft E of Φ 585. Stake on line
One foot West of Φ 15 inch Basswood
line 600 Stake 611.50 Big 3 1/2 x 24" Turn
Hub 674 Φ and main road NW-SE
747 Hub. 868.2 IM 2 1/4 x 50"

880 enter meadow - low seawall 900
bottom-land enter cat tails @ 925
Low water. Quit at dark

Geo W Lusso takes 11 iron pipe
2 1/4 x 30 to 36" which he will set
at lot corner

Note: at noon Lusso gives me a
check \$33.62 via L. B. Kinder to Geo
W. Lusso Citizens State Bank July 17-1934
N^o 1181 indorsed Geo W Lusso

My total bill	\$60.00
Or Bk Check	33.62

Bal due Aug 10-1934	→ \$26.38
---------------------	-----------

We are home in Jenkins later 38

All go to school play

John W Lusso

Note: Nov 1934 Lusso gives Ilo and Reed a check
for me \$15.00 leaving a bal of \$11.38

①

69

19-137-28

Aug 9-1936 Sunday

H. L. Prestholdt 1628-N 22nd

St mpls owner Lots 2-3- Sec 19-
137-28Wonts acreage - water & land
rough chainReed and I go Senheim 10-
am. Mr Prestholdt opens his big iron
gate to admit us

We work inside his big wire fence

Beg @ 1/4 bet 19-20-137-28

SE Cor Lot 3. ch

1/4 Cor North bet 19-20-137-28

345 foot of east bank

Set Hat 60' up, ch E on fence

3-6-

70

Duban
DeLaney...

①

April 1-1938 - See Book 230
Pg 117. Duban svy

3-pm. Albert Duban calls at
Jenkins in a hurry for a survey

33.12^h
33.12^h Lot 7-Sec 23-138-27

Fox Lake near Mrs Jack
DeLaney - Orville House

17- staying with Duban will
help. Address

Al Duban 1364 Eleanor St
St Paul - Married - his wife
is coming soon his house is
up. Formerly a Steam shovel

Engineer Hurt with shovel 5.
years ago ordered by Doctor
to get out of City - Nervious

His new house to be 24 x 30 frame
Split Log siding - pays \$15-\$18 for
boards - 10¢ each for split logs

Bot land from

F. M. and E. V. Dolan - rl. est 613 Pioneer
bldg St Paul Tel Cedar 6944. Agents for
(and relatives of?) T. S. Naughton lands.

For now: Call Al Duban - thro Emily
2-Long rings: I get \$25 a day for plot
work and \$15 + exp. - 6 hours in field and
2 in office or 25% for figure Earl Jenkins
etc send him time

Duban

DeLaney

71

April 2-1938

(2)

8 AM. Reed arrives with my
car. Pick up Ernest Guthrie

Take 3 lunches to Lushkin. (9-30)

At 10-30. Al and I call on Mrs
DeLaney. Reed. Al and I work
till Noon. digging up $\frac{1}{4}$ Cor

Eat big stew with Al & Orville
PM

Reed. Ernest and I go back to
 $\frac{1}{4}$ Cor Bet

26-27-138-27. See Harry Keep
Survey - Butterfield Survey Book 49
and other books.

Bk 49-Pg 48. Old Notes.

π over $\frac{1}{4}$ BS. See Sec. Cor Ch

N. bet 26-27-138-27 - 1303.35 $\frac{1}{6}$

$2606.70 = \frac{1}{4} - N - + 21.68 = 2628.38$

Hut - wood - 27-27-30 - 33-36 stakes
+ 139. = 3739.10 Hut 3900-3994.20

Hut 4065 Ent meadow. About

4193. Old stake hole (maybe
Butterfield Survey - 42-stk + 267

Lushkin E-W. 45-stk. 4567.60

Hut 609 spike on top hill + 93.54 =

4661.14 Set 2x32" pipe in large

72 Apr 2-1938 ³ continued

Old Notes-continued

' mound of dirt-note. Pipe driven
in close against my old stake set
from old US BTS- See

Old Notes-

Today Apr 2-1938 we find my 60° spike
in E E-W Road @ $\frac{1}{4}$ Cor bet 26-27
NE and NW old IMS. Check
perfect 45.00 and 45.00 ft OK.

We dig for old IM E road but
it is gone or leaned too far out.

Spike on ch N 22.00 ft. and set.
R.R. spike 0.32 N of my old Hut @ 2628.38

π over old 60° spike 4567.60 N

Pg 51. Rk 49 (all other hubs gone)

B8 on Flag @ $\frac{1}{4}$ Cor Run

North on True lin Bet 26-27.

@ 93.54 = 4661.14 per line thru

E half of 2" pipe True MC. contin

North 4661.14 + 300 = 4961.14 from
on iron. East Fox lake +

228 = 5189.14 (= 528.00 from MC)

set wood hub on ice

Temp Cor to 22-23-26-27-138.27
on ice

Apr 2-1938 continued

π still @ Hut 4567.60 BS-S. on 1/4
Reed Sls Hut over lake - Double cen
spread inch R.R. spike on Top of hill
near Mrs DeLaney Callager

Chaining from MC IM-50

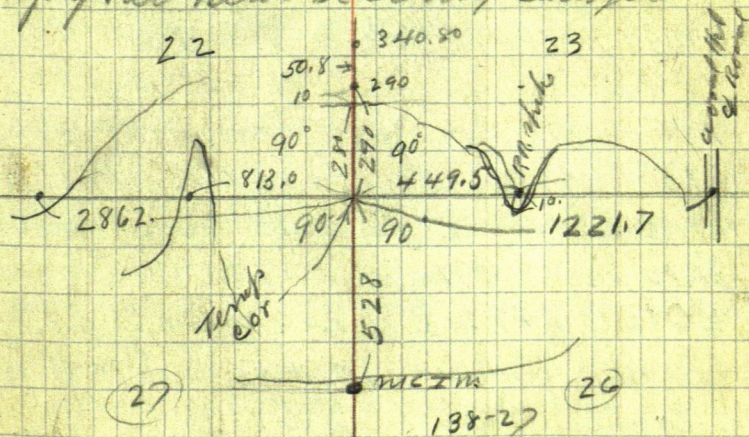
Sid of Fox ch on is

North but 26-27 - @ 300 fm + 228 =
528.00 small wood hut on is

Temp cor 22-23-26-27 - 138-27

@ continue from Temp See Co
North @ 280 Lu in 290-R.R. spike
Hut at foot of hill +

290. + 50.8 = 340.80 Hut R.R. spike on
top of hill near DeLaney Callager



466114
528
518914

74

(5)

$$\begin{array}{r} 340.8 \\ 280 \\ \hline 60.8 \end{array}$$

From Temp Cor 22-23-26-27-138-27
on ice chain

North 280. Line EW 290. Hwt. 340.8

Hub on top All Hubs = R.R. spikes

South on ice 528.0 IM - MC.

East 300 on ice + 149.5 = 449.50

Hub on S. point. Nat @ 350 E land
lies N 30 ft @ 3 = 749.5 from ice

+ 3 = 1049.5 from ice + 172.2 =

1221.7 Hub (wood) & Delaney Road
N-S-20 ft E of lake shore

West: @ 90° (all 90°) 3-6 + 213 = 813

Hub on point R.R. spike 50 ft to N
end of point sets on W. Sea wall

@ 650 to 770 shore lies 25 ft

780 shore runs N 20° W 50 ft about

780 ends low sea wall 813 Hwt

825 end ice - 813 + 3 = 1113. 1413-

1713-2013-2313-2613 - from ice

2613 is 60 ft N of land

2613 + 249 = 2862.0 W of R.R.

spike on shore 20 ft W and 10 ft N
of water. This is 2862

Birch 7 N about 40° W 3.40 spat at

" 8 S " 80° W 9.45 bare

Duban

DeLaney

75

April 2-1938 contd

From Temp On 22-23-26-27-138.27

Run on in N37°W 300 pin -

390 cross Boat Dock 5 ft from land

@ 300 land 40 ft E 400 T. 475

land lies E 2 ft $300 + 245 = 545$

point lies E 20 ft and runs
about E - straight shore 300 +-

π over 1221.7 E set Hubon top
about 75 ft E - picket line for

Orville and Al to cut by
till I get back

Lo for home 6-15 PM - at Jenkins

7 - about - take Reed home to

Jenkins - Johnnie Babcock
is here Reed goes with Reed

Ill & Frank return from Reed

8-30 or later -

JWC 9-30 to 12 = $2\frac{1}{2}$ H AM one half gone &
coming

1 to 6-15 = $5\frac{1}{2}$ PM + 1.45 on Nals = $9\frac{1}{2}$ Hours

Reed and Ernest each a day $22^{\circ} - 35$

76

7

April 3-1938 Sunday
all AM on holes / π over Huton hill
340.80 N From Temp Cor
23-24-25. Ruffy

Time Sheet		Cusogets half line going away									
1938 Working For		Albert Duban @ \$15 and Exp-6 and 2 hours days									
April		1	2	3	4	5	6	7	8	9	10
John W. Curo		-	9 1/2	4 1/2	-	1 1/2	-	-	-	1	0
Car Mico		32	0	2	-	-	-	-	-	1	0
Expense		-	0	-	-	-	-	-	-	0	-
James Reed Curo		29	0	-	-	-	-	-	-	0	-
Ernest Gothic		8	0	8	-	-	-	-	-	0	8
Albert Duban		250	0	250	-	-	-	-	-	0	150
Orville House		?	0	?	-	-	-	-	-	0	?
Walter F. Miller		?	0	?	-	-	-	-	-	0	-
Wilferd W. Miller		-	0	-	-	-	-	-	-	3	0
Clarence Hodge		-	0	-	-	-	-	-	-	2	0
		-	0	-	-	-	-	-	-	-	0

Duban
Delancy

⑧

77

Continued Pg 127

78

9

US Notes - Book AP 381

23-24-25-26-138-27

Red Oak 7 N 67E 56=

" " 7 N 15W 44=

Aspen 6 S 40E 14=

W. Birch 8 S 19W 34=

N. Pipe Set by Bill Moulster

See Book

also "

23-24-25-26-138-27 Bk AP 381North Bet 23-24 - Nor 10°

1173 = 774.18 Ft US - M.C. S. Eagle Lk

WA 24 S 72E 73 =

NA 10 S 62W 106 =

8000 Cor 13-14-23-24 On iu

North Bet 26-27-138-27 V10 Bk AP 385

860 Creek 10 wide

4000 $\frac{1}{2}$ Cor 10 - 579E 139°

7200 = 4752. Ft Set M.C. So Sid Lk

WA - 516E 43 = 41.57 Ft US

ark - 517E 42 = 27.72 " " Pipe Hen

8000 = 5280 Ft Cor 22-23-26-27 on iu

22-23-26-27-138-27East random Bet 23-26 V

300 = 198. Ft US Temp M.C. E side Lk

800 = 528 " " " " W Arm

1700 = 1122 Ft US " " E side Lk

2800 = 1848 " " " "

40 Temp $\frac{1}{2}$ Cor

4300 = 2838. Ft US Swamp

6100 Bottom Land SW NE 4028E

6933 = 4575.78 Ft US Stream 60 Lks

10 Duban
U.S. Notes DeLancy

79

wide - 17005 SW-

138-27

8062 = 5320.92 Ft US - Boatham 386

West on line line but 23-26 $\angle 10^\circ$

4031 = 2660.46 = $\frac{1}{4}$

$\frac{1}{4}$ Bet 23-26-138-27

Ash 8 N 46 W 14 = 9.24 US

" 5 S 9 W 18 = 11.88 Ft US

7262 = 4792.92 Ft West A P 9 386

MC West Arm YP 20 N 4° 30' E 10 = 6.60

→ 6362 = 4198.92 MCE Side

V. WP 24 N 65° E 78 = 51.48

" - S 15 E 110 = 72.60

7762 = 5122.92 Ft W US OK

MC on E Arm Lake

YP 20 N 9° 30' E 45 = 29.70

8062 = 5320.92 Cor

22-23-26-27 - on ice

North Bet 22-23 $\angle 10^\circ$ on ice

310 = 204.60 MC N. Side

Line - N 67 $\frac{1}{2}$ E 41 = 27.06

1020 = 673.20 Ft US MC N Side LK

YP 10 S 51° 30' E 162 = 106.92 Ft US

2458 = 1622.28 Ft US MC N Side

YP 20 S 54 E 126 = 83.16 Ft OK

This should
come first

80

11

North Bet 22-23-138.27 Contd4000 = 2640 S. 1 $\frac{1}{2}$ Cor
$$\begin{array}{l} \text{WP } 24.5 \text{ } 88^{\circ}30' \text{ E } 91 = 60.06 \\ \text{" } 24.5 \text{ } 86^{\circ}30' \text{ W } 80 = 52.80 \end{array}$$

8000 = 5280 Cor

14-15-22-23-

$$\begin{array}{l} \text{YP } 10.5 \text{ } 30^{\circ} \text{ E } 40 = 26.40 \\ \text{" } 10.5 \text{ } 4^{\circ} \text{ E } 35 = 23.10 \end{array}$$
East Bet 14-23-V 10°

Winton True Line V 10°39'

850 = 561.00

$$\begin{array}{l} \text{ash } 7' \text{ N } 80^{\circ}30' \text{ W } 12 = 7.92 \\ \text{" } 8' \text{ S } 57^{\circ}15' \text{ W } 98 = 64.68 \end{array}$$

1340 = 884.40 MC E. arm

$$\begin{array}{l} \text{E. MC } 19' \text{ N } 19' \text{ W } 114 = 75.24 \\ \text{" } 5' \text{ N } 80^{\circ} \text{ E } 50 = 33.00 \end{array}$$

4278 = 2823.48 W

$$\begin{array}{l} \text{YP } 4' \text{ N } 20' \text{ W } 68 = 44.88 \\ \text{Bur Oak } 6.5 \text{ } 81^{\circ}30' \text{ W } 121 = 79.86 \end{array}$$

8055 = 5316.30 W Cor 1/2

14-15-22-23-138.27

21-22-27-28

East Random Bet 22-27 110°

1700 = 1122.00 Ft Temp MC

4000 = 2640 " Temp $\frac{1}{2}$

4600 = 3036 " MC W. Sid Lake

7998 = 5272.08 Cut Line 92 (60.72) N

of Cor Winton line Line

3488 = 2302.08 W MC W. sid.

$$\begin{array}{l} \text{YP } 20' \text{ N } 59' \text{ W } 30 = 19.80 \\ \text{WB } 5' \text{ } 81^{\circ}14' \text{ W } 50 = 33.00 \end{array}$$

3994 = 2636.04 Set $\frac{1}{4}$ Bet 22-27

Al 00050N $8\frac{1}{2}^{\circ}$ W 58 = 38.82
 YP 10571E $\frac{1}{110}$ = 72.60

6288 = 4150.08 MCESide

ASP 6N 29E 55 = 36.30
 Ash 4S 71E 27 = 17.02

P9391

A

7988 = 5272.08 - Cor To

21-22-27-28-138-27

Meanders

Book A. P9411

--- N $8^{\circ}30'$ W 700 = (462. Ft)

To M. port on E Side of lake bet
 Secs 23-26 Thence

In Sec 23.

N $34\frac{1}{2}^{\circ}$ W 250 (= 165.)

N 85° W 470 (= 310.20)

S 51° W 380 (= 250.80)

To M. port on line bet 23-26

In Sec 26

S 61° W 220 (= 145.20 ft)

N 72° W 325 (= 214.50)

To MC Bet 23-26

In Sec 23.

N $29\frac{1}{2}^{\circ}$ W 302 (= 199.32)

N $70\frac{1}{2}^{\circ}$ W 167 (= 110.22)

To MC. Bet 22-23.

82

U.S. Notes 13meanders Apr 412Thence In Sec 22.

S 85° W 378 (= 249.48)

N 44½° W 377 (= 248.82)

N 53° E 800 (= 528.0)

To M.C. Bet 22-23.

In Sec 23

N 80° E 520 (= 342.20)

N 29° 30' E 355 (= 234.30)

N 50° 30' W 496 (= 327.36)

N 22° W 770 (= 508.20)

To M.C. N. Side of lake Bet 22-23

place of beginning.

Apr 3-1938.

I work all day on these notes

Ilo-Frank and Junior go back to

St Paul at dark Martha goes

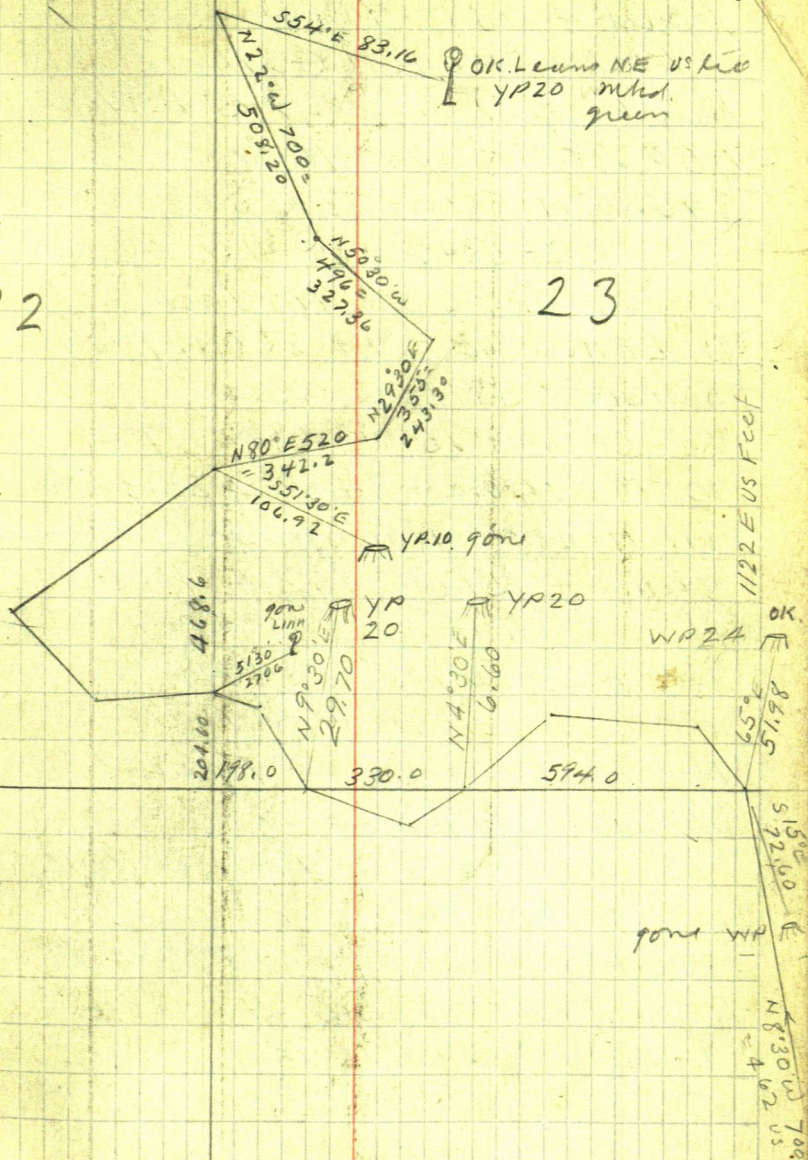
to church alone

83

OK Frederic

22

23



84

(15)

April 4 1938 Monday

Pickup Ernest Guthrie and
his lunch and @ 9:15 Lr Jenkins
9-50 Hr π over Hub on hill

340.80 N From Temp Co

22-23-26-27-137-28

Onio S E Cor Mrs Jack

DeLaney Main Ho 28.8 N. 1.70 W

SW Cor N 58° 20' W 46.4

SE Cor N 3° 15' W 28.8 Run

North: $(340.8 + 84.5 = 425.30)$ Hub

A. I. Hub on R. R. Spikes

" $340.8 + 151.6 = 492.4$ Hub on
N Brink of slope

 π @ 425.30 BS on MC

Ernest Sets Hub on Hill

North 80 Rods over Fox Lake

Ob Cen 2" spread

12.30 to 1.30 Eat Soup with al
P.M.

 π @ 425.30 Ch From 492.4 ChNorth 143.1 = (635.5) Hub on

Low ridge 670 ent is NESW

792.4 pin on is + 117.1 =

909.5 Smallwood hub unde

 π on is

correction Pg 125

North bet 22-23-138-27 could

$$\pi @ 909.5 + 490.7 = 1400.20 \text{ Hub}$$

R.R. Spikonia

$$1400.2 + 396.7 = 1796.9 \text{ Hub}$$

28 ft N of low sea wall N. Side
of Lake Nali. Another Hub on
hill sets about 300 ft N. Notched
Stadia

π over 0.0. Temp Cor 16

22-23-27-28-138-27

Take Shore line 2.05 PM.

North 290. N 27° E 295

N 45° E 340

N 52° E 320

N 60° E 285

N 76° E 280

N 83° E 320

N 86° E 380

East 440

East 452 Hub

Q Road N 48° E 500 Rough

N 18° W 320 N 32° W 330

N 36° W 370

π over 909.5 on ice

Phorg on ice Bears

South 240

S 8° W 300

S 15° W 380

S 20° W 450

S 28° W 500

S 33° W 550

New Cor West Point

86

Stadio 17

T still @ 909.5 N on in - show 12's

S 5° E 220 S 9° E 210

S 21° E 215 S 30° E 230

S 38° E 275 S 40° E 310

S 42° E 350 S 43° 20' E 380

S 44° 20' E 430

N 46° E 450

N 6° E 440

N 56° E 450

N 66° E 550

N 71° E 550

N 77° E 650

N 78° E 650

N 88° E 630

S 85° E 610

S 80° E 570

S 79° E 550

S 74° E 530

S 67° 520

S 62° E 510

S 57° E 580

S 54° E 620

RUN S 55° E 450

T over 450 BS N 55° W show

S 53° E 175

S 38° E 175 Foot of hill 20 ft back

S 13° E 170 Swamp runs 30 South

S 17° W 120

S 80 ft

S 51° W 75 Swamp runs S. 75

to foot of hill

π over 1400.20 N, on ice then

90° Run East 270 Luns N.S.

278.4 Hat on Bank

Stadia of Shore line

East 270 N 80° E 280

N 67° E 270 N 52° E 270

N 30° E 290 N 15° E 330

N 7° E 350 North 365

N 5° W 400 N 18° W 380

Swamp run 30 ft N to foot hill

N 28° W 420 N 36° W 450

N 43° W 450 N 49° W 500

π Still at Hat 1400.2 N Run

West 90° on ice

3-6-9-12-15 ft on ice + 322.6
= 1822.6 Hat RR Spike

3.60 ft of 10" ash tree on
bank 200 ft SW of Creek
also 75 ft W of ice and 35 ft
of foot of hill

From 400 ft W of Hat 1400.2
Ernest and Orville Check Chain
South on ice 1400.3 ft OK Check

Al helps some all day

Pack out and go for home 7.25-04

88

19

April 5-1938 Tues
all day platting up

April 6-1938 Wed

April 7-1938 Thurs

Up at 8-AM-

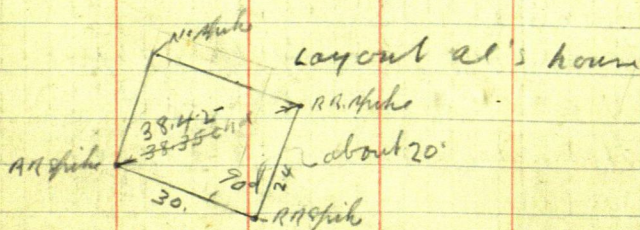
Coal Clear - Ernest not back from
Bernidjo.

I L. Jenkins alone at about 11-AM

at not here I help crull and young
Anderson layout Ho Foundation

24 X 30 about N 20° E + H 70° N

dist across corner 38.35



(20) Al. Duban
DeLaney

89

April 7-1938 could

About 11-45 AM - Al arrives with
Violet Robertson and a load of Cement
Blocks. I sit in my car and figure
USBTs Figuring House

$$3) 24 = 8 \text{ Tang} = 38^{\circ} 40'$$

$$\text{Sine } 62479 \times 38.42 = 24,004$$

$$\text{Cos } 78079 \text{ in } 30. = 38.42$$

$$\text{Tang } 80020 \times 30 = 24,006$$

$$\text{Cat } 12497 \times 24 = 29,9928$$

OK I guess

38.42 -
House front.
also

12-30 PM. Contract

I agree to establish Al's Srv
Cor and give him a plat showing
what land is now occupied by
Mrs Mae (Jack) DeLaney for \$75.⁰⁰
and will put in his other corner
for \$50 more Total \$125.⁰⁰

He is to pay me a part of the \$75
on Saturday with balance
Cor is not - and will pay full
\$125 when work is finished

John W. Cur

90 April 8-1938 Friday ⁽²¹⁾

Ernest Guthrie and I work in PM
on Richter Plat East Twin Viz

10-30 AM. I L. Jenkins for Beainent
to take Martha down to get her \$12.77
at Fst Nat'l Bk. Drop Ernest off at
E. Twin where he cuts brush

Martha and I to Beainent &
back to Jenkins - 1 PM.

PM

2-PM I pick up Ernest - drive back
to Pequot - grind axes - get red
cloth & Edging at mill and back
to Twin See Field Book N^o

Find Mrs Ridley still with
Eunice - Reed can not help me
to-morrow - Calarence Joons me
his ax and brush hook - He and Harold
can not go to-morrow

Walt Miller and son promise
to help me to-morrow

April 9-1938 Sat

Ernest has to take his sister

to Benning

Pickup Walt and Wilferd Miller

Leave Benning 8:30 Arr 9:30 Get

Urban's brush hook - he is in St Paul

Work near MC. N Side Fort Loh Put

See 22-23-

See P 985 which says From

1400.20 N Ch N 396.7 to 1796.90

Hut R.R. spike 28' N of seawall

To-day we chain from 1796.90

North Bet 22-23-138.27-148.10 to

1945.00 Hut on side hill under R

Cut out N.E. Shore l. find US MC.

@ 1945.0 Van Meter 7°30'E

Dinner 12 to 12.45

P.M.

We set two Temp MC. stakes and from

1796.9 Ch N 26.9 to 1823.8 N

to over 1823.8 in line with both

Temp MC. stakes Temp Cor bear

S 41°06'E 194.6 and 241.50

North Bet 22-23-From Hut 1945.0

Hut in side hill Ch N 45.90 to 1990.90

Hut on Top 5½ N of Peak R.R. spike

92

23

April 9-1938 continued

T over 1990.90 on top continue

North bet 22-23-138-27 over or any

 $1990.9 + 37 + 300 = 2327.9$ pinner

Side hill + 75.7 = 2304.60 Hub

 $+ 2.30 + 300 = 302.3 = 2606.9$ Hub

Hub 11. ft N of E E-W Road

 $+ 133.1 = 2740.$ Hub

Note: All "Hubs" are RR. Spikes

4.35 PM. Look for

1/4 Bet 22-23-138-27

US Nails call for

WP 24 S 88° 30' E 91 = 60.06

WP 24 S 68° 30' W 80 = 52.80

Time - Pg 77.

Note: In figuring time I figure
and pay for One Half of the time
going and comingMiller's ^{wait} time viz L V Jenkins 8-30

Quit in the field 4-30 = 4. Hours

One half hour out for dinner =

 $7\frac{1}{2}$ Hours @ 40¢ 83. worth it!

Wilfred

82

Short day. A Jenkins 5-30

Martha I alone

John W Curo

24
April 10-1938 Sunday

93

Up @ 7 am - Friday work on these notes
See Book 63 - Allen Trip 138-27 Bobcock

" " 49 - Helle-Butterfield - Curo

" " 158 - Statts - Bobcock Notes^{out}

Nothing in 158 that applies to this survey

For $\frac{1}{4}$ Cor Bet 22-23-138-27

See Book 49 Pg 4.

Old Notes Nov 18-1920 Curo notes say

$\frac{1}{4}$ Bet 22-23-138-27

US Notes call for

WP 245 88°30'E 91 = 60.06
WP 245 86°30'W 80 = 52.80

Old BTS OK. Set 2x2x20 stake
and $\frac{3}{4}$ " Iron Pin 6°15'V or
MARK

OAK 5'N 34°30'W 40.20
POB 5'N 38°20'E 64.00 FT

Old Notes continued Book 49-Pg 13

Nov 18-1920 Notes say At 7930 N
 $\frac{1}{4}$ Cor Sels N 76°13'E 138.4

This seems to be copied from Bobcock's
Old Notes

Old Notes - contd "Going North" 6800 +
250 LV Lake E-W 7100 stake 7277
Hub on Peak of Hill

7930 N Hub $\frac{1}{4}$ Cor Sels old Notes Bk 49
N 76°13'E 138.4 Pg 13

old Notes

6559
7277 Hub

Curo's Old Notes Over

94

25

Apr 10 - 1938 continued

Old Notes: Book 49 Pg 51 to

In Harry Keep survey

N Bet 26-27-138-27--2606.7-1/4 cor
4661.14 N IM MC so side

Bob's old Naler.

No find

2740.86

N 76°13'E 138.4

0.86 foot

7930.00

51.89 14

2740.86

2740
My Hat
Pg 92
This Bk

So that at my new Hat

We will go 0.86 foot N then
N 76°13'E 138.4 and look
for Bob's old 1/4 cor and
his new BTS - Pg 93 This BookTemp cor
m

00 on 101

5189.14 MY CH will be
MOVED N.?

528

MC 4661.14 N
My ch

MC

770.42 Mch

1284.01

1284.01

1284.01

1284.01

1284.01

1284.01

1284.01

1284.01

1284.01

1284.01

27

26

34

35

April 11-1938 Monday

Up @ 7-30 - 19-30 Drive to Hay Lake
Ernest will be up in an hour

10-30 Ernest comes and sits
around waiting for me till
Noon -

Ernest eats dinner with Martha
and I P.M.

1-P.M. Lr Junction 2-P.M. on Hells
Al a few minutes and drive 1/2 mi.
N T over Hut 2740 N Turn

N 76° 13' E 138.4 set Hut temp to 60

We cut brush but find no 1/4 Cor

Al walks up and rides back with
us. T over Hub 1221.7 E. in & Road

Pg 74. ch West 7.7 to 1214.0 E

Heller over R.R. Spike at E. Edg
of water near road. 1214.0 E Shore lies

S 5° E 50. S 12° E 100

S 20° E 150. S 22° E 200

S 24° E 300 about

N 12° W 125. Foot hill. N 32° W 200 (but water & marsh)

N 26° W 220. (N 48° 30' W 320. at foot of hill)

N 68° W 550 at Foot of hill. 20 ft N of water & marsh.

5:40 P.M. Al gives me a ch 830 and a fish.

Home about 7 P.M.

6 Hour - \$15 for Ernest

27
96 April 12-1938 Tues

Rec Ch \$22.50 from Geo H. Stauff
See Field Book 238. Page 8.

10 AM. Ernest and I work
2½ Hours for Mrs Clasen Bk
2-PM. I give Ernest \$2.

Martha and I plan to go to
Beavine but do not go.

I send \$26.50 - 10th pt on
my V8 Ford.

Apr 13-1938 Wed.

Home all day. Take Martha to
Peguat - Shower for Eunice at
Sam Goss Res.

5 PM to Pine River. Pay Tillie
\$235 in full.

Nat'l: In AM. Mrs Rose Clasen
calls and gets her Blue Print
and sketch & letter I have
pinned outside the door for
her.

Cretta Guelker - 3 Miles E. of Hoch
calls - W½ NW ¼ and SE NW 22-140-30
See Field Book N2

April 14-1938 Thurs

Up @ 5 AM. Rained all night. Sleep
on cat till 9 AM. Still cloudy -
mild - cold - Ernest calls 10-30 PM
Will, Nalis till noon.

April 19-1938 Tuesday

Ernest and I @ 11-30 AM

Orville says Al went to St Paul
Saturday and may be back today

I will be back to go on with all
Aurney soon my special Field
Notes as from Washington
Probably a week

Howling Wind - Ernest and
I eat our lunch on E. End
of Fox - Callon Bill Buchite
also Miss Butterfield who says
Ed is cook at Blue Goose

Garrison and may know
location of 1/4 Cor I once set
North of Fox - Find Seal at
Cross Lake - See Books 238-227

Jahnu Crow

98

29

April 20-1938 Wed

Waiting for mails - Work at
Hackensack - Back late Book 238Martha say Al Dubon called - in a
rush for his survey - Left a note

April 21-1938 Thurs

April 7 - Cold - Cloudy v. wind

April 27-1938

Ernest Guthrie and I drive
to al place - Al is in mpls
will be back to-day.

100

31

April 28-1938 Thurs

Up at 7. Rained all night.

Rain till 10-AM. Martha and I
prepare to go to Walker to search
records in Field Book of
O.W. Moulster who made
some surveys near Eagle
Lake. Clears up a bit and
I may go today.

2-30 PM Martha and I Lf for
Walker - Copy Moulster's notes
See page - this book

April 29-1938 Friday

Jack Lamont calls-

11:50 AM I drive to Pequot get red cloth - grind ax is 50. get spikes - back to Jenkins

Clarence Hodge arrives and about 12:30 PM we L. Sankum Drive to Duban's new carlage East end Fox Lake. To over Hut 449.5 East on Point P973-74-

Focus East on Wood Hut 1221.7 P974. and take position of existing old pine stump

To random Hut 449.5 E

Ties WP-30 N 48°40' E 7.52

Twin Oak 6th 16 - N. Oak N 69°30' W 21.57

Run N ~~47°57'~~ N 48° W 195.9 196.00

" N 42°30' E 130 set Hut RR spike

old Marked 15 inch sack pine old chopping 3 ft up on no side. Cured to be a 12" inch J.P. Bears

N 66°38' W 170.10 to Heart of tree

T over 196. BS S 48° E

15" SP Spon on so side bears
S 9° 40' W 65.00 To Heart of tree
Old Pine stump root S 5° 25' W
74.00 To West side of old stump
original position only West
roots remain

From about E of old Pine stump
Hole in the ground - old blazed
15" SP bears W 10.80 ft

E of old big pine stump bears
N 85° 20' W 43.50 To heart - Roots
on E * SE * NE sides = 20' or more

another 12" pine stump
at water's edge bears
N 59° W 66.5 To Heart Nali

This last stump is too small
to have been old BT

T over Hut 130. P 9101 - BS S 42° 30' W

Two old pine stumps on E brink
15 ft from water.

20" Pine stump S 76° 10' E 50.20
To heart of stump Old BT. Stump? P 979

1221.7

88.9

103

34

88.9
1310.4

old slump N89°22'E 7160 To Heart of slump
On road 7°30' to day

⋈ over old '20" YP slump
Probable old US 137. all set Temp
MC, 7262" P 79. set @ 6°30' W
S 4°30' W 6.60 (+ 10 inches) from heart

⋈ back on Hut 449.50 on Random line
on point of land Page 73-74 Red Flag
at Temporary MC 7262 W' US Nalis
beats N 60°47'E 155.50 OK TRUE MC.

⋈ over Temp MC. old 15" NP bear
N 86°20' W 110.10 in deep gash over-
-grown 6°30'

From Wood Hut 1221.7 E P 74 at
East 88.9 to 1310.60 Hut RR spike in U

⋈ over 1221.7 BS West and run
N 49°15'E 45. Ft. to heart 24' up
about Ru

N 6° W 120 to Hut RR spike 7 ft
E of Road

104

35

April 29-1938 continued

T over Hut 120 BS S 6° E

Pine Stomp could have been 14"

beams S 62° E 24.4 T. heart

20" WP Plump road-

N 47° W 56.6 T. 2

Plump 16+ N 74° 30' E 64 +- T heart

T over 1310.60 E Run Original Pan

East 233 + 82.60 = 315.6

$$\begin{array}{r} 82.6 \\ 315.6 + \end{array}$$

$$\begin{array}{r} 1310.6 \\ 1626.2 \\ \hline 1776.1 \end{array}$$

1626.20 Hut on Second hill + 149.9 =

1776.1 Hut on Earthen hill overlooking

big swamp to the east

Quit at sundown

8 PM. An Hodge res - 8:10

Home

Lv about 12-30 - Quit at 7-30

= 7 Hours I pay for half

the time going and coming

= 7 Hours @ 40¢ = 280 due Hodge

Time sheet Pg 77-

(36)

Evening - Figurina Pg 103

At Huk H 49.5 E Temp M.C. bear

N 60° 47' E 155.50 = 29° 13'

Sine 87278 x 155.5 = 135.72 E OK

Cos 48811 x 155.5 = 75.90 N OK

106

37

April 30-1938 Saturday

up @ 7-30 clear coal - Call on
Hodge and plan to be in PM
9 AM Platting See
US Nolis Pg 78 this book.

12-30 PM Truck goes to Bernidji
Driver is Louis Stauffenecker
("Swiss") Foley Minn 15 miles E
from Mt Cloud. Owns 80 acres
on Little Moose Lake 18 W and
3 mile S from Bernidji on
Co Line I tell him he
should plat it up - is now cutting
timber.

Continue platting

Page 91 My Nolis say

Δ over 1823.8 N the 1st Temp MC bear
S $41^{\circ}06'E$ 194.6 195

2nd Temp MC S $41^{\circ}06'E$ 241.5 242.

Sine $65738 \times 195 = 128.19 E$
Cos $75356 \times 195 = 146.945$ OK

Sine $65738 \times 242 = 159.09 E$
or $75356 \times 242 = 182.365$ OK

Pg 183 - Town 449.5 E Temp MC bear

N $60^{\circ}47'E$ 155.5

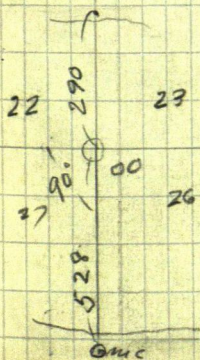
Sine $87278 \times 155.5 = 135.72 E$
Cos $48811 \times 155.5 = 75.90 N$

38 scal: 40"

107

1676.86' 128.2' 1st Temp MC

1641.44 159.1 2nd Temp MC



108

39

April 30-1938 continued

USNalis P978-

7-PM Callers ar

G. R. Feakes Emmons Minn
Dewey Gardner St Cloud
and two other men ar

Mr Feakes has a letter
from G. E. Fosbroke St Paul
with a sketch showing the
Lambert-Simpson lands-

@ 82. in front foot on White
- fish Lake - Feakes is interested
in the 2nd strip from the new
Cor

May 1-1938 ⁴⁰Sunday

Up 8 am - Cloudy - Martha
and I alone Call on Hodge
and we plan to go East
10-50 on rails

11-AM Clarence Hodge and
his car arrives. Take my car
Call on Ernest Guthrie - just
getting up. Wait for Ernest
and follow him to Haystack
pick him up. L. is so sick
Stop at Leuering Cottage.
No on there

At 12-15 walk East

Hodge - Guthrie and Jack Cress
over Hut 1776.1 P 9 104

I walk back to car for this book

12-45 PM Continue

East - 1.50 PM back on road

1776.1 + 8.8 = 1784.9 Hut RR spike
on E Bench big hill. Then down hill

π over 1784.9 + 126.7 Hut

1911.60 RR spike foot of hill

Enter swamp π - S 1911.6 + 300 =

2211.6 pin in swamp

$$2211.6 - 85 = 2127$$

2211.6

85

Cronald winter road

2126

NE SW in swamp

2212

85

$$2211.6 + 67.7 = 2279.3$$

2127

Hut RR spike on Point of land
from the so. (2260 L. Swamp
NE SW 2330 end of swamp

NWSE

$$2279.3 + 3 = 2579.3 \text{ pin}$$

$$178.2 - 2757.5 \text{ Wood}$$

Hut in swamp under π

$$2579.3 + 3 = 2879.3 \text{ pin in surf}$$

pin in swamp

2900 L. Swamp vs

$$2879.3 + 26.7$$

2906. Hut RR spike

on solid ground

3 NE of 2 with fence
running NE-SW

We hunt for Mousier's 1/4 Cor
US BTS Pg 79 - 1/4 bet 23-26-137-28

ASH BN 46W 14 = 9.24 US
" 55 9W 18 = 11.88 US

Note: This half mile, West 1/2
mil bet 23-26 appears to be
dam long - ?

P974 East $300 + 149.5 = 449.5$

$749.5, 1049.5 + 172.2 = 1221.7$

Wood Hut in Road

P9103 East $1221.7 + 88.9 = 1310.6$

" 104 $1310.6 + 315.6 = 1626.2 + 149.9$

1776.1 Hub on E Hill

P9109 - East $1776.1 + 8.8 = 1784.9$

RR. spike on E Birch + 126.7

Hub Foot hill. ent Swamp 1911.6

$+ 300 = 2211.6$ firm in swamp

$- 85 = 2127$ cross old winter road

in swamp NE-SW

$2211.6 + 67.7 = 2279.3$ Hub RR.

spike on point of land from the South

P9110 $(2260$ Lv Swamp NE SW

2330 Enter same Swamp via SE

$2279.3 + 300 = 2579.3 + 178.2 =$

2757.5 Wood Hut $1\frac{1}{2} \times 26$ " in

Swamp under π

$2579.3 + 300 = 2879.3$ firm in swp

2900 Lv Swamp N-S

$2879.3 + 26.7 = 2906.$ Hub RR. spike

on solid land 3 ft E of 2 wire

fence crooked NE SW

OK Figures check.

checked P9130

44
May 1-1938 continued

113

Quit 4-30 PM in rain

Meet Al and Mrs Duban coming out on line - they turn back with us. Mrs Duban will give me \$35. on account when S & W line is Iron monumentist SE Cor and E-N-line to the localist lake

Home in Jenkins @ 5-35 PM
Frank Souther walks in about 6-30 Ilo - Reed - Eunace and a strange girl from St Paul drive in about 7 PM.

Rain all evening

Frank and I refuse our car to go to Cron Lake to some dance. Lyring and his Truck takes them - Reed takes my Tent quilt & overcoat to keep off rain. Ernest calls 9-7930 PM

Frank - Martha & I alone

Rain hard in the night
Ilo and her girl friend home after midnight

Jahmed Curo

114 May 2-1938 Monday

45

Up to 7 Cloudy - rain

Frank and I drive to Pine River - Light Co want \$17.25

I stand them off '2 or 3" days

11-AM Ernest calls

Ernest Guthrie is leaving for Great Falls Mont I will figure up his time and send it to him later. He says he has drawn in all \$5.30.

Plus \$10 pd him in full for Hackensack Survey Guelker. Check \$10. in full for Guelker.

Check notes all AM.

PM

2 PM I to and Frank to for H Paul. Guthrie takes Bus 3-12 PM for Great Falls Mont 4 PM Mrs McKinley calls

46 Duban

115

May 2-1938 Conclusions

4 PM - Gaylord Woss - calls
He has lived for 10 years 5 miles
E of Nisswa - has bot land
from Edith E. Luscher Coting P.O.
at Crooked Lake Narrows

Part of Lot 7 - Sec 26 139-26

" " " 1 - " 27

all lying S and West of Co Road
I promise to survey it
for \$25 then say \$20. - maybe.
Will go up to-morrow PM
See Field Book No

116

47

51.48

52.48

May 3-1938 Tues
Up @ 7 Cloudy - Maucha
and I alone

10-15 AM. Donald Lyng and I L.V.
Jenkins @ E Fox @ 10.45 AM

T over Woodhubin road on random
line 1221.7 E from S to 0.0

Heart of old USBT Stump bears
N 4°40'E var 7°35' Nalt a 6' oak and
6" Telpale in line. @ 11 & stump

T over heart of stump V 7°35' BS
S 4°40'W roughly thru brush
Var reads 7°35' or R 0.5 mile P, 79
S 65°W @ 26. & road 31.5 stake in W.

shoulder. @ 35 enter over flow 6"
water on meadow

51.48 + 1.0 ft 24" WP = 52.48

Chained from heart of stump
set 2x36" pipe in marsh 20 ft from
Edge of lake - Nalt @ 11.45 I

borrow at 1/2 Hip Boots - rail wads

M.C. sets on light mound

2" above water - find all sticks down
in water right at base of 2M

T over ^{Twp} INT- US-MR. on E Shore Fox Lk
 bet Deer 23-26-138-27

BS West on line line - to MC. on E side
 of arm of lake - Look N 65° E my line
 cuts 0.85 of a foot N of & old BT Slump

Pull up pipe and set it 0.85 of a
 foot so to True MC. N° 36°

T again over MC 36 Focus West
 on MC. 35 - old BT Slump bears
 N 65° E 52.48 to & heart of slump O.K.
 New BTS.

NP 20 S 28° 04' E

Oak 9 S 73° 33' E 57.90

WP 24 N 4° 21' E 102.75

Oak 10 N 10° 06' W 98.60

Run East @ 38.0 Line passes 0.20 of a foot
 N of N side 12" Red oak on line 10 ft up
 and N of line 15 ft up.

@ 42.50 bet RR. pipe

70.60 " " " in side bit

This is as far East as I can
 see on account of my line hits
 the 12" oak higher up

118 May 3 - Cont'd 49

π back on wood Hut 1221.7E

Focus West on random

MC N:36 bears N $24^{\circ}11'$ W 92.70

MC N:35 on W side of arm

bears N $83^{\circ}10'W$

Drive West Set $2 \times 24^{\circ}$ pipe in E Burn

on W side of E arm of Fox Lot

USMC, N:35

π over MC 35 BS S $83^{\circ}10'E$ on 1221.7

MC N:36 bears N $89^{\circ}12'E$ (Should be $89^{\circ}10'E$)

Note: In this I am using my orig-
-inal random line as TRUE E-W
assumed

But in taking my BTS - New & old
I am using the TRUE E-W US Line
as a Meridian E-W

New BTS To MC 35. viz

Oak 8 N $19^{\circ}40'W$ 36.00

NP 15 N $41^{\circ}55'W$ 100.55

Oak 9 S $57^{\circ}15'W$ ~~36.00~~ 34.60

Turned from true line as E-W R
West ($589^{\circ}12'W$) on line line

@ 47.3 Hut under $\pi + 219.7 =$

+ 38.3 @ $2 \times$ JPS

38.3
243
140

Duban

219.7
38.3
258.0

119

50

219.7 + 38.3 = 258. INT MC34 =

2 x 36" pipe 3 ft E of water's edge

= Wit MC? 4.50 N and 14 ft W of E

15 inch SP Tree Line passer 4.1/2 ft
N of the old 15" SP E. Blazed on
S side

Rain like hell 4.10 to 4.20 PM

Al. Don and I sit in car till

Storm blows over Al helped
Chair

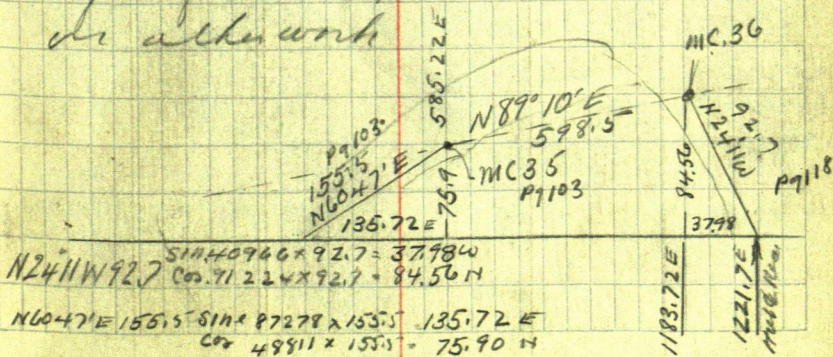
Al. Don & I down A - Storm
starts again Heavy down-
pour at Al's shock He gives
me ch 815⁰⁰ Total pd 845.

Ch May 2-1938 N: 42 Jack Curo

Fst NHRh Red Albert Duban

Home @ 6 PM I pay Don 81.

in full for to-day - bal 81. due him
on other work



120 May 4 - 1938 ⁵¹

up at 5-30 Still raining
Stair sticks Nrb Hauls
Car to Garage

10-25 Still raining

Martha & I to Pin River

May 5 - 1938

Rain and snow all day at home

Fred Bliss pays Martha \$19.96 bal
in full for hay

May 6 - 1938 Friday

Figuring I will description
for Horace Hedger

Geo Smith calls and says
I owe him \$650 balance

52

0440963

340.8.

3527704

176.37520

1322889

150279

Correction E
 0.440963 = 2°31' E
 + 57.22

(52)

1676.86 N
 67.43
 1609.43
 128.19
 57.22 70.97

1622.2805
 1611.00
 11.283601

18.7x
 57.22
 75.96

15.78
 57.22
 73.00

12.0x
 57.22
 69.26

9.79
 57.22
 67.01

567.24
 635.5 = 568.07
 90m E = 25.05 + 57.22 =
 82.27

492.4 = 424.97N - E 75.96

426.30 = 357.87 E 73.00

340.8 = 272.5x
 273.37N = 69.26 E

N 290. = 222.57 = 67.01 E

1609.43

2°31'

8°40'

528 NY Ch

528.05 "

N 89°12' E

598.5 NY Ch
 594.0 US

4.5° Long

57.22

57.22

68.26

00

67.43

00

122

53

May 6-1938 contd

Figuring W line See 23-138-2)

$$\begin{array}{r} 1608.60 \\ - 1609.43 \\ \hline \end{array}$$
 North
True Line Run N $2^{\circ}32'12''$

$$\text{Cor } 2^{\circ}32' = 99902 \times 1608.6 =$$

1611.00 via See Line

$$1608.6 \times 70.97 (= .00441181 E) \\ = 2^{\circ}32' - \text{Cor} = 99902$$

$$99902 \times 1608.6 = 1610.18$$

Via True See Line

1622.28 Ft US via Line

$$\begin{array}{r} 1610.18 \text{ my ch via See line} \\ \hline \end{array}$$

12.10 short

$$\begin{array}{r} 1400.20 \\ - 1282.26 \\ \hline 117.94 \end{array}$$

True North =

$$1622.28 \times 99902 = 1620.69$$

$$\begin{array}{r} 1608.60 \\ \hline \end{array}$$
Short True North $\rightarrow 12.09$

1320 is 9.85 short =

1310.15 N via True N

Hat Mked 1400.20 N is

1331.94 N From True Cor

Via True North and go

S 21.79 To 1310.15 N

(54)

123
340.80
68.26
272.54

1331.94

1310.15

21.79

Hut Wkd 1400.20 N is

1331.94 N and gas E 58.76

+ 57.22 = 115.98

1310.15 N gas E . 00441181 E

57.79 + 57.22 = 115.01

124

635.5
 68.26 425.30
 567.24 68.26
 357.04

(55)

May 7-1938

Don and I L Jenkins 10-20 AM

Cold-Cloudy N Wind

Drive N-wath creek set $2\frac{1}{4} \times 30$

pipe - Battered Top pipe

True MC. N-Side Fox Lake

Bat 22-23-138.27

Set at 0.50 west of where I figured it

Drive So and W to May Delaney

Resort. Turn over Mt

340.8^{-68.26} = 272.54 N of true cor at

East 90° to random 69.26 RR. pipe

at 425.30^{-68.26} = 357.04^{OK} N of See cor at

East 90° - 73.00 set RR. pipe

at 635.5^{-68.26} = 567.24^{OK} N of See cor

East 82.27 This line extended

should cut 0.50 of a foot East of Turn
my MC on N. side just set~~1608.6) 0.40 = 600.25~~

Hat 568.07 set at back w. 0.14

"	357.87	"	"	"	"	0.09
"	273.20	"	"	"	"	0.07

see Pg 84

56 Duban

125

Corrected Hat

P.M. Tover, 567.24 N Focus N on lake
on mc and m North 24.36 T.

593.60^{OK} Hat R.R. spike on Top of E-W
ridge and so 138.84 To 428.40 N
set RR Spike Hat 3.2 ft of small
Bldg. Line cuts 0.10 of a foot
East of East edge of Tile Chimney

Tover Corrected Hat 272.54 N of
pt for line see Cor on line Focus
N on line line passing thru Corrected
Hat 357.04 and set RR spike 52.26
TN to 409.30 N. Hat 3.2 ft so of same
small Hc on line Line still

Cuts 0.10 of a foot E of E side Tile
Chimney and is the line true

A still @ 272.54 N on line line true
South along line corrected line
22.54 To 250 N set RR Spike on
line line on so brink of island
Town 250 Ch so 35.40 To 214.6

15 ft on line 10 ft N of Original
mc. set 2 1/2 x 38" pipe at foot of tile
2 ft N of N edge of marsh that extends
to 15 ft to water

128

(59)

May 25-1938

Clarence Hodge and
I Lu Jenkins about noon
Call at Al Diebarer Look
for 1/4 Cor

Drive East Pick up
Johnson who shows a
Rock buried for center
of sec

Drive Johnson 1/2 mile West
He shows us Garrison's
Rock 1/4 Corbet

Rock is 1 1/4 ft so of
Tel line running E and
7 ft W of Tel line running
N. Highway Eng'r uses
this Rock

Kneibien says it is O.K.
and tied it in viz
SW Cor Sch Ho and Bob
Store

Home @ 3-15 called B Hrs @ 40°
8/20 for Clarence

Lat 7-23-138-27 @ Duban

129

May 26-1938 Thursday

up @ 5-30 Cloudy Breakfast 7-
Walt comes @ 7-20

Starts to rain drive up. See
Clarence and decide to wait

Take Walt home about 9-

Rains all day - and all night

May 27-1938

Rain stopped. Cold N. wind
Clarence cannot go

Walt Miller and I to Senhain

7.50. ^{at 8.30} at Dubin helps carry
Survey outfit 80 rods East

Check Chaining the swamp

Page 112 From west edge of swamp
at foot of hill near Hut 1911.6 ch

East 3-6-9 pins about 60 ft E of

Hut 2757.5 OK. Check we only

check for 100 ft markers 1911.6

2757.5 pg 112. OK.

$$\begin{array}{r} 1911.6 \\ 940 \\ \hline 2751.6 \end{array}$$

2906. pg 112 + 90.2 = Hut RR spike

$$\begin{array}{r} 2906 \\ 90.2 \\ \hline 2996.2 \end{array}$$
 on hill

130

①

May 27-1937 continued

π over 2757.5 P₉₁₁₂ chain from
 Hat 2906. E of wire fence ch^{ch} OK

+ $\frac{90.2}{2996.2}$ 2996.2 Hat RR
 Spike on hill Ties

NP12 N36°35'E 19.71

NP7 S85°35'E 11.11

To spot at base Var Reads 7°30'

10" JP East 19.50 Line

Cut to side of JP. 6 ft up

11:30 AM we decide to
 abandon this line of

Hills - ties and only on man

We will go back and bring
 line around via 50 Lakes
 Store Bob Dudley's

Set Red flag to side Fox Lake on
 trees on line at Hat N. P₉

Eat lunch about 2-PM

Cut big tier at Doggett Peak

Set red flag on hill E of Doggett

π over R.R. spike 22.8 N of 1/4 from

Non line line in 2560.44 S. of St. O. G. ^{or} in

S 87°30'E 3-6 + 183.10 = 783.10

RR. spike 2 1/2 N of Road

7-23-138-27 62 Duban

131

π over 783.10 BSN 87°30'W Flag over
Doggett Brook bear S88°20'E

Eat 1-2-3-4-5 + 196.6 = 1696.6 Flag

6 = 1800 pin 7 pin = 2100 E pin
(about 1950 road ruins SE)

2100 - 2175 old Road

NBSW 2100 + 120 = 2220.

pin 0.30 of a foot East of Co

Eng'r's Hut 20' spike on W

Hi Bank of Doggett Brook

π over 2220. take Stadia

Eat over Brook 335. pin in

side hill over creek added to

2220 - 2555 pin in red hill

+ 367.6 = 2922.6

2922.6

Red Flag and old hut on top

over and East of Doggett Brook

335

367.6

702.6

2220

702.6

2922.6

132

63

23-138-27.

May 27-38 cont'd

T over 2922.6 BS N 88° 20' W Rn
East abt 175 & Road E W 30 pin

about 470 plowed field run N
+ NE @ 496.5 fence runs S
600 pin + 55.6 = 655.60 Hub

RR spike 3 ft so of & Road

T over 655.6 BS West Run
N 24° 47' E across plowed land
2100 + 51.7 to the RR spike near
Ben Jenkins bldgs under T

T over

BS S 25° 47' W

Red flag @ see Cor bears

N 15° 21' E on run or 6° 30'

From 2151.7 ch N 15° 21' E

@ 45 pin + 300 = 345

pin over down + 270 =

to 615 pin + 54.0 = 669

± m Cor 10 S

From stone 1/4 Cor at Barb
Dudley's chain W side
along so side of road
1032 To Angle Hub

8-20 Quit Home 9:00

Called 12 Hours @ 40¢ = \$4.80 for walt.

64. Duban 133

May 28-1938 FIGURING 19130

Sta O.O. = Temp Cor 22-23-26-27 on ice

" 1 = R.R. Spike Hut 2560.44 S. of O.O. Run

S 87°30'E 783.10 To Sta 2.

$$\begin{array}{l} \text{Sine } 9990 \times 783.10 = 782.32 \text{ E} \\ \text{Cor } 0436 \times 783.10 = 34.14 \text{ S} \end{array} \quad \begin{array}{l} 782.32 \text{ E} \\ 2594.58 \text{ S} \end{array}$$

2) S 88°20'E 2922.6 To Sta 3

$$\begin{array}{l} \text{Sine } 9996 \times 2922.6 = 2921.43 \text{ E} \\ \text{Cor } 0233 \times 2922.6 = 68.10 \text{ S} \end{array}$$

O. = = Temp Cor on ice

O. Run South 2560.44 To Sta 1 = 2560.44 S 00.00 E

1 Run S 87°30'E 783.1 To Sta 2.

$$\begin{array}{l} \text{Sine } 99905 \times 783.1 = 782.36 \text{ E} \\ \text{Cor } 04362 \times 783.1 = 34.16 \text{ S} \end{array} \quad \begin{array}{l} 782.36 \text{ E} \\ 2594.60 \text{ S} \end{array}$$

2 Run S 88°20'E 2922.6 To Sta 3

$$\begin{array}{l} \text{Sine } 99958 \times 2922.6 = 2921.37 \text{ E} \\ \text{Cor } 02908 \times 2922.6 = 84.99 \text{ S} \end{array} \quad \begin{array}{l} 3703.73 \text{ E} \\ 2679.59 \text{ S} \end{array}$$

3 Run East 655.6 To Sta 4.

$$\begin{array}{l} 4359.33 \text{ E} \\ 2679.59 \text{ S} \end{array}$$

4 Run N 24°47'E 2151.7 To Sta 5

$$\begin{array}{l} \text{Sine } 41919 \times 2151.7 = 901.97 \text{ E} \\ \text{Cor } 90790 \times 2151.7 = 1953.53 \text{ N} \end{array} \quad \begin{array}{l} 5261.30 \text{ E} \\ 726.06 \text{ S} \end{array}$$

5 Run N 15°21'E 669. To Sta 6

$$\begin{array}{l} \text{Sine } 26471 \times 669 = 177.09 \text{ E} \\ \text{Cor } 96433 \times 669 = 645.14 \text{ N} \end{array} \quad \begin{array}{l} 5438.39 \text{ E} \\ 80.92 \text{ S} \end{array}$$

5722 Sec Cor East 5381.17

6826 East 5438.39

0.0

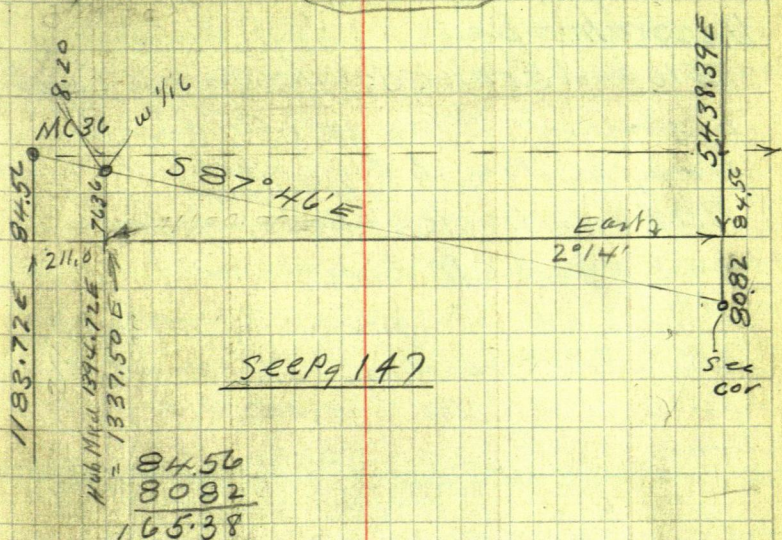
8082

Sec Cor

May 29-1938

66 { al Duban
23-138-27

135



$$4254.67 / 165.38 \angle 0.0388702 = 2^{\circ}14' \text{ True}$$

Correction

Hub Mkd =

1183.72 E is 0.0 Eth Goes N 84.56 To True Line
1394.72 E is 211.00 Eth Goes N 84.56 Then S 8.2
or N 76.36 To True Wth Cor

Hub Mkd 2742.61 E =

1337.50 my ch	1347.89	1347.89	1347.89 my ch
------------------	---------	---------	------------------

East Pg 103-104-109-110-74-112-129-130

North. Pg

Hub Mkd 2742.61 E is 1558.89 E of MC. and goes
N 84.56 Then S 60.59 or N 23.97

136 May 30-1938 Monday

67

Duban

Decoration Day

Ilo and Frank Souther came last evening - They go to Walker Cem today and back to Duluth

Reed and Eunice came up yesterday and again to-day -

Reed comes again in evening
Ilo and Frank return and go
for Duluth about 4 PM.

May 31-1938

I drive to Sechel Resort take Fred
to Pequot - where he signs agreement
to pay me \$400 sign two checks
etc. Eat dinner with me

P.M.

Martha and I take Sechel to Reed
and back home N.

Cross Lake Store owner gives me
\$10. on acct and \$1.70 gas for his Lot
at Sechel - Evening I call on
Reed & Eunice.

68 7638

1253.38

1310.60

84.12

57.22

84.12 1337.50

1253.38

June 1-1938

Pickup Victor J. Nimith 21m

June 6 to 10-30 - Ford Neil Bowman
and PWA Culling road-way Eat
Lunch P.M. π over Hat 1310.60 Pq 103-Ch East84.12 To Hub mrd 1394.72 E Pq 135. ^{OK} HubAgain From Hub mrd 1310.6 E (1253.38 E From True
see coronis) Run N 45° E 118.964 70711 =

84.12 N 84.12 E 15 ft

Again from 1310.60 Run N 37° E 140.3 Hub mrd

Sine 60182 x 140.3 = 84.43 E = 0.31 To Hub East

Cor 79864 x 140.3 = 111.80 N

Set Hub 140.3 West 0.31 To 84.12 East

Re-Set π @ Hub 1310.6 and run N 37° E ^{139.78} 44

Sine 60182 x 139.78

Cor 79864 x 139.78

 π over 139.78 Ch to 8.20 from Hub 84.43

To pt for true SE Cor M. Dobson Tract

= 35.9 So of spike under π π 35.9 N of Cor B of W P line viz

W Side S 10°30' E 14

E Side S 19°30' E 14

Set flag about 700 N over draw

 π over 1/2 Run N 87° 46' W

138 July 14-1938

69

Duban

Lv Jenkins 1-30 PM with Howard
Aitchel, and Vere Brown, Callon
Mr Hamilton. Meet Bert Walfrom
who recommended me to Mr
Hamilton I tell him it will cost
me \$25 or \$30 to survey his line
on Pelican Lake. Call on Al Duban
Then to land owned by Frank
Story of Emily on lake here and
at Emily Find Geo Hardy
and drive back to Jenkins

Oct 1-1938 Sat

70

53.8
52.3
106.1

139

Ernest and I L. Jenkins 10:22 AM
Call on Al Duban and drive to 1/4 Cor

Bet Sees 22-23-138-27 1/4 Cor

US Nalis P 80 WP 24 S 88° 30' E 91' = 60.06
WP 24 S 86° 30' W 80 = 52.80We find First old stump of back trees
but the distance bet is 106.10 ft say at
= 112.86 ft usch = 6.76 ft short

Nalis it should have been 6.60 as US

Sweeney and made a mistake of just
10 links being 6.60 ftSo we proportion the 6.76 ft viz
112.86) 6.76 = .006

60.06 x 6 = 3.60 short = 56.46 } 106.09

52.80 x 6 = 3.17 short 49.63 } OK

We set RR. spike Hat in E N S old Rd

X over Hat 2606.9 (P 992) Foca

non Hat 2740 The 1/4 Cor bear

S 76° 00' E 135.9 Owl 5-30

E 14° S 135.9

Sine 2419 x 135.9 = 32.87 S OK

Cos 9703 x 135.9 = 131.86 E OK

Owl 6 PM - Home to Jenkins

2606.9 - 32.87 = 2574.03 N from O.O.

2606.9 N From O.O.

32.87
2574.03 } 131.86
131.90

2606.90

32.22

2574.18
P 9148

Lot 7-23-138-27 Duban

141

Oct 8-1938 Sat

Martha and I alone in Jenkins
up 08:30 Fine day.11 AM pick up Wilfred Miller
Take Gladia Road Bob Pickett
arrives - 1-PM - Martha and lunch
go with us Call on -At May Delaney Resort 3-PM
T over Hat 340.8 P 124

Take Bldgs

Run 90° E 69.26 To RR. spike on line line
T over 69.26 BS Wtorn Hat 340.8 on
random and like old Bldgs

Shed Roof Old Bldg

SW Cor S 60° E 95.3NW Cor S $71^{\circ} 47'$ E 91.3Chained from line line but
angle taken from Random as N-S-NE Cor S $72^{\circ} 44'$ E 111.3Note: To use line line as Meridian
the Courses would be as follow
2'25" diff RoughlyS $62^{\circ} 25'$

SW Cor

S $74^{\circ} 12'$

NW

S $75^{\circ} 08'$ E

NE Cor

73

142 Lot 7-Sec 23-138-27

20.15 Wrd EW X 20.15 N S

Called a Chicken Coop

Built about 1928

Has boardwalk

Cabin Called "Goof" ¹⁹¹⁹ 1916

"Goof Family" Guest Cabin

NW Cor N $55^{\circ} 28'$ E - $57^{\circ} 20'$

SW Cor N $76^{\circ} 12'$ E 45.00

SE Cor N $82^{\circ} 34'$ E 62.20

22.0 N S - 18.3 E W

Upright logs. Can Found

- when turned and

Chained from tree line

Built about 1916 ?

Mink Ho on Sloo Room

NW Cor N $43^{\circ} 10'$ E 124.30

SW " N $52^{\circ} 03'$ E 100.20

SE " N $55^{\circ} 18'$ E 205.30

29.10 N-S x 7.80 105.30

1925 +-

Al Dubon

(74)

1961-17-1918

Take Old Bldg West of line line

SW N $77^{\circ}30'W$ 36.50 1918.

SE N $73^{\circ}40'W$ 24.60

NE N $40^{\circ}45'W$ 34.00

Guest Cabin "Next Door"

19.00 NS x 12.3 EW

Run Northern line line 84.5 T

T over 4 25.3 = 357.04 N P9124 on

Trueline

Work Shop and Garage

NW Cor N $33^{\circ}14'E$ 56.30

SW " N $45^{\circ}18'E$ 38.70

SE " N $57^{\circ}15'E$ (about) 46.8 about 1920

20.10 NS - 12.0 EW

Take Over all including
6 ft add on N end

Boys Bunk Ho

NE Cor N $7^{\circ}05'E$ 66.7

SE " N $5^{\circ}40'E$ 54.7

SW " N $6^{\circ}23'W$ 57.5

12.2 x 12.2

144

Lot 7 Sec 23-138-27

Out Ho. SE Cor

N $21^{\circ}05'E$ 83.2SW Cor N $17^{\circ}25'E$ 82.8NW " N $17^{\circ}00'E$ 87.1Turned from line line
4.3 NS X 5.1 EW

Main Ho - West of line

SE Cor S $50^{\circ}40'W$ 93.25NE " S $68^{\circ}35'W$ 82.85NW " S $71^{\circ}30'W$ 111.70

29.4 NS X 29.3 EW

Over all

The North 9.2 of this
bldg is a porch recently
built

To end over all

38.7 - a porch on W

side is 20.2 X 5 X 9.40

Out 6-50 DN

76
Oct 18 1938 Tues Duban

145

10 am pick up Wilfred Miller - 11 am
Lv Jukim - Cloudy - v. wind. Write
to Martha who is staying with Ilo at
Walker - Lv Jukim 11-30 Call on Mrs
Kline also get soda water at Clarence
Heath res. Drive to May DeLaney res
and back to Duban res where we eat our
lunch in his house. Al wants me to
meet his nephew CE at CCC Camp
at Walker Ed Panek.

2 pm back at work Mrs DeLaney
says the Goof Cabin was built and
occupied 1918 by Harry Keep.

OK
K over corrected Hut 567.24 N
Page 124 BS So on Hut 138.84 take

Hilltop Cabin Built 17 years ago

NE Cor N $17^{\circ}25'W$ 39.70

Board
Siding

SE Cor $31^{\circ}10'W$ 17.80 + .50 =

SW Cor $68^{\circ}50'W$ 36.2

22.4 X 24.4 (West of line)

Bay View Cabin 5 years old upright
Logs

NW Cor N $70^{\circ}10'E$ 102.8

SW Cor N $80^{\circ}40'E$ 88.5

SE Cor N $86^{\circ}45'E$ 105.5

146

77

20 x 22 - 12 ft from water

low shore

Old Road

N 60° E 30 Pined S 55° E 50 Pined

S 100 Forks S 32° E Sladen

S 20° E 150 to cut at top of hill

Take Out 1 to

NE Cor S 28° E 63.0

NW " S 25° E 60.5

SW " S 22° 20' E 64.4

4" 42 x 5 1/2 Turned from True
line on reader 4° 45' But
it may not be working?

Take Road angles

π over 425.3 = 357.04 ^{OK} on line line

Pg 124 and 143 BSS on - ^{Corrected} _{that} ^{pg 141} 340.8 = 69.26

Q Road So 12. S 65° 40' E 175

to RR spike 4' so of Q Road - Sta 1

Stat. run East 165 to RR spike

in so wheel track 2 1/2' so of

Q @ about 100 feet of mile

4.45 PM At corner out

L, this and drive to N side

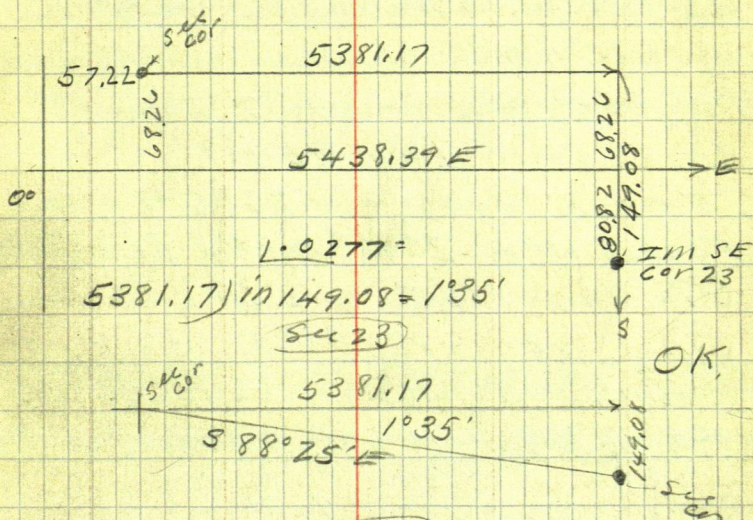
of lake - find old spikes on random

Quit at dark \$2. To Wilfred. Bel deer

\$3. Home alone in Jenkins

Oct 19-1938 ⁷⁸ Wed Duban 147

Up @ lat - rain - cold. Get wood at
Peguat. Figuring Solino Sec 23



Sec 23 135

Sec 26
135.27

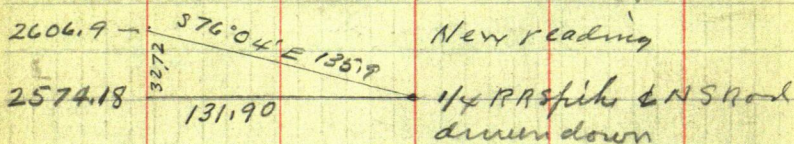
148 Oct 20-1938⁷⁹

up @ 8 AM - Clear and cool
9.30 to 10 pick up Wilfred Miller and
his lunch - Martha and I still in
Walker - 11 AM L. Jenkins - I forgot
this book and had to tie in $\frac{1}{4}$
Cor again Page 92-139

π again over Hat 2606.9 N
Focus N on 2640 the $\frac{1}{4}$ beam
S $76^{\circ}04'E$ 135.9 = 13.56'

$$\text{Sine } 2408 \times 135.9 = 32.72 \text{ OK}$$

$$\text{Cosine } 97058 \times 135.9 = 131.90 \text{ OK}$$



Aloe π in perfect adjustment

New 300 ft Steel Tape P-B ok

π over $\frac{1}{4}$ Cor Bet Secs 22-23

138-27 BS N $76^{\circ}04'W$ on 2606.9

Take old BT 5 V 12 in & road

Bobcocks old Oak tree now 10' diam

N $29^{\circ}04'W$ 38.9 To base of big new spot

Bab's Old Pop now 9' N $41^{\circ}58'E$ 65.63

To old Spot 2 ft up.

Old BT Stamp 57.80 East by 57.80 to

Sharp peak of burned lip - about 1.40 E π 50'
N from B & for old BT marks
Course not checked

1/4 Bel 22-23-138-27 Tree Could
New: NP 15 S 42° 50' W 75.41

" WP12S 17°06'E 69.30 Bath to notch
at base in grass roots & 7°10'

Twined from my old random
abt 130 ft west - Drive my R.R.
spike 0.40 below grass & wheel
back 12:45 PM

Walk to Car and Eat lunch
PM.

π over 1823.8 N-on Random Set ^{wood} ^{glitch}
So about 10 ft 20 from Hat 1796.9

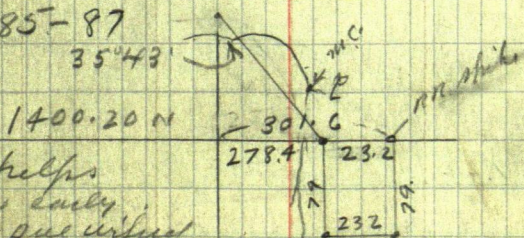
at about 1786' N Paced 20 10 ft

π over 1786 +- Focus So Over Lake
on random - Hat 278.4EPg 87.

Bear $S 35^{\circ} 43' E$ $Tang = .7190$

π over 278.4 BS N35°43'W Run
East 23.2 Lat Hwt = 301.6 East
from Random @ 1400.2 N from a.o.

Pg 85-87



At helps
born early
But she is first

85. Horn alone in Senhain

Jahres sum

150

Oct 21-1938 Friday

2574.18 N From 0.0

68.26

See Pg 121

2505.92

131.90

1/4

From
True Cor

57.22 74.68

Figuring

.04412 = 2°32'

1252.96

1608.6 in 70.97 =

9.3

1676.86 N From 0.0

68.26

1608.60

128.19

MC Correction To MC.

N From
True Cor

57.22 70.97

= .04412 OK

1400.20 From 0.0

68.26

278.4

30.10

195.61

1331.94

57.22 58.77

102.41

23.2

8.89

N From

115.99

110.10

189.1 OK

True Cor

57.22 55.28

112.5

True Cor

North assumed

1252.96

2°32'

0.52 2.91 589°08'E
TRUE

Tang = 0154.X 189.1 =

2.91

78.98

81.89

Sec 23

True Cor
68.26

57.22

SW Cor Sec 23
See corner

True terminal course

1°35'

5381.17 True East
To Sec Cor

0.01

68.26

Oct 21-1938 Cont'd

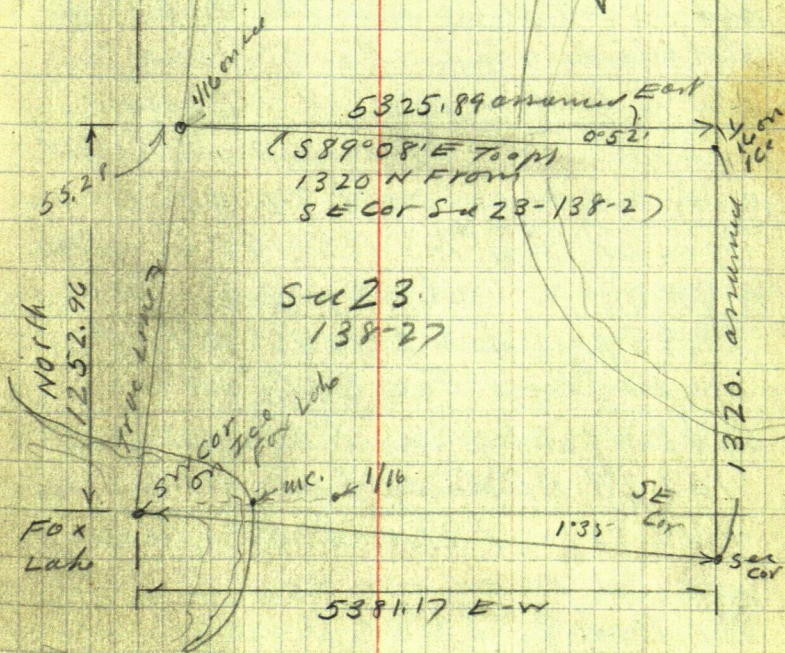
151

Figuring Nal-; Terminal Course
of So line Sec 23- is $1^{\circ}35'$ S. of E

The So $\frac{1}{4}$ I will figure to run
to a point in Eagle Lake 1320 N From
the Co = $0.52'S$ & East = $589.08'E$

$$\begin{array}{r} 5326 \overline{) 67} \cdot 0.1258 = 0^{\circ}43' \text{ out of } 1^{\circ}35' \\ \phantom{5326 \overline{) 67}} 67 = 0.52 \end{array}$$

$$\begin{array}{r} 1320. \\ 1253 \\ \hline 67. \end{array}$$



152

Oct 24-1938 Monday

up @ 7. Pick up Joseph Kisser young
preacher and drive to Horse Shae Lk
meet Hoffman and Peterson - lay
out some work for them and drive
to Janhain 2-PM Pick up Wilfred

Miller and all drive to Fox Lk @ 3 PM

At Hut 1252.96 N and +89.1 E from

244.38 E From SW Cor Lot 7.

Ch to 2.91 to opt on $\frac{1}{16}$ line

112.37 East From a point for
its west line in the lake

Set White stake Pack Plate π

now to hut on old N S Random
line. - from which White

stake @ 2.91 bears $\text{S } 32^{\circ} 45' \text{ E}$

π over 2.91 ^{RR $\frac{1}{16}$ line} $\text{N } 32^{\circ} 45' \text{ W}$ Run
 $\text{N } 89^{\circ} 08' \text{ W}$ along line $\frac{1}{16}$ line

19.85 feet set $2\frac{1}{2} \times 36"$ pipe MC
on E Shore Fox Lake:

6 ft E of foot of bank 8 from wall

169.25 Eastline from pt for NW Cor

+ 19.85 = 189.10 E RR spike

under Transit Ties to 189.1

Br Oak $\text{N } 29^{\circ} \text{ W } 3.60$

Lot 7 23-138-27

Duban

153

Oct 24-1938 Contd

Bench 85 60°03'E 35.45
 spot at base Turned from True N
 Continues S 89°08'E on $\frac{1}{16}$ line
 $+132.45 = 321.55$ E Set R.R. spike
 in heart of 10 "green Br Oak Stp
 Cut line East to Road Out
 at Sun down - Home at dark
 \$1 each to Wilfred and Joe
 Bal due Wilfred \$3.
 Bal " Joe \$1

Oct 25-1938 Tues

Joe and I L.V. Jenkins 7-50 AM Pick
 up Wilfred Continues
 East on True Stc line Sec 23
 $321.55 + 110.75 = 432.30$ Hut under T. +
 $289.3 = 671.6$ Hut on lip ^{OAK 75°50'6" W 17.15} _{BIR 54°53'32" W 211.30}
 $+ 36.7 = 708.3$ Hut E N S Road
 T over 671.6 I.P. of old Road 64°20' R 120.
 $671.6 + 158.3 = 829.9$ Hut E Old Road NES W
 $671.6 + 264.8 = 936.4$ Hut; $936.4 + 281.8 =$
 1218.2 Hut on Brink

Continued To Book 240

154

$$\begin{array}{r} 174 \quad 1'40' \\ 196 \quad 25' \\ \hline 670 \quad 1'15' \end{array}$$

$$\begin{array}{r} 438 \quad 47.4 \\ 36 \quad 1.96 \\ \hline 474 \quad 49.36 \end{array}$$

PM Pack π S and E - π over Hut 35.9 N
of $\frac{1}{16}$ from North on old picket line

See Page 137 Turn $1'15'$ R on
North $1'15'$ E This East line

Transit telescope IM set E 0.80

@ 35.9 under π set red spike 0.80 E
from probable true line?

Stadia Over Deep Draw reads $438 + 35.9$
= 474 Hut on hill set corrected Hut
0.80 E when we set π and contains
 $474 + 19.6 = 670$ Stadia Hut on top

Thence down Big hill $+307 = 977$ Stadia

12 ft N of N Birch Cut draw $+260$ Stadia
= 1237 intersect E-W line @

East $1218.2 + 11.3 = 1229.5$ RR spike @
S. half 10' green B. Oak stump; $1218.2 +$
 $21.3 = 1239.5$ Hut E Birch then down
hill $1239.5 + 61.6 = 1301.1$ Hut RR spike IP
of line

Should Be 1310.75 Fg at 9.65 short

Noli @ 60 ft to Foot of hill 12 ft E wall 40 E
at 7 ft Foot 25 E wall 80 E

Set $1\frac{1}{2} \times 30$ pipe in Side Hill NE Cor
Al Duban land. Out 575 - \$1.00 each
15 mm - Kern But use \$2.
Baird's - \$4.

$$\begin{array}{r} 670 \\ 307 \\ \hline 977 \end{array}$$

$$\begin{array}{r} 977 \\ 260 \\ \hline 1237 \end{array}$$

155

156 Fox Lake Pat DeZeller
Lot 5 Sec. 28-138-27 Cross Lake

Sunday Nov 1st 1953

Le Walker drive to Pats at Cross Lake
on to Fox lake

Tower stake set for NW cor of
Lot 5 on the shore of Fox Lake
Site South on two irons on line
run along lake shore N38°35'E
100 feet.

Tower 100 BS S 38°35'W 4 run
~~S 53°08'E~~ S 49°34'E

fig.

N 38°35'E 100 ft

Sine 623652 x 100 = 62.37 E

Cosine 781702 x 100 = 78.17 N

S 49°34'E

Sine 761161 x 587.17 = 440.08

Cosine 648563 x 1.17 S

Chain W line Lot 5 from IM
to IM 19.2 on top 1/2" pipe

Chain from South end @ 150 - 0.2
wedrive a 2 x 30° IM @ 151 old stake
155 water

from point 100 ft along lakeshore
chain 6.8 and set $2\frac{1}{2} \times 30$ " IM
center of old ³pine stump + 74.7 spike
on top + 233.8 spike hut.

Aug 3 1954

Pat pick me up at Cross
Lake and drives Ed + I to Fox
Lak Try to locate spike 74.7
on top of bank cannot find it
Then top work if on line between
hut 233.8 + IM set spike on
line and continue line
SW cut line until dark

160

Sept 23rd 1954

pick up John Collins at walker
drive to Fox Lake Tower hub

74.7 + 233.8 = 308.5 Bson spike

and run S $49^{\circ}34'E$ @ 100 pin + 300 =

708.5 pin + 5.68 = 714.18. pt for IM

Tower $\frac{1}{2}$ inch IP on top 149.8 ft

5 from 2" IM on seawall Bson

2" IM & run S: 149.8 + 235.2 =

385.0 pt for I.M. Track Corner

