

236

1937

Note:

This book belongs
to John W. Curo, Jenkins
Minn. If lost, find
please return for reward
and listen:-

hurry, because we may
need the book badly

John W. Curo
Aug 13-1937
Friday

Index

Addresses: Pg. 24.

36	31	32	33	34	35	36	31
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25	30	29	28	27	26	25	30
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1	6	5	4	3	2	1	6

Mettler

176 26

Krekelberg

27 to 45

Cannons

27- 45 Read Pg 27

Richter

46 to

Bob Pickett

Les Ebert 71

Dietz - Mettler

From Book 222. From 222

Gov Lots 2-3- Sec 36

136-29-

August 13-1937 Friday

Note:

A month ago Charles
A. Mettler and Stella J. his
wife called at Jenkins and
will pay me the \$140⁰⁰

still due from the wayne

F. Dietz plotting

providing

I now file the plat and

add a couple of lots to
the plat

I am tickled pink at the
prospect of getting my
one-fourly

Note more:

Mettler took over the
place on a mortgage about
three thousand dollars
in all.

Jahnu W. Cress

4

Aug 10-1937

Geo Smith and I work
from 10 AM to 6-30 PM

Aug 12-1937

Geo and I work from
11 AM to 5.47 PM.

I pay Geo on account
\$2. and \$3.

About Aug 7- Mrs
Kopletz promises to pay
Mettler \$50 extra if he
extends her Lot 2.

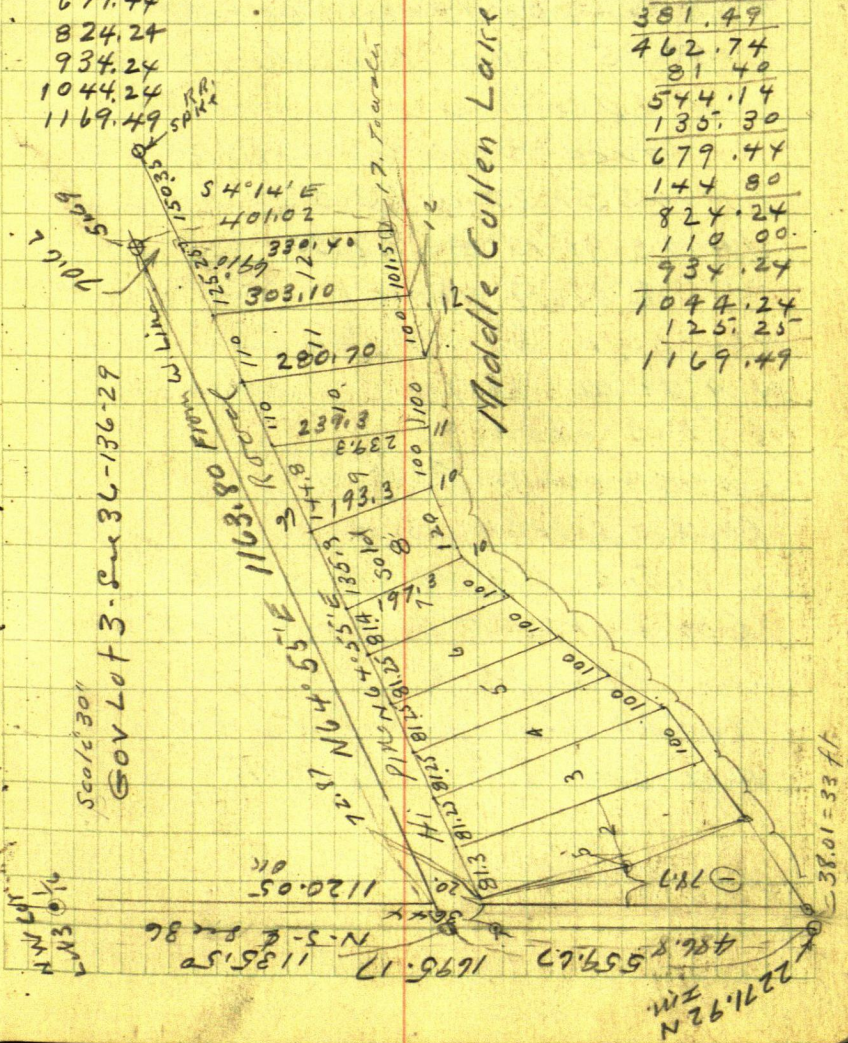
(which used to be Lot 3)
10 feet more shore-line
and run it back longer
to the top of the hill

We re-arrange the
whole plot

116
3967.09 N
= IM 116
Bk 22
pg
1695.17

36.44
56.44
137.74
218.99
300.24
381.49
462.74
544.14
679.44
824.24
934.24
1044.24
1169.49

36.44
20.00
56.44
81.30
137.74
81.25
218.99
300.24
81.25
381.49
462.74
81.40
544.14
135.30
679.44
144.80
824.24
110.00
934.24
1044.24
125.25
1169.49



6

Aug 12-1937

Heller Transit over NE Cor

Lot 12-

Continue So Line of 66 ft

Roadway $N 64^{\circ} 55' E$

@ 48 Cross Dietz main Road

@ 150.35 Hub - R.R. Spike near
old Celler hole

Ties to NE Cor Lot 12:

NP 145 $51^{\circ} 27' W$ 60.32JP 105 $31^{\circ} 10' E$ 22.30

E Dietz' Road

 $N 64^{\circ} 55' E$ ~~48~~ 40 FT Runs SEN $4^{\circ} 14' W$ 28.7N $81^{\circ} W$ about 90 ftSw angle reads $69^{\circ} 09'$ Continue $N 64^{\circ} 55' E$

@ 125.25 R.R. spike at NE

Cor Lot 12. The last Lot
in this platTotal distance from E of
Sec 36 = 1169.49. Pg 7.

From NE Cor Lot 12 Ch

S $4^{\circ}14'E$ 220 To 225 Foot of length
runs NW-SE @ 265 \pm

wagon track - private road E-W
@ 300 pin almost on line 24.3

West from SW Cor of Cem
Foundation of Cabin

The Furthest^{last} Cabin West

330.40 = R.R. Spike @ SE Cor

Lot 12 - The last lot

So Brink of Sea Wall - S. 5 Ft

Water So 17 ft

347 water

$$\begin{array}{r} 330.40 \\ 166 \\ \hline 347.0 \end{array}$$

8

Aug. 12-1937 cont'd
From N. Cor bet Lat 11-12 Ch
So @ 52.50 & 12" J.P. on line
@ 160 Foot of Big Hill E-W
@ 187 SW Cor Toilet abt 11 ft. L.
@ 225.50 & road E-W
300 ft in on Top Seawall
303.10 R.R. Spike Lat Cor
bet Lats 11-12 - 12 from water
@ 315 water edge Middle Cullen

From N. Cor Bet Lats 11-12
Chain N 64° 55' E along Lat line
@ 28.35 drive 40 d spike on
line 2 inches R. of Heart of
12" green J.P. Stump
Note: The only big tree w
had to cut on So line of 66
ft Hi Pine Road

Quail at 5.47 PM

L. Pequet 11.9 m = 5. Hrs 47 minutes
I give her \$2 x \$3.

Aug 13-1937 Friday

Old Nalis

Aug 11-1937

Geo Smith and I 2 PM av
From Seckels

T over Hut 205.25 Oak Hut
Page 185 Book 222 Find also
40' spikes in sand @ Cor to Lots
9-10 BS S $87^{\circ}12'W$ on IM @ Lot 8-9
Chain N $87^{\circ}12'E$ 100 set R.R. spike
for Cor to Lots 10-11

T over 10-11 BS S $87^{\circ}12'W$ $\vee 10^{\circ}30'$
S. bet Lots 10-11

120 Foot of Big Hill

185 E. road E-W @ 280.70 R.R. Spike
Cor to Lots 10-11 - 12 ft from wall
292.7 Wall edge Middle Cullen
Lat line reads N $8^{\circ}34'W$ Run
N $76^{\circ}17'E$ @ 100 R.R. spike Lot 11-12
+ 101.50 = 201.50 R.R. spike for
SE Cor Lot 12

10

Aug 13-1937 continued

all AM on platin Jackson

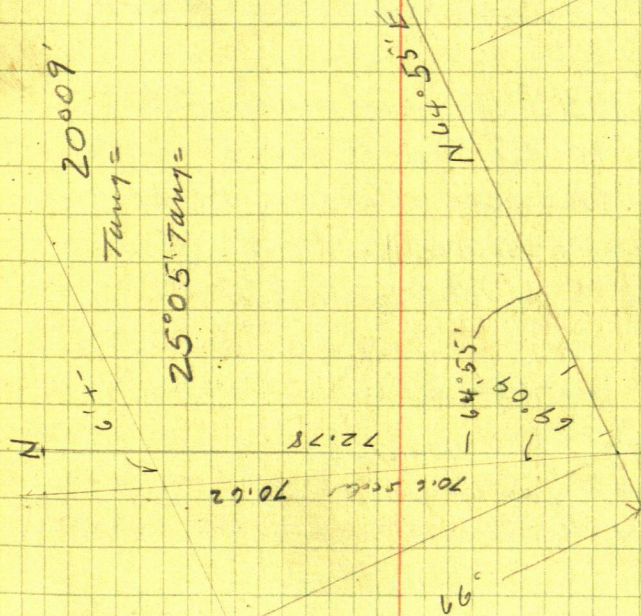
2-PM-Martha and I L.

to get Reed and Eunice for
this shower

$$69^{\circ}09'$$

$$\sin \times 3557 \times$$

$$\cos 93462 / 66 = 70.62$$



Tang

$$25^{\circ}05' = 46808 \times 66 = 30.8924$$

$$20.09 = 36694 \times 66 \quad 24.22 -$$

$$4^{\circ}56' = 08600 \times 66$$

12

Aug 14-1937

all AM in Jenkins

Reed - Burke - Martha

and I -

and

bring roast - eat breakfast
with us

am. 9.55 I Lv Jenkins
alone 10.25 ar at Ho

Correct Mogensen plot

Look up Deetz - Mettler

Deeds Lot 3-36-136-29

Lot 3-36-136-29

D 88-633 -

D 91-355 -

K of plot

D 92-466

D 93-631

D of form

D 93-632

Deed

13

D 88-633

Wayne F. Dietz

Marion W. Dietz and husband

To Bertha E. Koplitz

Oct 10-1932

of MPaul. Ramsey Co

One dollar (\$1⁰⁰) +

That pt of Gov Lot 3-36-136-29. Described by meters and bounds viz T. W. L. Co. Corn @ apt on the N shore of Cullen lake where the shoreline of said lake intersects with a line running N & S and 200 ft E of the West line of said Lot 3. thence running north for a dist of 200 ft on a line parallel with the said W. line of said Lot 3. thence running E 80 ft on a line parallel with N line of said Lot 3. thence S by 10 apt on N. Shore of Cullen lake which pt is 300 ft E of W line of said Lot 3 - thence W by on N shore to place of beg Subject to Mineral re. - Consideration less than \$500.

14

D-91-P9355

Correction Deed

Same as Pg 13 This Book

Apt of Gov Lt 3-36-

136-29 Beg @ IM on N shore

Middle Cullen Lk @ apt 262.74

ft E From W Bdy Gov Lt 3

thence S 55° degrees + $50'$ W 100 ft

to IM. thence N 20° W 200 ft to IM

thence N $52^{\circ}30'$ E 81.30 to IM

thence Southwly 200 +- to

place of beg containing .40
of an acre +-

Also easement of a R of W for
a roadway leading from the
land herein conveyed and
running in a northerly
direction across the northerly
part of said Gov Lt 3 to connect
with the public highway

This tract shall extend
to the low water edge of said
Middle Cullen Lake - W Bdy N-S-

This deed is given to correct the
description in a former deed given by
the grantors herein to the grantee
herein on Oct 10-1932

continued

15

which deed is recorded in
the office of the Registrar of
Deeds of Crow Wing County
in Book 88 of Deeds page 633

Deed

92 D-Pg 466-

Charles A. Mettler and wife
(Stella J. Mettler)

To

Frank Du Four and
Frances Du Four as
joint tenants

July 27 - 1936

Charles A Mettler and Stella J
Mettler, his wife of Hennepin
County To Frank Du Four
and Frances Du Four of
Hennepin County \$1.00 or

That part of Gov Lot 3
Sec 36-136-29 described as
follows, to wit: Beg @ an IM
on N shore of Middle Cullen Lake
at a pt 581.20 ft E from the
West boundary of said Gov Lot 3.
thence N 63° and 3' E a dist of
120 ft to IM, thence N
22° 1 minute West a dist of
179.65 ft to an IM, thence
S 54° 12' W 140 ft to an IM
th S 27° 58' E 158 + - to pt of Beg

Deed

D 93-Pg 631

Frank Du Four & wife To
 Dorothy Du Four Hennequin &
 Sept 18-1936
 \$1⁰⁰ +-

That pt of Gov Lot 3-36-
 136-29 described viz to wit.
 Beg @ an I.M. on N shore of
 Middle Cullen Lake at a pt
 581.20 ft E from the West
 boundary of said Gov Lot 3
 thence N $63^{\circ} 3' E$, a dist
 of 120 ft to an I.M. thence
 N $22^{\circ} 1' W$ 179.65 ft to I.M.
 thence S $54^{\circ} 12' W$ 140 ft to I.M.
 thence S $27^{\circ} 58' E$ 158. ft
 +- to place of beg

18 June Aug 14-37 at et 40
Deed Bed

93-D-Pg 632

Sept 18-1936

Dorothy DuFour Singer

To Francis DuFour

81-+-

Beg @ Km 581-20 E

N 63° 3' E 120.

N 22° 1' W 179.65

S 54° 12' W 140

S 27° 58' E 158

T-114 beg.

Aug 15 - 1937 Sunday

Reed and Eunice get in
after midnight. Martha
cooks breakfast.

Pick up Geo Smith about
9 AM. 10-15 Geo and I call
on Et Lambert. Back to
Jenkins. L. Jenkins 11-50

12-25 AM on Middle
Cullen. X over NE Cor.

Lot 12 - BS - N 64° 55' E Run
North 72.78 set Hub

Also N 4° 14' W 70.62 R R stake

N 25° 05' W 66.00 Hub

all three line up OK. $\begin{matrix} 25.05 \\ 64.55 \\ 89.60 \end{matrix}$

Dist bet the two E-est

Hub 5.70 ft.

Set $2\frac{1}{4} \times 36$ " pipe @ 70.62 = NE Cor
of plat

At NE Cor Lot 12 Set $2\frac{1}{4} \times 20$ "
Pipe. & Run 48 ft N 64° 55' E

1-20 PM. call on Nellie

Eat our lunch

20

250
239.30
- 11

Aug 15 - Cont'd

2-15 P.M. Beg @ cor to

Lab 9-10 ch to 50 foot of Hill

SE NW: 143 & road E W

233 foot seawall 239.30 IM

Lot Cn 250 water = 11 to water

So Bet 8-9-

So Bet 8-9- @ 6 ft & Kapley Road

13.75 ald IM Cor to be pulled
up @ 145 dim road NE-SW

193.3 IM Lot Cn 203.3 water

n shore Middle Cullen 10' to water

So Bet 7-8- @ 30. & Kapley Road

NE-SW 197.3 IM Lot Cn

207.3 = 10 to water

(at about 75 foot Bri. Hill NE SW)

So Bet 5-6-

Sht 2-3- @ about 240 & road and
Taking Shore at water edge

o.o water 25 R.

Lot 1- " 20 "

+50 " 30' R

+100 " 30 "

Lot 1-2- " 15 "

+50 " 7 "

2-3- " 15 "

3-4- " 30 "

+50 " 64 "

+70 " 70 "

4-5- " 33 "

5-6 " 23 "

6-7 " 4 "

7-8 " 10 "

8-9 " 10 "

9-10

10-11 "

11-12

Out at 4-50 PM

IM 33 3967.09N

22

1135.50

33

1120.05

15.45

3

81.25

72.87

36.74

33

20.0

81.3

81.25

1695.17 Total bet ZMS -

486.80

291.80

33

111.80

78.7

crook

81.3

(1)

(2)

3

100

201

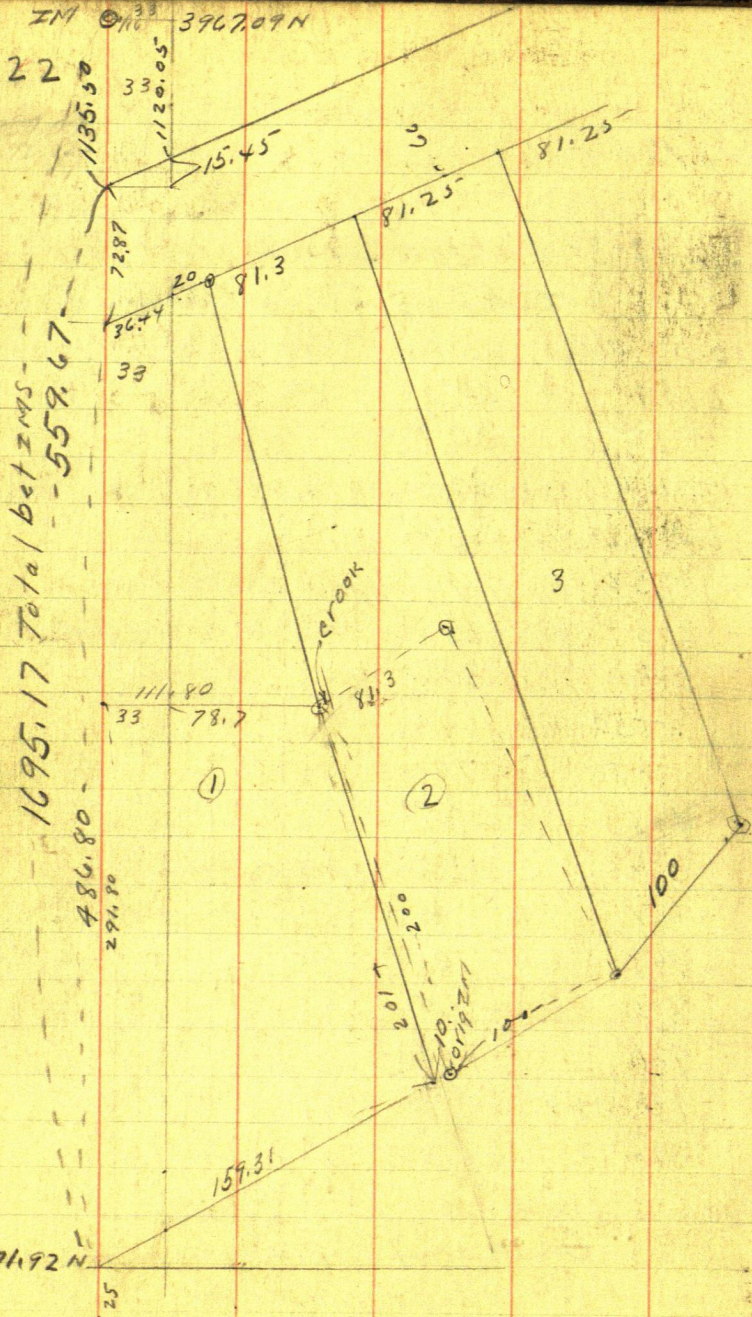
10.0

00192N

159.31

2271.92 N

25



Mettler Point

23

Aug 16-1937 Plating

486.80	3967.09
72.87	2271.92
<hr/>	<hr/>
559.67	1695.17
	<hr/>
	1695.17
	559.67
	<hr/>
	1135.50
	15.45
	<hr/>
	1120.05

Mrs Mettler hands me a check \$100=
Baldur \$40.

24

Addresses

Geod and Bertha E Kopitz
50 W. Belvidere - St Paul
Riverview 0345 Sept 8-1937

Frank T. DuFour
3819. Sheridan Av N - Mpls
Sept 8-1937

Charles A. Mettler and Stella J.
Mettler

Bill

Aug 20-1937.

Chas A. Mettler and Stella J. Mettler
To John W. Curo, Dr.Engineer work and expense,
Finishing the survey and plot of
Mettler Point \$ 140.00Recd payment \$100. on account this
20th day of August 1937John W Curo
Surveyor.Note: On Aug 20-1937 Mrs Mettler
gave me a check

① sat
Krekelberg Nov 27-1937 27

Chas D. Cannons & Wife & Son
1255 Wellesley St Paul
Call at Jenkins 11-30 A.M. and
want more survey work.

They bought
S. 550 Ft of Gov Lot 7
See 4-135-29 Cass Co Minn

From J. H. Krekelberg - Brod &
R. C. "Bob" Pickit 114-50 Vermont
Ave Los Angeles Calif

Notes:

Last year I made a survey
of a part of S to line See 4-135-29

© 1d Notes

Book 56. Cass Co Pg 94 to 135

Book 216 Crow Wing Pg 53-59.

Book 3A. Flot Scrap Pg 54-64-65-77

Book.

12 M. Reed drives fr Clarence-Hodge
and Son Harard I copy old
Notes

Lot 7-Sec 4-135-29- S. 550 ft

1-30 PM Clarence Hodge and his
"New" car ar - Lv it and all go in
mine Pickup his brother

Oliver Hodge ar Gull Lake
1.45 PM.

Chas D. Cannons. wife and
Son. help

Cut out my old T line on

S $\frac{1}{2}$ E-W in Sec 4-135-29

Find my old Hub 1x10
wood on hill and Charn
Eirt-down hill 300 set
wood stake-nation line

@ 400 ice NE SW - 600 m
ice + 312.2 = 912.2 intersect
wood hub Truck S $\frac{1}{16}$ Cor
Bet 3-4-135-29

Heller over Hut 912.2
on hill Focus West on
IM pipe on Hi bank E shore
of Gull ch West

+ 300 = 1212.2 fm + 32.8
1245 Hut R.R. spike 1212.2
+ 107.8 = 1320.0 Hut R.R. Spike

Nov 27-1937 cont'd 3 Kerkelberg 29

Chas O. Cannons - Kerkelberg

West on line line = Sta Sec 4

135-29 = So. line Gov Lnt 7,

1320 + 129 = 1449. Hub R. R. Spike

1449 + 88.5 = 1537.5 Hub R. R.

south on E main Highway
runs N-S-

1449.0 + 300 = 1749 fm + 3.5 =

1752.5 Hub R. R. spike + 95.2 =

1847.7 Hub R. R. spike

1752.5 + 235.6 = 1988.10 Hub

R. R. spike Thence over draw

243.0 = 2231.1 To Iron Pipe

Set by me last year on the

bluff about 150 ft East

of Gull Lake =

So Boundary of Cannons'
550 ft strip

Then nearly down two
cars we all drive half a

mile SE an from Iron Pipe

@ SE Cor Sec 4-135-29 Out

but my old π line West

Quit at dark. Reed, Wanda

Bennis & I at Jenkins

Jenkins Car

1537

132

217

30

③

Nov 28-1937 Sunday

up @ 6-30 - Reed picks

up Clarence -

In my car pick up Oliver

9-15 L. Jenkins.

Clear Sunshine - Cold
NW Wind about 5° below)

At 9-30 Fuel

Chas and son waiting

From Cor

West on random

300 about & Curve in main

road where

Private road runs west

@ 600-900 pin @ 900-121.4

= 778.6 Hut R.R. spike

1. ft so of &

Oak 6" about South 11.85

JP 12" S " 75" W 50.45

10 Light spot at base

900 + 238 = 1138 R.R

spike Hut 1.00 ft so of

my old 1" oak Hut

which sets 3.00 ft

Continued on Pg 32

(4)

Time Sheet Working for Chas D. Cannons & wife on
\$15.00 a day and Exp. Reed and T @ 50¢ an hour

Ocher @ 40¢ an hour

1937 NOV 27 ^{SUN} 29 DEC 1 2 3

John W. Curo T

Car

Expense

Reed Curo and T

Clarence Dodge A & T

Ocher

Chas D. Cannons & T

Chas D. Cannons & T

Mrs Cannons

Cannons Car

4 6 1/2

8.11

-

4 6 1/2

4 6 1/2

4 6 1/2

3 1/2 6

3 1/2 6

?

9 9

Men - paid T has

1/2 PM

1

-

1/2 PM AM

1/2 PM AM

1/2 PM AM

-

-

-

-

32

5

east from $\pm 12''$ SP which
stand on my First Random.
we pitch our line one foot
to get past this $12''$ SP

about 1150 London's
Road turns to

Old Road runs north

1200 from 1273.7 Hub

R.R. spike $1200 + 155.4$

- 1355.4 Hub R.R. spike

On Top of Bank 50' up

NP15 NW 17.10

NP 16 SW 20.30 To old

spike on N side 18" up

1355.4 Thence Down

steep Hill

West $127.0 = 1482.4$ W

Hub R.R. spike on

Sharp Sea wall

1490 enter Ice East

Shore Gull Lake

Battered $2''$ Iron

Pipe on sea wall

sets to 55.5

Hub 1482.4 W goes N 1.84 to straight

line bet. SE & SW corner 4-135-29

Correction = $.0012434964 = 0^{\circ}04'$

⑥

and another 2" iron Pipe
Set North - 45.4

Sea wall corner slightly
NW = 100.90 Bet Ims

Via my R.R. Spike Hut
N = 1482.4

At old Bathed Iron
Pipe Set by Knudsen
For Lundeen Survey

Seems to have No US Bts
except old Basswood
or Papop Slump 12" bears
about SE 4.7 and an
old 12" pine Slump bear
East 39.0 Feet

I will Look this M. @.
up later

From Hut 1482.4 ch
West 17.6 to 1500 West
pin on Ice Ice New and
4½" thick - No Snow

34

⑦

West on Ice

18-21-24-27-30-3300

set short pop slakes in
Nalich on Ice $3300 + 134 = 3434$ LVIce NE SW $3300 + 159 =$ 3459.0 Hub R.R. spike
on Point of land from
the northOut for dinner Walk
East over ice and drive
to Cannons' College.
at 1-30 PM.all eat lunch and
write up the notes2-30 Back on work - Reed
drives our car out on Long
Is point - not shown on
U.S. Map. π over $3459.0 + 80.7 = 3539.7$

Hub R.R. spike On Top

8 ft up

Birch 7 \swarrow LEANS East
N $21^{\circ} 20' W$ 20.35W. Oak 8 N $62^{\circ} 24' W$ 16.10Ash 8 S $38^{\circ} 18' E$ 31.60

(8)

SE Cor of Point of land lies
South 198 to 202 = 200.

SW Cor bears S 3° W 200

Cut square on to end and
10 ft wide -

$3539.7 + 30.3 = 3570.0$ enter
ice on West side of Point N-3

$3539.7 + 60.3 = 3600$ stake

on ice Set short stake
on ice for Back Stake at

West on ice: 3900 - 4200

4500 - 4800 Stake - 13 =

4787 Hub under X

(4780) LV Ice Run

NW - also SE 50 ft then

SW 200 and South

4787 Hub on low shore
+ 67.3 = 4854.3 Hub R.R. Spk

Ash 4 SE 2.80 Light Spot

Ash 6 NE 9.70 at base

$4787.0 + 170.0 = 4957.0$

Hub R.R. Spk

Birch 15 North 3.10

Twin I Wood 5.4 SE 7.0

West line:

36 1937.
Nov 28

(9) continued

4957. + 53 = 5010 enter
open marsh - wet - frozen
NE-SVY 3800 + 300 =

5100 stake in marsh

Quit about 5 PM Too dark
to see

Note: Cannon told me,
figure how much it will
cost to finish his liver
and I tell him \$67.

He goes home about 4-30
and returns with the
check. He calls Char
D. Connor Jr and they
quit before we do and
beat it for home and for
home @ 1255 Wellesley Ave
St Paul They are gone
when we drive past their
cottage after dark.

Note: All AM strong NW
wind I wore Big sheep lined
overcoat - Cold or hell
Martha - Reed - Eunice and I at
Jenkins - John W Curo

correction = 0012444934. y 555979h 244
5573.601 y 6.93

10

Nov 28-1937. Continued

Note: I tell Cannons I can finish his survey in one more day - and will do it anyway for one more day: I figure up and tell him total which what we have done will be \$67. He pays me for the coming days work in advance total \$67.

Check.

11-28-1937 Commercial State
Bank St Paul T. J. Cullis
Sixty Seven Dollars
\$67. C. D. Cannons

38

(11)

Nov 29-1937 Monday

Cash my check of Peguot

Pay Reed \$5. Oliver \$4. Clarence

\$4. all in full for Cannon survey

I work with Town Board

Ideal Trwp - Book 231

Nov 30-1937 TUES

All day and all night on
plot of road Book 231Dec 1st Farmers State BankPeguot calls up to report check
\$67. Protested by Cannons

Dec 1-1937 Wed.

I prepare to go to Brainerd with
Town Board Book 231 - No 90

PM

2-PM pick up Clarence -
Oliver and Reed and ask
till dark @ 1320 W Ch E 4.20
1/13 15.80 W set RR spike

True 1/16 in Cen SE 1/4

See 4-135-29 See net Page

Run N @ 90-550 ft W at 90-

This corrected
later

(12)

39

263726 Mych

.00004406

1318.63

1318.63

1488.96) 6.56000
595584
604160
595584
857600
893376

1488.96 US
1482.40 Mych
6.56 short

1320

1317.51

4406
132

1320.00
5.82
1314.18

8812
13218
4406
5.815-92

1317.41
1316.40

1314.18
1318.63
263481
1317.41

132000
131580
420

1315.80
1315.29

1317.41
1314.18
2631.59
1315.79

Mych
168.22

1488.96 US =
1482.40 Mych
6.56 short

mc

2256 = 1488.96 US
1314.18
1482.40 Mych

.004406 short

1488.96) 6.56 short
1320 5.82 short

1320.00
5.82

1482.40
1314.18
168.22

1314.18

40

13

Dec 2-1937 Thursday

I go east with Carl Ryan and
his car. Reed picks up Oliver
and Clarence Lvs Johnson
@ 10-AM and finishes Cannons
survey Back @ 1-30 PM

Reed's Notes.

Begin @ NE Cor Chas Cannons
Tract ch

Went parallel with D 1/2 line

257.6 RR. Spike Hut in
main road N-S near SE
Cor open field 300 pin + 207.8
= 507.80 Hut R.R. spike

under Heller T 525. spike
+ 291.8 = 816.8 Hut R.R. spike

525 + 300 = 825 + 53.10 =

878.10 Set 2x20" Pipe on

Sea Wall 16 ft from it

894.0 end in ice on E side
of Gull Lake Drive 2x20"

Pipe @ NE & SE corner of

Cannons Tract -

Note: The NE Cor 1/2 m of
Cannons Tract, must go open ft
E or W. -

Dec 2-1937 continued

Nat'l at 10 am. Mrs Kemper gave
Reed a delayed Telegram
from Cannon Vig
St Paul To Jack Curo

Send check back for collection
Sent back in error Signed
C.D. Cannons "

Reed show Pequot Bank
copy of Telegram so
everything is O.K.

Evening

Mrs Clasen and her girl friend
calls at Jenkins enroute to
Maxwell Cottages and want
me out there in the morning to
R-Run the McDowell North
line Le Bank --

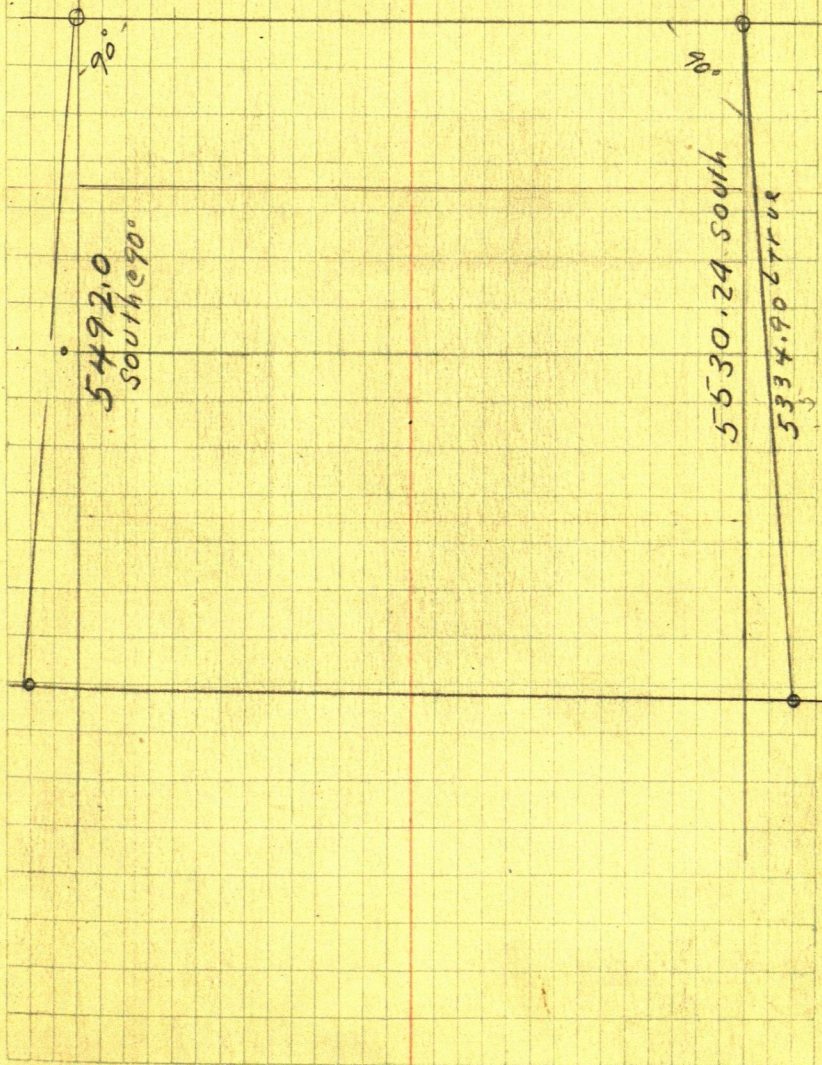
9-PM. Reed and Eunice
go out - Martha and I alone

John W Curo

42

camons

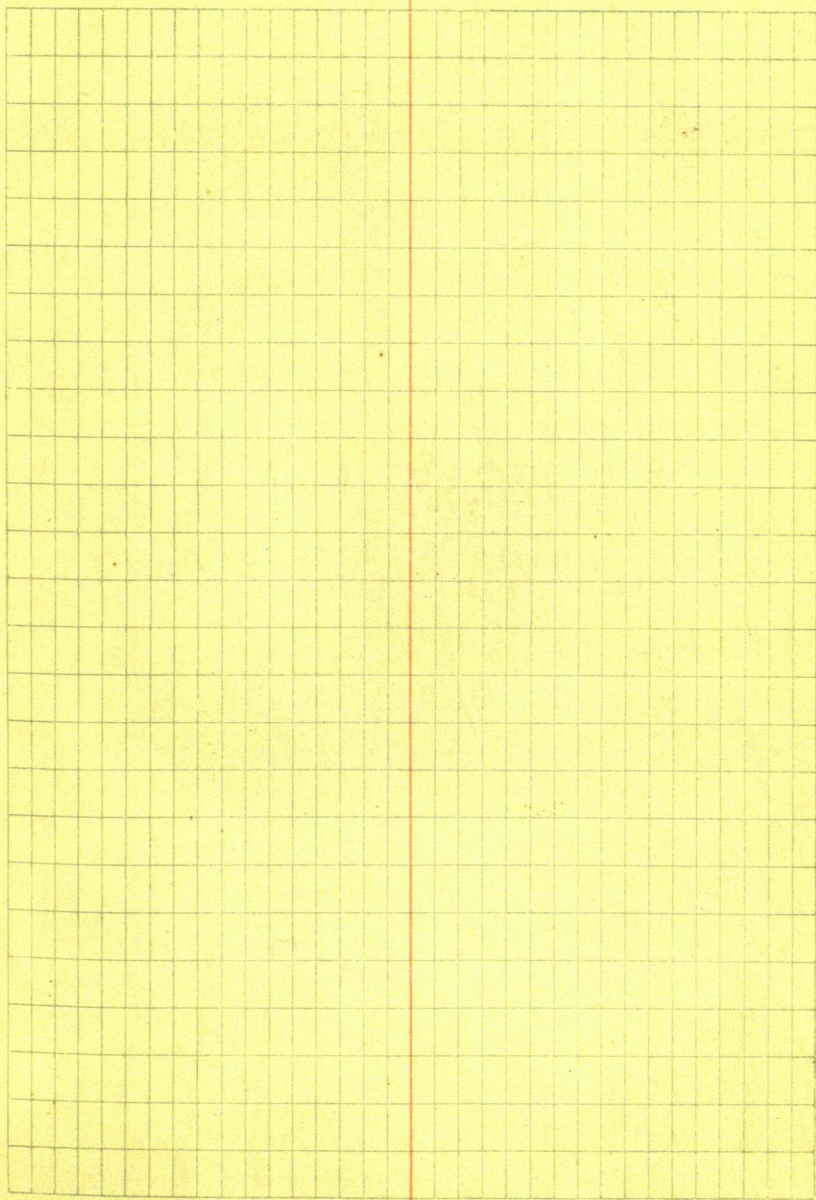
Plat Copied From Book 56 - Cass Co.
 " " " " 216 - Crown Wing Co.



44

cannons

Cannon



46

①

Richter

April 5-1938. Tues

Ernest Guthrie calls -- we shall
 till noon - dog eats Ernest's lunch
 and he eats dinner with Martha & I
 PM.

1-30 L. Jenkins - Call on Hal Willis
 crew. See Reed - Look over Ocean
 Plat. Book 214 - Find I.M. pipe set
 by some last years survey on N. Side
 SE Bay East Twin Lake 1944 Re
 M.C. Bet 34-35-136-29 7.

See Book 214. Pg 64-70 67-88-91-93-
 94-98-99-100. T 27

Book 214. Pg 67 Old notes say Mar 31-1925
 "From 4978.75 S we chain N. 179.65
 to 4799.10 S. from which the SW
 Cor of house bears East 7.4 ft"

To-day apr 5-1938 we drive a RR.
 Spike 7.40 W. of SW Cor and in line
 with S. side. Set Heller T on

Top of hi cut bank - work in
 line bet I.M. Sec Cor S. and
 T on pipe N. over lake -- our line
 north cuts E of East half of RR.
 spike on 7.35 W of Ho Cor.

Drive spike π of π on hi bank on
 North - Focus on π over lake
 Chain from R.R. spike 740 W of
 SW Cor of Ho = 357.90' N from
 See Cor (check this distance to
 See cor later) ch

North. 357.90 +

R.R. Spike in path. 357.90 +

214.8 Hat = R.R. Spike 572.7

N. Hat 4 ft so of ice π @

572.7 N Focus N on π over

lake and continue N 300 to

872.7 Hat R.R. Spike on ice

Take Stadia of shore line

π @ 872.7 N

S 10° E 310 South 300

S 10½° W 220 - on ice 14 ft from shore

S 25° W 160 On ice 4 ft from shore

S 35° W 140 " " 4 " " "

S 51° W 140 " " 4 " " "

S 64° W 170 " " 4 " " "

S 76° W 180 in shore. Ice 4' E
 Foot Hill 12 ft W

N 86° W 180. Ice 2' E Hill 12 ft W

N 74° W 180. Stake line 6' W

Foot of Hilist land 10 book

SESE 34
136-29

Richter Plat

49

(4)
π still over 872.7 N on ice lake shore
N 55° W 180 - shore 10 feet back

N 42½° W 200. edge of ice 3/4 foot slope

N 38° 30' W 220. On ice ^{edge} Hill 20' Back

N 33° W 220. on ice ^{edge} Hill 20' Back

N 21° W 260. Stake line 10 ft back

N 16° 40' W 255 on NE Cor Low Pt

From 872.7 Run.

N 17° W @ 262 Hub R.R. spike
on low point of land + 300 -
562. Hub - R.R. spike on ice

Thin - Rotten ice we get a

1x4x12 board at Richter Cottage
walk N - lay board - Ernest

carries ch to shore - Hald zero
on 2 in pipe over lake and we get

So on ice 3-6-9 + 99.5 = 999.50

To Hub 872.7 N So that it should
be $872.7 + 999.5 = 1872.2$ Ft From
SE Cor Sec 34-136-29 - North to

2 in pipe on N. shore of S.E. Arm
on East Twin Lake

Quit at 4-50 Call a minute
on Reed & Eunice or Jenkins
5-30 PM. Ray Bryant and his wife
& Glorina for supper
Glad's letter -
Gerald's clipping on

John W. Cocco

50

(5) Richter plat

April 6-1938 Wed.

Martha and I home all day in Jenkins

Carl Ryan - Jack Lamont call

Ernest calls 9-AM and will take
his sister to Bernidji

May 3-1939

up at 6-30 cloudy

Harold and I in my car
Lr Jenkins 8-30

At 9-30 AM on and talk
with Mrs De Laney - light
rain Hot & over

Sta & BS - So run

N 77° E 140.5 to Sta

52 Richter 7

April 21-1939

Sink Hole

Harold and I Bc9@Im Cor

2-3-34-35-135-136 chain

West on graded road on 1

Between Secs 3 and 34

Perfect chain

200 Lv swamp @ 220 west

corner at top of 5 inch white

post Forstry Dept marker

= west side of post Not on line

252 & yellow line State Highway

^{22-5W}
3-6-9-12 set pins + 113.05 =

1313.05 set R.R. spike not on

line = Temporary '16

Set North of North wheel track

Trying to fit our chain to

check old Survey Book 56

Qass Co Lundeen Survey and

Book 215 Quinn Survey

1500 pin + 143 = 1643

about in line with crooked

road leading N-NE

1500 + 300.1 on slight slope

= 300 plumbed uphill = 1800 w

$1800 + 300.1$ up slope No plumb-bob =
 $300 = 2100$ pin on slope of hill
 $+ 300.1 = 300$ up slope = 2400 pin
 on laps - No

Note: To avoid using plumb-bob we give the tape one tenth (.10) of a foot in each 300 feet on this slope - estimated to take care of the angle.

Then check the chain again with plumb-bob every 50 feet or so and find our one tenth is almost exact

$2400 + 226.1$ level ground =

2626.10 RR Spike Hub not on line set north of north wheel track Temporary $1/4$ to fit my old notes in Quinn Survey 10 years ago.

Note: Our 2626.10 seems to fit my old cut out π line leading north

This $1/4$ Cor Bet 3-34 was set by me from both old US BTS but the PWA has grubbed them out

54

9

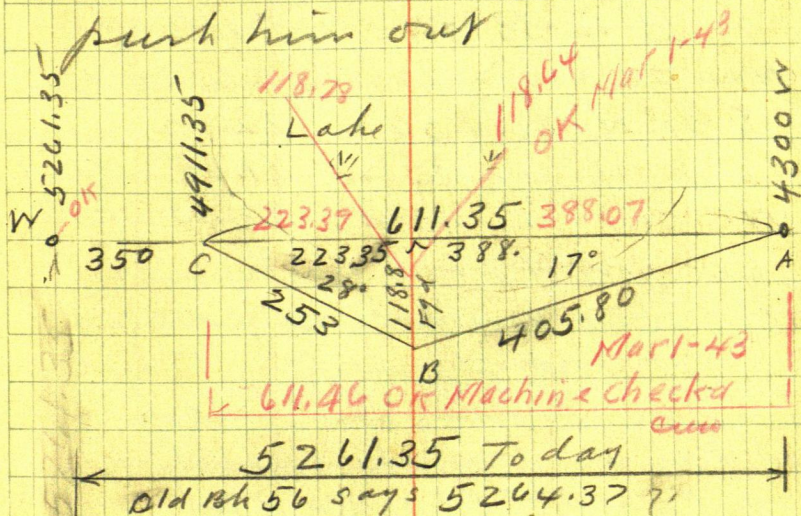
2400 + 300.1 down slope =
300 = 2700 pin - then @ 3000
3300 - 3600 - 3900 set pin
3944.2 Set Hub RR spike
not on line to mark pt
for my old West $\frac{1}{4}$ cor
as per my old notes
@ 4200 - pin + 100 = 4300 set
R.R. Spike East of marsh
Too late to triangulate
marsh Quit and go home
to Jenkins

10 Richter

55

Herald and I go to
Bainard I get my car
from Reed

Back @ 4300 in Two
Cars - Harald's car stuck
in sand P.W.A crew
pulled him out



Tang

$$17^{\circ} = 3057 \times 388 =$$

$$28' = 5317 \times 223.35 =$$

56

II

May 2-1939

Harald - Wilfred Miller
and JH Curo Lu Jenkins
in two cars 9-30 AM
Dig up Iron pipe @ Cor

3-4-33-34 - 135-136-29

New Tier

8" JPN. about $50^{\circ}E$ 122.90
12" " N, " $35^{\circ}W$ 81.65
9" " S " $40^{\circ}E$ 93.40

Cor port of 3 way fence
NW 35.2 To side of 5" port

I lost the slip on which
my yesterdays notes were
written on but the sketch
on Page 55 shows our
New length of N side
of Set 4

Old Ch Bk 56 says	5264.37
Today	5261.35
= 3.02 ft diff?	3.02

we will look this up
later

May 2-1939. Continued
O.K. We find my lost slip
of notes viz:

See Plat Pg 55. O.K.

We find Aloe \times broken
P-B. String Hook.

Harald and I L.V. Wilfred
Cutting So and we return
in bath car to Pequot-
Jenkins

PM

Harald and another \times
goer back to help Wilfred

I have young Hedges
fox my Plum-bat
string hook.

58

13

$$1540.44 \times 0.05832 = 8.98385 = 1549.42$$

$$1320. \quad \times \quad " \quad = 7.69824 \quad 1327.70$$

$$\underline{287712}$$

$$1320 \quad \times \quad " \quad 7.6982 \times 1327.70$$

$$1320 \quad \times \quad " \quad 76982 \times 1327.70$$

OK check 553252

Note:

oh yes they do ck via
TR OR LINE CURS MAR
1943

My Old Figures in Book

56 on Pag 124 does NOT. check

with my figures Today by

Book 56 Says Tat at length
of East line of Acc 4 -

135-29 via True Line is 5530.24

or 29.80 Long

Same figures Figured Today

in

5532.52 or 32.08 Long ^{Nix}

HELL. THIS IS OK VS US

I. Do Not use old Book Figures
But will use my new figures
as figured today

I Hell No. This checks perfect. Look, 5530.24 South
+ 139 cor 99583 would give 5532.52 or
29.80 Long

Pickett ⁽¹⁴⁾ Richter
CANNONS

59

135-29

True Line

16016

51.391E

55.32.52

0044 us

32.08 Long

005832 Long

5530.24 50014

= 5532.54 V19 True

Line @ 1.391E

Cure 1-2627-43

(4)

OK 55-32.54

Harold's Random
True

1545-44022

Harold's Notes

May 3-1939

Harold and Wilfred

South on random bet

3-4-135-29

3-6-9-pin on 4 road

1000 road slats to turn west

1040.30 Hub

All Hubs are R.R. spikes

1200-pin 1230 ent wet

swamp W & SE

1323 L_v Sup NE SW

1500-1800 pin 2068.75 Hub

2100-2400-27 set pin

2923.30 Hub

30-33-36-pin 3856.50 Hub

39-42 pin 4205.40 "

4205.40 - old Hub - set for

 $\frac{1}{16}$ Cor beam

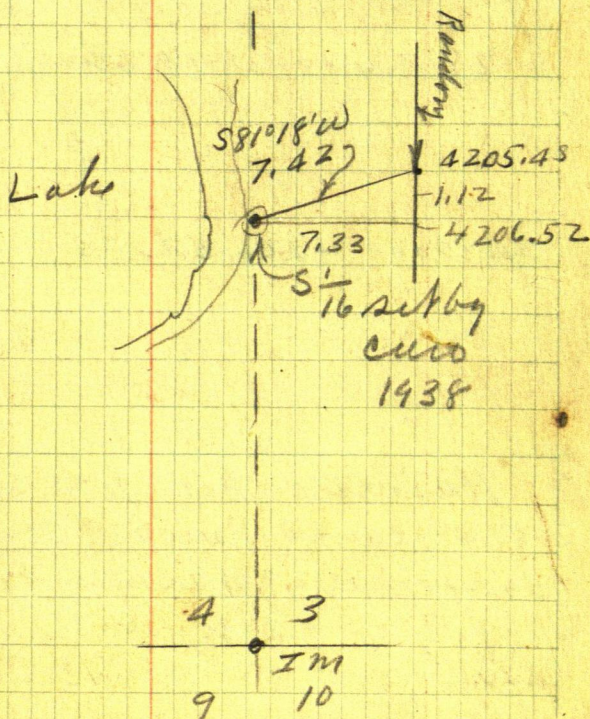
581°18'W 7.42

1.12S and 7.33W

4206.52S - $\frac{1}{16}$ sets W 7.33Ties to Hub at $\frac{1}{16}$

S $\frac{1}{16}$ Bet 3-4-135-29
 JP16 N $64^{\circ}35'E$ 25.15 FT
 to flat spot at base
 JP14 N $11^{\circ}20'W$ 67.55
 spot at base

Taken from random line
 which is almost line line



62

May 13-1939¹⁷

$$1540.44 = 1550.05$$

Sec 4-135-29

$$2860.44 = 2878.28$$

$$4180.44 = 4206.52$$

OK For East line

1640.4405

1550.05

1326.05

1328.23

1320.05

1328.23

1320.05

5500.4405

Harald's Chain to 1/16 26.08 Long ^{vs US ch} ^{OK} ^{Govt}

$$4180.44 / 26.08 = .006238 \text{ Long}$$

$$1540.44 \times .0238 = 9.61 + 1540.44 = 1550.05$$

$$1320 \quad " \quad 9.23 + 1320 = 1328.23$$

$$1320 \quad " \quad 9.23 + 1320 = 1328.23$$

colled True East-True Line

Sec 4-135-29

← True Line
N 89°39'W

87°54'0K

88°

Harold's Line 206.52
0.00

1/2 T33

True Line S 1°39'E

22.50 =
1488.96.05

64 May 13-39 Sat ⁽¹⁹⁾
Correcting = 0017477

Harald's Line

π over 2923.3 Ch N 45.02

To 2878.28

π over 2878.28 B N on random

Turn 90° L and chain

2878.28 gages W 5.00 To

True $\frac{1}{4}$ Cor

But 3-4-135-29

See Page 124 Boat 56 Cars

2068.75 S gages West 3.60

1550.05 " " West = 2.70 To N $\frac{1}{4}$ C

1040.30 " " " 1.81

Harald and I figure till
2-PM

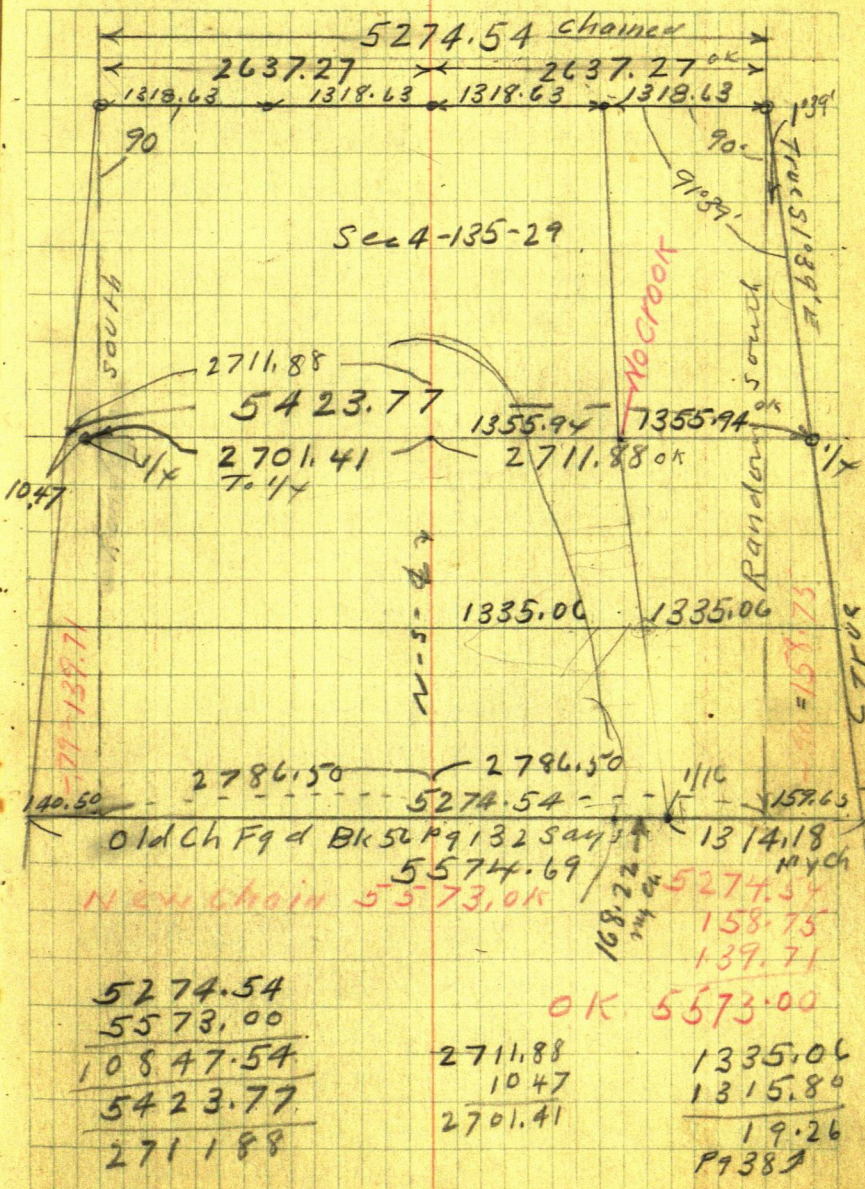
Nati: yesterday I called
on Bob Pickett and he
promises to pay \$75. by
July 12-1939 For my
running E x W &

See 4-135-29 Only one
line!

John W. Cress

Richter
PICKETT
20 Cannons

65



66

1314.18
1353.92
2670.12
1385.01
1315.80
19.26

May 29-1939 Monday

Harold Curo and Wilfred Miller has run the East line of Sec 4-135-29 - Page 63-64 this book and has cut the line & went
Page

And as Bob Pickett has sold an additional 100 feet to Mr Cannons to go with the 550 feet he bought and we surveyed as shown on

Page 27 to 45 this book

We will survey this last 100 ft for \$15.

10 AM. Harold, Wilfred and I in my car to Jenkins

Harold and Wilfred Beg @ $\frac{1}{4}$ and ch. Weston line & Sec 4-135-29

I call on Mr and Mrs Cannons to explain that their East corner was only run "Temporary" and that since I have almost entirely subdivided the Section I will now place their line corner.

They say O.K. I talk with Bob Pickett who says he will pay me \$75 for his E-W &

I help Harold and Wilfred ch
West on line & Sec 4-135-29

300-600-Stake 742.8 Hut 900 stake
973.90 Hut + 140 = 1113.9 stake + 275.1
= 1389.0 Stake on side hill + 67.8 =
1456.8 Hut on top $\pi @ 1456.8 + 74.5$
1531.3 Hut R.R. Spike in & N-S-Road
From 1389.0 ch back

East 33.06 T. 1355.94 W set hub of
True $\frac{1}{16}$ Cor in center of
East Half Sec 4-135-29 R.R. spike
in deep hole at foot of big hills

Mr Cannon and son
come to help us and we all walk
South and bring up my old
line also over Iron pipe
at temporary SE Cor Cannon
Tract- Focus on Iron pipe
Temp NE Cor Cannon 550 ft
direct The angle is a perfect 90°
to line E-W- So $\frac{1}{16}$ line as
already established by me

See Page 27 to 45 This book for
Temporary SE x NE Iron corner

Water not finished
 Nalo:

Lalor Road on Harold
 Presherd Bab Picket line
 West on Truro & see 4-
 135-29 to Hull Lake

old water some place in
 the office (Mar. 1949-) for these Notes see
 book 408

Jack Curo

March 3-1943

Doris Gagnon at Beaminet

Took Martha to Beaminet
 Hospital yesterday

1531.3
1355.94
<u>175.36</u>
3130

Leslie Ebert

Pequot Lakes Feb 23-1942

uraltim agreed to have his land
surveyed

Gov Lat 2. Sec 4-135-29

Feb 26-1943 I uralt him I
would come as soon as I could
go thru my old records

On March 1-1943-

I uralt him again that I
would come when the weather
warmed up

Feb 26 - Thru March 3-1943

I have been platting up my
old surveys so as to rush the
work when I get there

Note:

This Lat 2 is in the name of
her mother Mrs

About two years ago I uralt
her I would survey the land
for \$50. and she wouldn't.

surveyed. Leslie did not

2

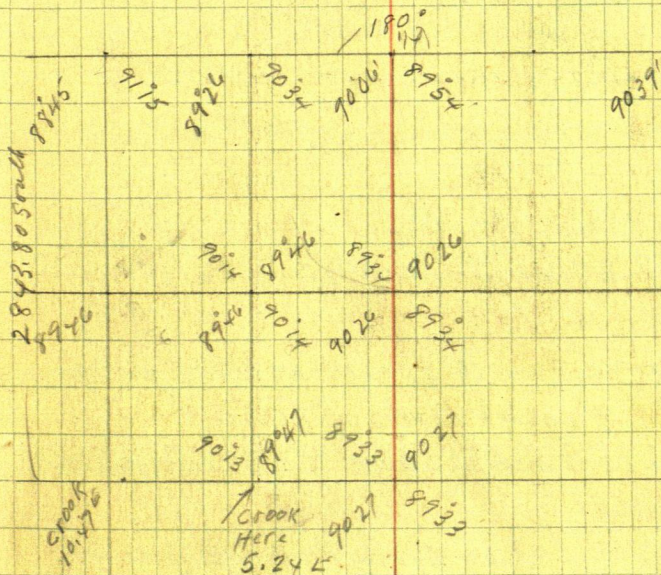
March 3-1943

Old Notes
BK 56-19109

want it surveyed
During the past 5 day I have
machine figured the stuff and
copied it into this book
North Lin East - assumed



Old Nalis



74

4

Sec 4-135-29

NE cor
X 135-29

on Random

32 sec cor
33

33 726 2738 V 27

5

4

0°22'

Random

7911.80 Ft 16.92 1/4

3

via Random

7111.84 4

Pag 110 Book 56

$$7911.8 / 50.75 = 06414469 = 0.22'$$

$$2637.27 \times 06414469 = 16.92$$

$$\times 7911.8 = 50.75$$

Old Notes Pg 105 - - -

$$0.0 = 2637.27 \text{ W Sec cor N } 16.92 \text{ Ft } \text{Laker}$$

2640 Hub

2973.4 Tack in 10" green JP stamp N side

3688 E Pagat Road N S

3781.20 Tack in oak stp then down hill

3907 Hub

4000 Stk L Ft eq Stony Brook E Bank

4001 L Bank Mayo Brook

4032 R. " " Runs So

Hi Bluffs each side

4152 R Blk " " Runs N E

4185 L same L Blk

4258.20 Hub on Point in meadow

Pt Conning the salt

5

Old Nalis 5 May 10-1917 alt 75-

Sec 4-135-29 North Random

West 4293 L Bank Run 50

4355 R Bank Climb Hi Bluff

4475 Hub

4847.40 Hub Highest Point

4885 Wire Fence NE SW

5250 Ent River meadow

5280 $\frac{1}{4}$ zone Calif

Pine 7557 E 112 Lks

E 112 N 47 E 55 "

zone

5300 Hub in River meadow

5382 Ent L Bank - Dead water ^{Run} 80

5478 Rt Bank Lr mud bottom

5535 Lr River Bottom

5821.60 Hub 6100 Hub

6188.10 Hub

6250 Ent dry swamp Green spurs

6350 on Beaver Dam N 80 E S 80 W

over very small creek 1/4 Run N
under Beaver Dam

6450 Lr Dry swamp 6549.90 Hub

6626.10 Tack W Edge green 10' J 1st

6650 Ent same swamp NE SW

6890 Cross Spring 7100 Lr Swamp 7200 Hub

7743.40 Hub in this 7911.80 Cor N 50.75

90° to Random

76

6

Old Nales

Pg 109 Book 56 May 11-1917

4-5-32-33-135-136-29 See Ten

Correction

06414469 N

Hub 2637.38 W is 0.0 W goes N 16.92 Sec 10

Figure all Hubs minus 2637.28 W

2973.4 = $\sqrt{336.12}$ W - Goes N 19.073688.0 = $\sqrt{1050.72}$ " " 23.663781.20 = $\sqrt{1143.92}$ " " " 24.253900.00 = $\sqrt{1262.72}$ " " " 25.024001 = $\sqrt{1363.72}$ Creek 25.664032 = $\sqrt{1394.72}$ 25.864152 = $\sqrt{1514.72}$ 26.634185 = $\sqrt{1547.72}$ 26.844258.20 = $\sqrt{1620.92}$ 27.314293 = $\sqrt{1655.72}$ 27.544355 = $\sqrt{1717.72}$ 27.944475 = $\sqrt{1837.72}$ 28.704847.4 = $\sqrt{2210.12}$ 31.094885 = $\sqrt{2247.72}$ Fence 31.335250 = $\sqrt{2612.72}$ 33.685300 = $\sqrt{2662.72}$ 34.005382 = $\sqrt{2744.72}$ 34.525478 = $\sqrt{2840.72}$ 35.145535 = $\sqrt{2997.72}$ 35.50

Bet 4-33-135-136-29

Gaes North

✓ 5821.60 =	3184.32 W.	37.34	
✓ 6100 =	3462.72	39.13	
✓ 6188.10 =	3550.82	39.69	
✓ 6250 =	3642.72	40.09	
✓ 6350 =	3712.72	40.73	
✓ 6450	3812.72	41.37	
✓ 6549.9 =	3912.62	42.01	
✓ 6626.10 =	3988.82	42.50	
✓ 6650 =	4012.72	42.66	
✓ 6890 =	4252.72	44.20	✓
✓ 7743.4 =	5106.12	49.67	✓
✓ 7911.84 =	5274.56	50.75	

2637.28 = 00 W Gaes N 16.92 = NE Cor Sec 4

Old Hub Mkd W

3955.92 is - 1318.64 W = E 1/16

5274.56 = 2637.28 = 1/4

6593.20 = 3955.92 = W 1/16

7911.84 = 5274.56 = Sec cor

See Old Book 56

Page 105 to 110

E 1/16 = 3955.92 gaes N 25.38

1/4 = 5274.56 " N 33.83

W 1/16 = 6593.20 " N 42.29

March 25-1943

At St Paul

2-PM Leslie Ebert pays me \$25 on acct

I promise to make his survey

Buy return ticket bus to Jenkins

3-PM Lv St Paul

Evening at Jenkins - Get my

Car and drive on to Walker

My Car stalls 200 ft from Paddock

he Lv it and sleep at home

in Paddock He

80

10

Les Ebert

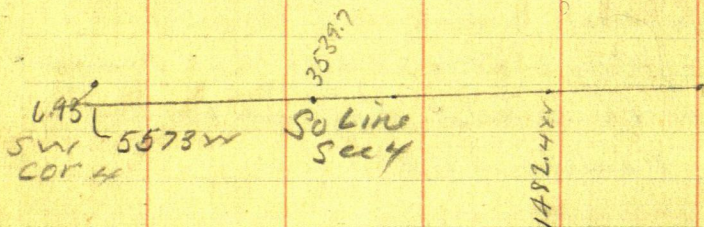
Mar 26-1943 at Ct H. Walker

Figuring

So Line Sec 4-135-29

Page 9 Book 244

" 33 This Rk 236



So Line Sec 4 Correction

 $5573 \cdot 6.98 = 0012434954$ $\times 5573 = 6.93$

3539.7 W goes N 4.40

3459.0 " 4.30

1482.4 W " 1.84 P 32 Bk 236

Work till midnight at Ct H. and
 keep on working till 3.45 in
 the morning - tomorrow

13515-

March 27-1943

3.45 AM Lv Ctho - Coffee at
Doves Restaurant Lv Car at Ctho
Walk home to Paddock Ho
Go to bed @ 5 AM
Up @ 8 - Ride up town with

Lv Ctho 90 cash Mrs Henry Ebert
ck at Backus Bank @ 25.

11 AM at Jenkins Eat dinner with
Martha and Doris

Pick up Walt Krueger^{and} Son Howard
Lv Jenkins 12-30 - stuck one hour
So of Piquet Find water too
deep on N End of Upper Gall
Drive SE Lv Car at A. Lundeen
Resort Lundeen goes pt way
with us on ice Find Ties at
Hub Page

Set nail 1.80 N to TRUE E - w line
ab flag in snow mound
walk west on ice

Hub Pg is gone

Find Tie Trees

See New RA Spike 4" below
ground

13

At Hub

P9

ch North 4.40 Sed 20' spike which
digs 4" down in road hole

No flag set

ch E 80.7 Find RR spike. old
3459.0 P9 34

punch small hole in snow drift
4.30 over which I set Bolt X
and from that 3459.0 ch

East 72.50 from ice. Then 2
full 300 ft chs = 600 to 672.5

circle in snow walk west li X.

Walt with iron rod for flag

set on TRUE E-W Line e

1/4 on ice So Line

See 4-135-29 pack XE

set 1x12" oak flag in small wet
snow mound TRUE 1/4 COR

Over which I set X

Focus West li flag at 3459.0

Swing NW angle 89'30' and run

North on TRUE E See 4-135.29

set RR spike So edge of Long

print 3-6-9 + 17.7 = 917.7 RR spike H1

6-PM back at car 5.59 + 6.00 O'Clock

84

14

Ebert Survey

March 27-1943 Sat continued

12-30 T. C. AM =

5 1/2 Hours for Walt Krueger
and his son Howard

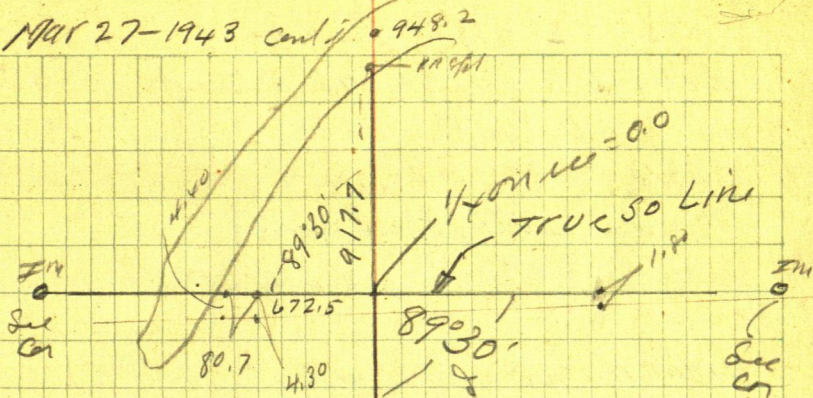
@ 60° + 30° =

Seppien with 00 + Martha

204-135-29

85

Mar 27-1943 Cont'd. 948.2



get back 1-10

old 16" wp
slut 8' H
Leans West

Sec 9
135-29

16

86 March 28-1943 Sunday

Got to bed @ 1-AM Harold's Ho
at Jenkins

Up @ 6-30

Cloudy - walk to my car at
Johnson's Shack Drive $2\frac{1}{4}$ mile
to Jenkins

Martha just getting up - I eat at
Lawson's Pick up Walt Krueger
and Son Howard 13?

8-20 Lr Jenkins - Park Car on
upper Gull - Water on ice Crust
won't hold - Put on 2 in snow
shoes and walk $\frac{1}{2}$ mile down

to over Hut 917.70 M - Pass Line
Tree 0.0 being $\frac{1}{4}$ Co on ice at
South Random & see 9-135-29.
Just for future use if any

South

$300 - 604 - 900 + 28.3 = 928.30$

to E of old 18" Pine stub at
extreme base - To where it
leaves the ground

Old 18" WP slab 8 ft H
Leans West

The only old pine stub along
the lake shore and it stands
at water's edge

Except another small 8"
stub which also stands on
lake shore about 300 ft NE

We run this line so just
for some future use and
our line cuts thro the center
of the stub at the roots

grass roots

Page 85

Water's edge - foot of hill

Walk back and from Hat
917.7 Chan

North 30.5 to 948.2

917.7

Hat RR spike

30.5

On top of ridge

948.2

Hut 917.7 is 20 ft north of
ice and hut 948.2 is 50 ft

so of ice This to 948.2

on narrow point of land NE SW

948.2 Ties

Twin Birch 8 and 8 N $10^{\circ} 20' E$

15.75 Cit is 15 ft plus .75 or .85?

W Oak 10" S $40^{\circ} 15' W$ 13.35W Oak 55 S $58^{\circ} E$ 15.35

to base of trees - spots

North on true & sec 4 - 135-29

948.2 + 51.8 = 1000 North

pin on in + 300 = 1300 + 25.76

1325.76 small wood Hut on in - $\frac{1}{16}$

in center So Half Sec 4 - 135-29

X over $\frac{1}{16}$ Focus N on true lineSwing NW angle $89^{\circ} 33' W$

Our line cuts 0.70 So of East end

of new fence 100 rods + - West

and seems to cut 0.50 So of

SW Cor Port of same new fence

on So line of Urban Tract.

Looking East our line cuts

2 $\frac{1}{2}$ ft N of what appears to be

NW Cor. of cement wall or a

wood shed on Cannons tract

about 600 feet East

North on & contd

1300-1600-1900-2200-2500-2800

pin on ice

$$2800 - 148.50 = 2651.50 \text{ N}$$

Small wood hub on ice =

center of Sec 4-135-29

X over 2651.50 N

Turn NW Angle see Page 81

and run East 3-6-9 + 70.9 =

670.9 Set Hub RR Spike 60 ft E
of shore on slope of hill near
Bob Pickett Land

Try to find Harold's old
line coming from the East

Snow too deep - will look this
up later

Note: I hope I made no
mistake in this N-S chain because
my notes kept on a loose sheet

This must have
been 2800.14 / Read

Bege 2700" N continue on ice

North 30-33- pin 50 ft N of ice
edge of marsh

$$3600 - 209 = 3391 \text{ Hub RR Spike}$$

$$\begin{array}{r} 209 \\ 3391 \end{array}$$

& main road
Set Hub on hill 150+ ft N

90 Mar 28-43 contd

From L Sec 4-135-29

Turn NW Angle - Pg 81 Run
West on line line on ice

3-6-9-12 pinon in Lath

+52. = 1252 w Hut RR spike
in sharp slope of side hill

40 ft West of ice

$1252.00 + 30.7 = 1282.7$ Hut
on top

Thro peak hole thro pine limbs
Walt sets Hut RR spike about
200 feet West and Quat C-pm

Note

I hope I did not make a
mistake in that C chain N on ice

Note Pg 89

Says 3391 N Hut in road

This may be 3491 ? we will see
later

W.O.

Talk with urban Urban

811° east to Walt Krueger and

Son Howard in fall

Martha & I to Haralds Ho

Con Johnson helps put on

I sleep at Haralds Ho

(2)

March 29-1943 Monday

Up at 7 Drive $\frac{1}{2}$ mile to Jenkins

Le Car with Doris and Martha

Catch 9-52 AM bus to St Paul
stay with I/O at 558 St Peter St

Appt Tel Carlos 1171

March 30-1943 Tues

St Paul to U of M Hospital mpls

On 12 noon Eat at Cafeteria

12-30 PM Gladys Curo Wilcox
finds me at hospital

Dr

Try my water again Glad & I
try to find place for me to stay
no . . . Back to St Paul

Glad & I with I/O

I sleep at Mary's

October 8-1943 Friday

4PM Leslie Ebert comes to Jenkins snorting for a hurry up finish of his Survey

Gov Lot 2 - Sec 4-135-29 = 591³

Acres US Survey

Pg 89

I follow him home in my car..

Find RR. spike on hill Look for Hub 3391 -

Pg 89-

Drive E-S + SW To Hub 948.2 Pg 87 Set
flag 1x1 1/4 - 6 ft tall T with cross and red
flag - Drive back - Park Car Park X on top
of Big hill Cut line N - To back to see
flag about half a mile So Hub 948.2
Pg 87 Drive to Ebert Resort Look over
map Leslie promises to work Sat
and Sunday free Car stalls Leslie
pulls to start it Keep it going

Drive to Jenkins farm

Car boiling water all out

Wait to cool off Drive 3/4 mile
to Jenkins Sleep at shack Office

94

24

Oct 9 - 1943 Sat

Drive to Pine River 8 new spark
plugs @ 65¢ = \$ 5.20 Hore and work

Back at Harolds Ho. Jenkins
while there males

25

135-29

10.47 C. 19.2 Rh 56

P9127 Rh 56

Rh 56 P9135

P989 Rh 56

4

P988

948.2

P9130 Rh 56

96

26

Oct 10-1943 Sunday

P.M. I drive to upper hall
 Pick up Leslie Ebert (Note:
 We will have dinner with Ebert
 about 3-P.M.)

Try to Locate west Line
 Gov Lat 2-See 4-135-29
 See Old Notes

Book 56-Pg 135

Of May 18-1917 Call of Ties
 NE Cor Gov Lat 3-See 4-
 135-29; viz = $\frac{1}{16}$ Cen W $\frac{1}{2}$
 Birch 45 29° 08' W 51.10 FT
 J. Pine 65 89° 35' E 66.60 "

South Ch 30 on line @ 233.5 Hat 300 stk

377.7 Top of birch then down hill

475 we are 36.00 ft West of Spring
 Trough and 28.50 West of Barrel
 in Spring" Old val. 1917

To-day Oct 10-43 Ebert and
 I try to locate the N-S Line but
 Lat 2-3-See 4-135-29 by ch
 28.5 West of E of old Barrel which
 is still here with Cement case
 around outside and heavy 6" x 3 1/2
 slab on top.

We cannot tell "true West" from the barrel - yesterday I run a compass line N to try to locate the line and we walked 80 rods & so on but can only find crooked old fences

West 28.50 from old barrel

To find "West" we walk 80 rods East to my new N-S-E run last Spring Page 79 to 91 This book

Hub 3391 Pg 89 is gone Note! I think this was 3491. we will test it

But we find Hub on Top - brink of big hill - RR spike set by me

Pg 89. Over old RR spike fence 1/2 mile to Flag at RR Spk. Hub at 948.2 Pg 87. Bake in the line and from my last spring survey 10 ft out - stake we chain N 10 ft and re-set hub this line a 1x4" ball 1 1/2" sq top. Ch road for orig Hub 3391 - which I believe is 3491 - Hub on hill we call A and B is 80 ft 80+ - E W road in curve S to 1.

98

28

π over A on hill - Focus
 So half a mile on - $S 0^{\circ} 6\frac{1}{2}' E$
 on Hub 948.2 - 1 Set Hub & road
 10 x 4 Lath mhd 10' out = Sto^0

Barrel

Barrel - Set Tomato Can full
 of sand & short flag over E
 of Barrel - Walk 80 rods E

π over $Sto A$. Focus $S 0^{\circ} 6\frac{1}{2}' E$
 Can & flag on barrel bears

$S 87^{\circ} 57' W$ SW Angle $88^{\circ} 04'$

$176^{\circ} 08'$ Pack π 100 ft down
 hill to Sto^0 & road $BS S 0^{\circ} 6\frac{1}{2}' E$

Can & flag on barrel bears

N $88^{\circ} 43' W$ - Run

N $42^{\circ} 56\frac{1}{2}' W$ 769.0 to $Sto 1$

$Sta 1$ = iron bolt 16 ft N of E
 of Co Road in curve $Sto 115$
 $3/4 \times 7$ " bolt - bulge in center +
 Ties & road 5 16 ft

West Culvert in Road 36" + -

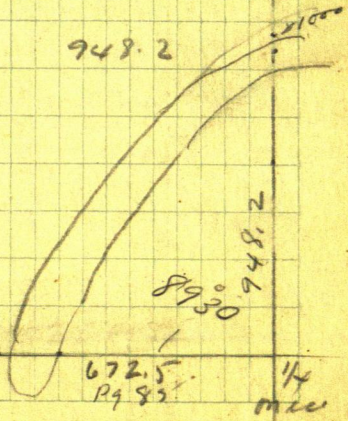
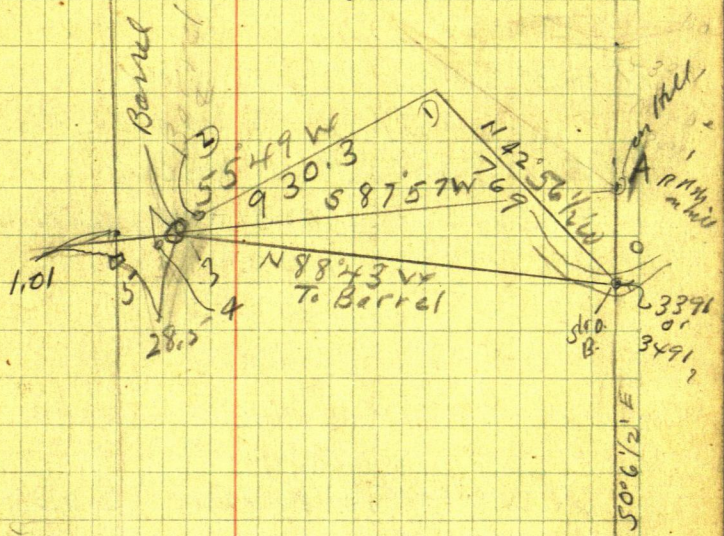
$S 75^{\circ} W$ 90 ft

11" Red Oak $S 86^{\circ} 40' E$ 22.50

Spot in N Road $S 87^{\circ} 20' E$ 22.50

" 20" Red Oak N $38^{\circ} E$ 39.0

10" Tel Pal $S 66^{\circ} E$ 3.90



π over Sta 0.

East Line Lat 2 as Meridian
N $42^{\circ}50'$ W 769 to Sta 1

π over Sta 1. BS S $42^{\circ}50'$ E
Sta 2 brs S $55^{\circ}55'$ W 930.3

" 3 = Barrel S $56^{\circ}03'$ W 951.4 7

" 4 = Sets 3.60 W of Sta 3

4 = S $56^{\circ}40'$ W 951.4

π over Sta 2 BSN $55^{\circ}49'$ E
on Sta 1 Sta 2 is Large
RR Spike 1 ft W of West wheel
head Ties

Twin White Oak 3 and 6

Use East 6" Oak S 55° W 24.7

7" NP N 44° W 18.90

At a point 28.50 West of
Barrel 90' to N S Line

Set Square iron $\frac{1}{2} \times \frac{1}{2} \times 8'$

Set Hub on Temp line

50° 6 1/2' E

101

(31)

Run over Sta 0 Meridian

ELine Lot 2 as S 0° 6 1/2' E Run

N 42° 56 1/2' W 3-6 + 169 769.0 Sta 1

BS 42° 56 1/2' E

Sta 2 Brs S 55° 49' W 930.3

Sta 3 = Barrel Brs S 55° 56' W 951.4

" 4 - 3.60 W of Barrel brs S 56° 04' W 951.7

Ties to Sg Iron Sta 5 on
Side hill

NP 6 N 9° 30' W

Y 8" Red Oak Winkbone Y
starts 5 ft up bears S 80° W
Will spot and chain this
later

Run my line N 0° 34' W
about 400 ft

@ Huber brink 1/4 x 10" iron
tube chained later
and another Hub 60± spike
200 ft further on

From 5 run S 0° 34' E about
125 ft set flag over road
on Lake shore Horn to Jenkins
later.
John W. Cline

102

32

Travel Sta 2, Ties P₇₁₀₀

Nald; When π was on big
Hill 80 Rods E

Sta 3 The Barrel and

Sta 4 (3.60 from Barrel

My line S 0° 06' E on Meridian

Passed My line

S 87° 57' W thro

1st The Barrel (Sta 3

2nd Sta 4 (3.60 from barrel

3rd Sta 5 (28.50 from Barrel

Sta 3 was S 87° 57' W

4 " S 87° 57' W

5 I set S 87° 57' W

So shall all three were
in line with Sta A on
Hill 80 rods East

The Square iron ball on
Temp N-S- $\frac{1}{16}$ line But L₁₀
2-30 beams S 87° 57' W 28.50
from Barrel

Oct 10 - ³³Contd 1943

103

Tower Sta 2 BScn Sta 1 - N 55 49 E
Sta 5 bears S 76° 27' W 48.6
Dist Bet Sta 3 & 4 is 3.60 ft
Sta 4 is 6" ball sq top

Tower 28.5 on N S - 1/10 line
BSN 87° 57' E in line with
Flag on Hill at "A" Run
N 0° 34' W P 9 81 Bk 236

Oct 11-1943 Monday

I miss my Field Book 236

This book Car sputtering

I drive to Pine Run fix

Car 385 Call Ed Rogers

Co Attorney 428 Ed has

\$50. for me % Harley Ray

Secruy

I drive back thro Jenkins
+ Peguot to Springfield
resort Look for my book
no can find

Bill

Show me where my old JP

BT was dug out

Will look this up later

Maith to Bed on morning trip

back on 9 PM Bus Doris

gives to Prainat 7-30

9-15 PM I take Marsh to
home to the farm 1 mile and
return to write up these notes

Figuring 35

N 42° 56' W 769

Sine 681147 x 769 = 523.80 West

Cor 732147 x 769 = 563.02 N

S 55° 49' W 930.3

Sine 827244 x 930.3 = 769.59 W

Cor 561843 + 930.3 = 522.68 S

From Sta 0,

Sta 1 is 563.02 N

523.80 W

522.68 S

769.59 W

40.34 N

1293.39

Sta 2 Run

S 70° 27' W 48.60

Sine 972166 x 48.6 = 47.25 W

Cor 234294 x 48.6 11.39 S

40.34 -

1293.39 W

11.39

47.25 W

28.95

1340.64

51.73

Sta 5 is 28.95 S and 1340.64 OK
Wes from Sta 0.

106

36

FIGURING

Sto 5 P₉ 105 is 3510.16 N from
 1/4 on So side of Sec 4 - 135-29

174 Sto 0 - P₉ 99 is 28.95 N of
 Sto 5 - or 3539.11 N of 1/4

My calculation 3391

148.11

So instead of chaining from "2700"
 I must have chained from 2651.50

S 76° 27' W 48.6

Sine

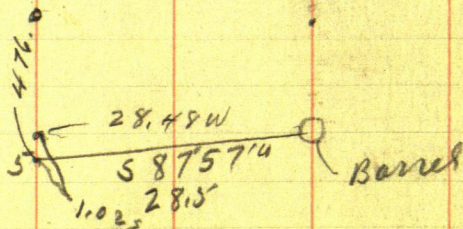
Cor

3 From Barrel To Sto 5

S 87° 57' W 28.5

Sine $999360 \times 28.50 = 28.48 W$

Cor $035772 \times 28.50 = 1.025$

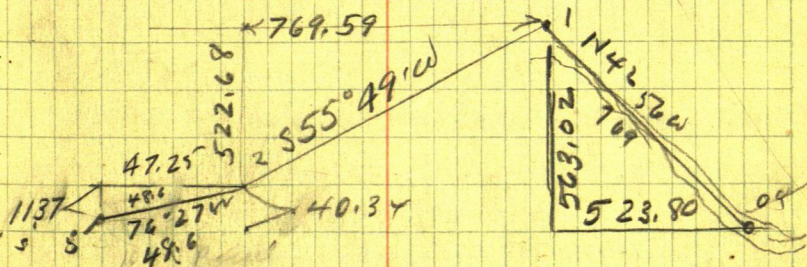


Oct 17 - 1943 Sunday

10.45 AM at Serkhin

Figuring See Pg 99

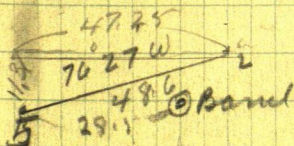
S 160 N 42° 56' W 769

Sine $681147 \times 769 = 523.80$ WCor $732147 \times 769 = 563.02$ N

S 55° 49' W 930.30

Sine $827244 \times 930.3 = 769.59$ WCor $561843 \times 930.3 = 522.68$ S

• 1/16 old Nales

523.80 W
769.59

S 76° 27' W 48.6

Sine $972166 \times 48.6 = 47.25$ WCor $234294 \times 48.6 = 11.39$ S

108

38

Oct 17-43
cont'd
$$\begin{array}{r} 3986.16 \text{ N.} \\ - 3978.00 \text{ N.} \\ \hline 8.16 \end{array}$$
3986.16
N

1/16

476

424.27
51.73

1340.64

 Road
 $0'' \text{ is } 3561.89 \text{ N}$
 Should be?

7.81

 $589^{\circ} 40' 15''$
 1336.74
 1981

$$\text{Tang } 0^{\circ} 20' = 005818 \times 1340.64 = 7.81$$

See Page 81

Sta 5 is 3510.16 N

$$\begin{array}{r} 51.73 \\ 0' \text{ is } 3561.89 \end{array}$$

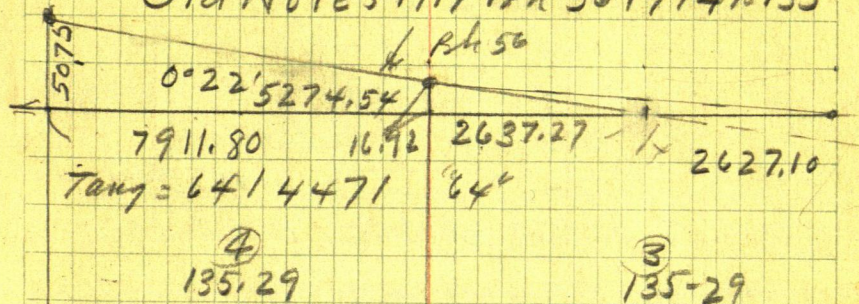
Can't tell - will have to run it
again

Oct 19-1943

Figuring

To Cut N. line Sec 4-135-29

Old Notes 1917 Rk 56 P 94 to 135

④
135-29③
135-29

If the iron pipe at the NW Cor
Sec 3-15 where I located it in
1917 Here is how to set over it
and hit the NW Cor Sec 4

1st work π on line bet NE & NW
Cor Sec 3 and set flag on line

2nd Pack π w set over π
at NW Cor 3. BSE on flag

Turn $0^{\circ}11'R$ and run

West 5274.54 + - to NW Cor 4

Jahnu Euro

I will buy it tomorrow?

Les Ebert

Oct 21-1943 - Noon

Pickup Boyd Bryant and W
Jenkins. Stop at Sink Hole
Set flag @ 1st m Cor T.

2-3-34-35-135-136-29

pg 5th Thendine 1 mile west
T. Cor 3-4-33-34-135-136-29

Ties on Page 56 This Book 236

We chain in and dig up the
2" iron pipe Ebert and I dug
up Oct 12-1943.

To-day with a flag at NE and
no Cors of Sec 3-135-29 we drive
half a mile East to top of hill

Work Buff X on line Set large
RR spike on line line out Corn
Near ~~to~~ 1/4 Cor bet 3-4-34

Note: I think it may be 75. 50 ft
or so East of the 1/4 Cor as it
may be 300 ft either way

Ties to RR spike 5 ft N of sec corner

6" Red Oak N 40° 10' E 47.25

15" W.P. N 34° 35' W 62.30

6" W Oak S 52° 22' W 74.75

9" JPS 22° 50' E 49.00

476.0

330.2

145.8

(41)

239.2

91

330.2

239.2

91

330.2

111

Turned from E-W Line
Drive Large RR spike and
Set flag Spike driven 3 inches
down and 6 ft N of E-W

Drive $\frac{1}{2}$ mile West - π over 2"

pipe @ or to 3-4-33-34-135-136

R 29 Take Course to old BTS P 56

8" JPN $68^{\circ}35'E$ 122.90

12" JPN Now Stump N $25^{\circ}10'W$ 81.65

9" JPS $32^{\circ}54'E$ 93.40

S $15^{\circ}W$ 40 ft Set $1 \times 9"$ Pipe West
edge road Shoulder

Drive 20' spike in old spot
at base of NW stump

Road N about $0^{\circ}35'W$

Drive SW Meet Orley Bud Miller

Caretaker for W.O. Urbair Drive N to

Bill Sutzer Resort Pack π N over Hub

Find Les Ebert and his "cook"

Cutting dry line From Sta 5 Pp 99⁰¹

North @ 91. Hub on Brink $\frac{1}{4} \times 10"$ road

91 + 239.2 = 330.2 Hub under π

Hub = 20' spike + 145.8 = 476.0 Hub

See Pp 96

112

L E S E bart 42

North on W^{1/2} Line sec 4-135-29 @ 300 ft

530.3 Hat 20 ft high 2 ft N

of 2 wire E-W crooked fence
and 15 ft N of field 600 ft

Quit @ 6 PM Pay Bryant 1.80 in full

@ 30¢ 6 Hours $600 + 112.6 = 712.6$ Hat

Oct 22- PM. Got North Newton
and put in 2 hours on Hazel-
wood Park for MUBaker
See Field Book

Oct 23-1943 Sat Rec Ch^{\$50}
from Emma B. Urban of Peoria
Ill. Retainer See Field Bk

9 AM Contact Nort Newton
and tell him his line will
start @ 9-am. @ 30¢ Not working
for me - His father went Newton
understands that Nort is
Not working for me but is
really paying me as his
instructor to teach him
surveys

We drive to res of John
Schultz the father of half
a dozen boys who say they
will cut the lines if I do the
engineer work - John is not
home - lives on NE NE 3-
135-29 - owns the 80 north of
him E 1/2 SE 1/4 Sec 33-136-29
Bat it from Ed Roesgreen
who cut the timber?

Les Ebert--John Schultz

114

Oct 23-1943 continued

This is the time war running
should Ht. be correct

135-29



Edward "Hiney" Schultz 20

Charles " 15

Robert " 137

From NE Cor Sec 4-135-29

Norbert Newton all ch

Perfect PB-300' ch Buff & Dbl cen

All Hubs 20' spikes

West

$200 + 200 + 300 = 700$ mark top

Wire E W fence blue chalk

775.8 Hub E Slope $700 + 3 = 1000$ pm
 $+ 138.6 = 1138.6$ Ht on top $1000 +$

$3 = 1300 - 135.1 = 1164.9$ Hub

1300 stk $+ 20 = 1320$ slope W Slope

$1300 + 150 = 1450$ pin over Bush

$1450 - 84.0 = 1366$. Left Bank

L Bk runs South dies also N 30 ft.

NW 30' West 20 ft

at $1450 - 55 = 1395$

Low R. Bank - filled in sand
 Bank runs South also lies NW 25
 then west 25 : $1450 - 45 = 1405$
 Old Orig bank R. Bank runs SE 15
 then so lies also NW 25 ft then West
 Creek bottom 20 ft wide on the N
 of my line - filled in by wash

Scattering (4) elm 3 to 5" some
 alder brush $1450 + 20.7 =$

1470.70 Hub under π

R Bank of Creek lies 40 ft N
 of $1450 + 1470.70$

Ties To 1470.70

9' Ash N $74^{\circ}55'E$ 24.27

7" " S $18^{\circ}05'E$ 20.53

crooked fence 4 ft to

$1450 + 61. = 1511$ R Bank

Mayo Brook runs NE

1 ft deep swift current

"Never goes dry"

Mouth of "Little Stream"

4 ft wide Coming from the
 North bears N $11^{\circ}E$ about 70 ft

$1450 + 90 = 1540$ E^R Bank

$1450 + 151.4 = 1601.4$ Stake

$2\frac{1}{2} \times 3'$ on flat bottom one

116

40

Hut 1601. 4. = 19 slips (57 ft)
 North of L. Bank. 1450 + 247
 1697. L. Bank 1450 + 286.2

= 1736.2 Stake over Mayo Branch

6 ft West of R. Bank Then up 40 ft

steep Hill (1730 R Blk)

1736.2 + 103.8 = 1840.00

Hut 20th spike in N Half of a
 7" green SPine Slump

On top 40 foot Hill

----- ft west of Hut 2 x 24"

Hut under X on East Slope

Out at 6 PM

Note: The Schultz boys are
 dam good men -- Climb trees

Cut limbs - use their boat
 + so on Robert brings the
 boat back down stream. we

pack outfit over creek via boat
 below Schultz's ho - Put walrus

in car 6:30 Note - wake our
 lunch near Schultz's ho at noon

At Jenkins I give North
 83 for today. Sleep at shack

Oct 24-1943 Sunday

See Book 56 Page 107 for us 1/2
and Page 109 for NW Cor Sec 4 Old Nalis
of May 11-1917 also Pg 110 - Pk 56

Norb comes about 8 - works
an hour for Mary Hill - we LV
Jenkins about 9 am

Call on John Schultz - he and
Hiney go with us 10-40

we cross Mayo Brook in boat

π over Hub in slump 1840

Ties

JP 9 N 62° W 12.65 + 50 =

.. 10 S 26° 53' W 11.43 + 50 =

1840 continue West 3 = 2140 stake

+ 41.7 = 2181 π Ties

JP 12 N 65° 15' E 29.00

JP 14 S 26° 30' W 22.35

West 2181 + 203.3 = 2384.3

Hub on west Bank Ter

Red Oak 10 N 71° 10' W 26.85

JP 9 S 32° 50' W 21.60

Then down big hill

1-30 PM eat dinner with
Shelly

118 PM

48

32-30 PM. Shatt's gaug 6 PM
Rine - Honey - Norband I walk
Honey takes boat across SW & NW.

2-45 Norband I change down the

Went $2384.3 + 300 = 2684.3$

- $183.2 = 2201.10$ N Edge

green 11 in J P stump ^(0.15 So of line 20 ft 13 ft)

$2684.3 - 84.3 = 2600$ stake

foot of Hill Enter river bottom

NW SE $2684.3 - 47.03 =$

2637.27 stake in meadow

$2684.3 - 44.3 =$

2640 stake in meadow

2685 to 2700 enter

Spring Brook

Dead water Flow so

2201.1 Nail 20 ft up 0.15

So of line N Edge 11" str

Note: At Hub 3248.3 vx

My old line P. 1917 Bk 56

Ties so about 35 ft and an
old E fence S 59 ft

Oct 24-1943 cont'd

From 2040-W. Ch W 300 ft
Stake over Spring Brook
via boat to 2940 Stake

62 ft west of W Bank brook and
70 ft west of water

2940. $+91.2 = 3031.2$ Hub on
side Hill 25 ft west of Brook bottom

Ties W Oak $78^{\circ}58'25''E$ 19.70

Cluster 4 White Birch trees 6" 6" 9"

+ 7" all joined at base use SW 7"

Birch $N 33^{\circ}20'E$ 14.55 ft

Then up small Hill 3031.2 ft

+ 58.1 = 3089.30 Hub on top

Ties JP 7 $N 30^{\circ}30'E$ 20.40 20.40

20" Balsam $S 17.75^{\circ}W$ $548^{\circ}55'W$

Cluster W hill Birch 7" 8" 9"

~~Use SW 8"~~ $N 29^{\circ}45'W$ 14.60

To Center of Clump

6-20 Guit

9 Hours @ 30 - pay work 2.75 in full for today

October 29 1943 Saturday
All AM in Jenkins P.M.

2-p.m. Pick up John Schultz and
his son Robert 13 Drive 6 Les
Ebert. Lu Cor Pack outfit 90 rods
N. to 2-20 P.M. Rover 3089.30
Take Course 1; thru BTS. Pg 119
"Honey" Schultz walks via
cut line - a. 2-40 John goes
over in boat Brings him and
Weston random 2 So

4-135-29-

3089.30 + 10.7 = 3100 Stake
3100 over draw 300 to 3400
slab + 70.6 = 3470.6
Hub under π on Point
of land from the North
Nab. From 3089.30 to
3470.6 Heavy spruce
Swamp 100 ft South
 π @ 3470.6 at 75 ft
ahead line cuts 2" into
N side 15" J.P.

51

Ties to 3470.6 = 20' spike
 NP 14' N 66' 20' E 13.25

NP 16 S 28' 20' E 19.50

All ties taken to spot at base

All have another spot about 3' up

3470.6 Turn

3470.6 + 29.4 = 3500 Stake

3700

3470.6

0.26' R Tang = 007563

3470.6

3470.6 Turn 0.26' R

3500 stake

3800 - 160 = 3640 foot of hill

Enter spur deep run on line

3800 - 100 = 3700 Stake Hub

in Swamp 2800 stake on line

3800 - 27 = 3773 Creek 1 ft

wid. 1 ft deep swift Current
 runs N 10° W 25 ft to top of Creek
 from west

3800 Pin in sap + 149.7

= 3949.7 Hub under T

122

(52)

3860 Lu Swamp v a s e
ent ply land from the So

3949.7 Hub made T LV
pt ent same Swamp NE
sw Ponty and 10 ft W

Quil 6-15 PM Dark - Supper
with Martha & Doris - Dr Slocum
calls on Maicha's sick pig

Figure Correction -

$0^{\circ} 26' R$ Tang = 007563. So ✓

✓ $3700 - 3470.6 = 229.4 \times 7 = 1.735$ ✓

$3800 - 3470.6 = 329.4 \times 7 = 2.495$ ✓

$3949.7 - 3470.6 = 479.1$ guess 3.62 ✓

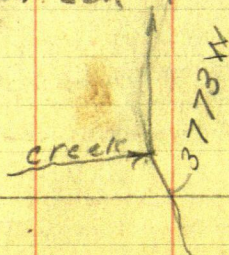
$3949.7 + 50.3 = 4000.0$ ✓ 5th

Ties to 3949.7 W

11" Balsom N 33° E 8.30

18" NPS 6340 E 10.70

4 P 9121 - Creek 1



(53)

$$\begin{array}{r} 1000.0 \\ 948.2 \\ \hline 51.8 \end{array}$$

123

Feb 2-1944

Harold Curo and John W Curo
pick up Harry Knutson and at
Gull Lake 1.05 PM. Harold
sets Buff & Berger T on ice
worked on line bet my two old
RR spike Hubs

Re-chain P_g 99-85 7 hrs back

From Hub 948.2 P_g 87 ch

North on E sec 4-135-29

@ 51.8 set pin 1000 N-1300-1600

$$1900-2200-2500 \text{ pin} + 151.52 = 2651.52$$

= Center Sec 4 -

On ice TOW ~~26~~ 2651.52 135.50° 06 1/2° E

Run S 89° 40' E Page 81.

@ 226.80 spike 60 d on point

@ 300 pin on ice + 277 = 577.

set 60 d spike 1.52 N of I.H.

Run

N 89° 40' W on ice @ 300 pin 600 pin

900 pin 1200 pin + 152.47 = 1352.47

Hub 60 d spike on ice 1500 pin

1550 L v ice

Les Ebert

55

Urban

125

Feb 2-1944 continued

Meet Bill Sorenson care taker who gives
me Bill Sutzer's address as 1228 Garbin
Place Louisville Kentucky

I may write Sutzer to let me survey
his place

Quit at 6-15 PM

1.05 to 6.15 = 5 Hours 10 minutes @ 60¢

\$3.10 due Harry Knutson

Herald and I dinner and supper with
Mary Hill @ 40¢ \$1.60 pd.

Sleep at shack in Jenkins

John W. C. no

126

Urban Survey

Feb 3-1944

up at 6-30 Weather mild almost no snow
 7-20 Herald in my car drives $3\frac{1}{4}$
 mil to get Doris to Postoffice

Martha and Joe go to Bed
 on Bus 80° to Mary Hill
 breakfast for Herald and I

Pick up Harry Knudson
 at 10.10 AM From Hat

West 1618.10 continue N $89^{\circ}40'W$

143.30

1731.4 Cor port old fence

S₀ 3 ft 1618.10 +

1373 + = 1755.5 Hat

Co Road

West 1618.10 + 162.7 = 1780.80
 in 2

Hat 60 d spike West side

Co Road 1618.10 + 287.5 =
 287.50

1905.60

1905.60

Hat under T

1755.50 Hat & (Prood)

T over 1905.60 Tier

JPLN $62^{\circ}E 63.10' = 5.05$

ROCK $12S 30^{\circ}10'E 16.75$
 $29^{\circ}30'$

25 ft SW of SECOR field

127

$$1905.60 + 248.5 = 2154.10$$

Hub under π 6 ft to and 20 ft
W of SW cor open field Ties

$$5'' \text{ N P. } 30' 15'' \text{ W } 30.40$$

305

280

585

$$11'' \text{ N P. } 518' 42'' \text{ E } 22.75$$

$$\text{Continue } N 89' 40'' \text{ W } 302.7 \text{ to } 2456.80 \text{ Hat}$$

Walk West to Meet Orley Miller
core lakes for Bill Urban Drive
8 miles to Pequot Dinner with
her \$150. no good dinner
West on 2nd P.M.

$$\pi \text{ over } 2456.80 \text{ at } 173.9$$

$$2630.2 \text{ Hat } 60' \text{ spike } + 75.9$$

$$75.9$$

$$2706.1$$

$$\text{At } 2706.1 \text{ ft.}$$

1/4 RR spike bet Sec 4-5-135-29

Set to 0.30 See Page 81

Plenty of my old ties to 1/2

See Book Pg

Run South on my old

random @ 280.0 To my old P17

$$\text{spike under } \pi + 305.00 = 585.00$$

See Old Chain Bk 240 Pg 81

128

585.10
406
625.70

Co Road

π over Hut 1755.5 $\&$ Rd
Sta 1. P9126 BS S89°40'E
 $\&$ Road N 32° E 110 a
N 34° E 400 about

also

S 33°15'W 200 Run
Sta 1 Run S 38°16'W @ 310
 $\&$ Road 382.5 = Sta 2,
 π over Sta 2 BS N 38°16' $\&$ Run
 $\&$ Road N 46° W 21.0
 $\&$ Road S 71° W 136.
Run S 66° 17' W @ 335 $\&$
@ 470 $\&$ 12' so @ 600 ft
@ 710 $\&$ 15' So L
600 + 197.9 $\&$ 797.7 $\&$ Road
40.6 So of Hut 625.70 +
So of $\frac{1}{4}$ Cor

Lake Shore

We drive on π over
Random Hut 1352.5
BS S89°40'E Point of
land on W Shore bear
S 37°20'W 412 To 500 point
Run S 25°07'W To option
in

To a point 82 ft E shore at
 197.7
 shore at E end of Urban fence
 BS N $25^{\circ}07'E$ Fence run
 $N 89^{\circ}47'W$ about

Shore line $S 5^{\circ}20'W$ 160

$S 17^{\circ}25'E$ 310 Run $S 32^{\circ}37'E$

$300 \ 287.5 = 587.5 = Sta 3$

Turn 3 BS N $32^{\circ}37'W$

Low Point line N $40^{\circ}W$ 18 ft

" Shore $S 75^{\circ}W$ 25

" " $S 62^{\circ}W$ 142

" " $S 56^{\circ}W$ 173

" " $S 60^{\circ}20'W$ 290

Cut rails 50' L

" Shore $S 47^{\circ}W$ 480 to 530

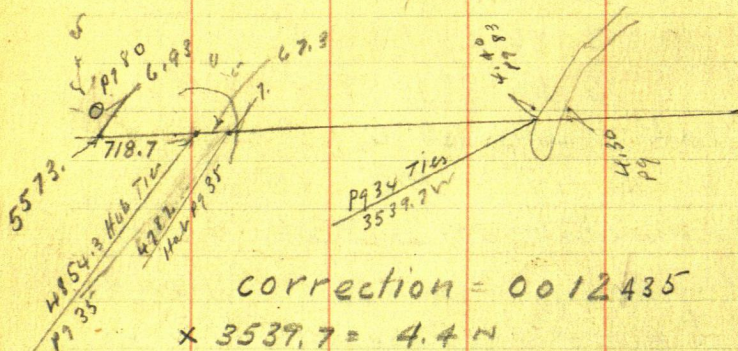
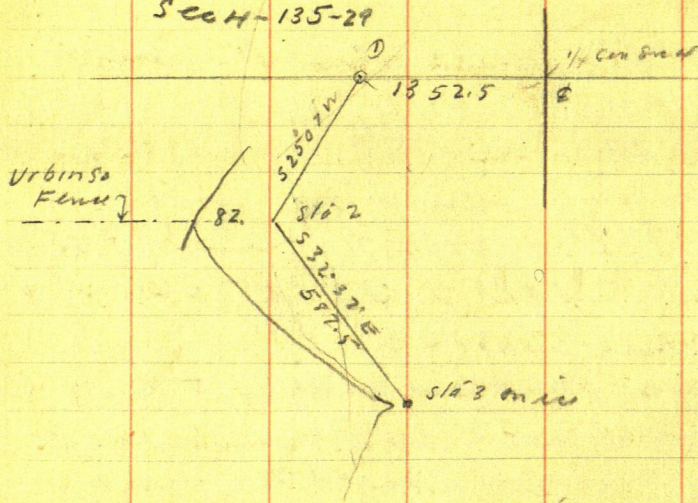
Cut rails and ice 75 L

Look up and find my old So line Sec
 4-135-29 and I m 2" pipe Sec 60-4-5-8-9.

Quit 6.45 and eat supper with Mary Hill
 sleep at office at Lehigh 10-10 AM to 6.45 PM
 one hour out for dinner - 7.45 PM. @ 60¢ =

\$4.55 for Harry Knutson

See 4-135-29



correction = 0012435

$$\times 3539,7 = 4.4 \text{ N}$$
$$0012435 \times 4782 = 5.95 \text{ N}$$

48543 = 6.04

$$5573.0 = 6.92$$

Feb 4-1944

Breakfast with Mary 80' Quind
ax is with

Pick up Harry - Lunch at Paguat 40°

At 11.45 Tower 3 on ice BS

N 32° 37' W Runpla 1 bears N 9° 31' E

Run S 40° 10' W 600 - 8 = 520 84.4

Tower 4 BSN 40° 10' E Run

S 84° 21' W @ 35 LV in Enter open

Swamp 80 To 100 solid land

20' R @ 200 Foot 50' R

@ 300 solid Land 40' R

T still at pla 4 BSN 40° 10' E

Run new line over open marsh

S 81° 25' W

Take Edge of ice x Marsh

S 60 W 95

S 21° W @ 285 LV in ent-marsh

@ 367 Hit N side Island

75 ft N E of sharp point

South 11° W. 380 where End
of swamp meets N side of Island

S 4° 40' E 462 To Top of Rat Ho

on sharp point Low land runs

SW 50 ft to "Island" Nale-

Cross E W Line @ 434

132 π E $81^{\circ}25'W$ on new line
300 ft in front 400 to 450
foot of hill lies 40' R.
@ 550 foot of hill 75 R 600 ft
634 Hat Sta 5.

π over Sta 5 B N $81^{\circ}25'E$
No 1: From 600 a strip of Low Land
Covered with ash timber
runs NW about 250 ft
foot of big hill, π at Sta 5
Point of 2nd Island lies
N $62^{\circ}W$ about 100 ft. Foot of big hill
about 200 ft

E edge of 2nd Island W at 10 ft
" " Island South 100
Come in creek of big hills
lies North about 400.

From SW Corner of
North @ $180^{\circ}W$ Cor Island

No 2, is 90' R
@ 25 - 10' R

@ 300 20' R Then NE

@ 350 N a narrow strip 100 ft
wide lies NE The first 50 ft
is swampy

North @ 460 foot of big hill
NE SW

Sec 4-135-29 - W. Urban Survey

Nat'l from sec cor to pt 4601x
urd swamp ex linc SW

500 and more - Cant see the end

From SW cor Sec 4-135-29

E on line @ 180 SW cor

Island N° 2 sea 10' L

Big swamp so 600+-

@ 230 E SE cor Island N° 2 10' L

@ 250 E in line with side

Island runs NW

@ 300 Low land ex linc

NW + N. 100 to 150

@ 310 E end of open swamp

@ 570 E W side Island N° 1

runs N 20° E 100 ft - then SW 40'

also S 20° W 75 ft - then E by

600 pin on Island N° 1

@ 640 E Island run S 100

718.5 RR spike MK 4854.3

At 4854.3 Ch N 6104

1700 ft high

TIES TO TRUE LINE @
 4854.3V Two 4' x 4"
 sprouts growing out of a
 30' Elm So sprout
 N 79° W 40.4

10" Birch N 7° 16' E 29.7
 Ark 4 Old Pt S 14° 18' E 8.15

Island N-1.

East 25// N 35//
 S 47° E 100. S 25° E 125
 S 13° E 125. S 12° W 65//
 S 33° W 150

Set 1" pipe 46" long
 sticks up 1. ft

Quit at 4-30 PM and eat supper
 at Mary Hills 40° - Harold Lakes
 Mattie home and eats with her

Ernest Guthrie from Washkish
 eats with Carl Ryan and I. He tries to
 telephone Mrs Martha Wrensch at Lion
 Lake but she has gone and he takes the
 bus 8-37 PM back to Bernidge

Ernest says lots of survey work at
 Washkish and M. D. Stoner is too old to
 do it.

John W. Cunn

Feb 5-1944 -

Martha has sold her lot to Carl Ryan
and they are to move the office 25 ft
N. to next lot

Better write D.V. Tostenson Electrician
Hallandale Minn who has got lot to
survey @ \$300 or \$350 to plat

Mr Chet Sinclair of Hayward Minn
Wholesale Vegetable dealer and D.V. day
a farmer was with us at Symphony
Rehearsal about Jan 27-1944

Trailer at Pine River at Mayn Skinner
restored by Harold Olson Verdie Olson
his brother a lunch office back of P.R.
drug store Jan 31-1944

Mr E.O. Olson of Worthington Minn
bat 1 1/2 Sections West side Little Boy Lake
he got \$450,000. for his string of
Creameries and wants Ryan to buy lot 2
See 15-140-28 Might be a survey job

9-30 Breakfast with Mary till 80° for 2
Bad storm - may get some small snow drifts
I must Hurry! Page 127 Bk 236-Pg 81-Bk 240

136

Mn W O Urban

Feb 5-44 cont'd Old Nales Bk 240

1/4 bet 4-5-135-29 So on Random

280. 585 RR spike 627 about E Co Road, 1800.40

W. Oak 61 N 57° 56' W 27.49

RR spike R 145.56 45 W 48.10

So Cont'd @ 2000 foot Hill, NE SW - 2181.5 RR spike

E W 1/2 14" green Pop stump 2185 stake Ent

Soft Swamp NE SW 2651.80 Hub All Hubs RR spike

At 2651.8 So on 4-5-8-9-135-29 sec N 79° 11' E 19.20

At 2648.20 So on sec E 19.7 Pg 85 Bk 240

007004 E Correction Pg 85 Bk 240

280 As goes E 1.99 1800.40 E 12.72

585 " " 4.17

2181.5 E 15.41

old
Nales

2648.2 E 19.70

1324.10 E 9.43 = 5' 10" IM

We will count this

Spring Barrel Pg 99-100-101- Slo 5

Pg 99 Barrel Slo 5 = Slo 0 Run N 0° 34' W up Hill

Pg 101
Sg Iron = Slo 0 Run N 0° 34' W @

N Nales: We do not work here but go

to Nisawa on Hazelwood Park Sec Bk 251

Baker

138

Feb 6-1944

768.7

81.6

850.3

We extend W. 1/16 line 20 min

and intersect our random line 1333.82 W. from
 temp center of Sec 4-135-29 = 18.65 E of.
 Hub marked 1352.47 W. T over IP focus E
 S 89° 40' E

Harold and I intersect our East
 and West random center line of
 Sec 4-135-29 with our N-S-West
 1/16 random line at a point
 1333.82 feet West from our Temporary
 Center and from 1333.82 West we chain
 North N 0° 34' W run on ice
 300-600 p.m. on ice 712.80 small wood
 hub on ice: 743 Low bank 2 ft hi
 Lake runs about N 45° E

@ 765.2 my old tall stake Leaven
 B. Line clips west edge of stake 1 ft
 above ground. Stake is 1 x 2 x 6 ft

Tie At 768.7 Hub - 60° nail in so shoulder
 of road Tie 9" tall pole about S 20° E 9.50
 10" art. N about 70° E 18.6 2 ft up

@ 804 N Hit foot of big hill, west
 edge of grad of road. Road 2 is 10" from
 foot of big hill. Then from Slo. = Slo A
 "Old Slo 5" we plant 20 down big hill
 81.6 To 60° spike at 768.7 N = 850.3 S 9 1/2 x 1/2
 76.82

Figuring 768.7 941.3 OK 850.3
 June 14-1944 239.2 1089.5 850.3
 1180.5 339.2 OK.
 1180.5 139

Sla "B" 91.11 = 941.3 N on brnch of light hill
 NE SW + 239.2 To 7180.3 E Hatched 330.2 N
 = Sla P, P9137 This for the Ebert Tract
 Then

For Urban Tract We drive west. From
 1/4 Corbet Sec 4-5-135-29
 South Correction =

Page 136

So 280. goes E 1.99

585 " E 4.17

1800.4 " E 12.72

we find this all
 all corrected

Correction

7634151 W: 0'26'

135-29

June 16-1944
 Hatched 2d
 at Ho
 Figuring

Figuring

June 16-1944
 Hatched 2d
 at Ho

5 4 21.71
 1318.02
 2843.8
 1325.78
 5492.0
 2648.2
 5 4
 8 9

0'26' = 7634151

10.47

10.14

0'14' 003953628

140

June 8-1944

Working for Les Ebert

See 4-135-129 Lr Walker

Dinner at Jenkins with Mary Hill 50¢
pick up John Schultz and his son
Charles 16+ @ 1.50 PM on π over
Hub Marked 712.6 N Page 138-

Continue my 1 year old π line

North on Random West 116-4-135-29

John cuts brush - Charles & Ann Ch 300 ps

perfect chain Dbl cen hubr 60° nails

@ 300 = 1012.6 Hub + 21.8 = 1034.4 Hub under π

+ 36 = 1070.4 + 300 = 1370.4 pin + 54.2 =

1424.6 pin + 218.2 = 1642.8 + 240.0

1884.4 Hub + 123.1 = 2007.5 P9 144

intersect E-W random 46.90 West
from old Hub 3949.7 P9 (122)

= 3996.6 @ 2007.5 N 2 p 3996.6 W

Set 1x1x16" stake on line random W
 π over 3949.7 BSE on old Hub P9

Set blue pocket line west

From 3996.6 Ch West 300 - to 4296.6

Stake in swamp - 6.45 back at Schultz

as dirt Maccha

Charles 5 @ 50¢ \$2.50

John @ 65¢ \$3.25

\$5.75

So Line 136-29-

Schulze-Ebert

141

N Line Sec 4-135-29

Son (9-1944) L. Harold H. Jenkins Coffee
with Ed Rongreen Pegmat. in

Schulze 9-40 Drive W-N+E L. ca 10 AM
Walk E. Walk on line and from 4296.6
Went 140. To 4436.6 stake 25' W of wire
fence and 50 ft W of Swamp. N E SW
4436.6 + 45.7 = 4482.3 Hub 60' d
spike in N edge 8" dry oak stump to
+ 22.5 = 4504.8 Hub on E slope under the
Tree to 4504.8

Red Oak 10 N 33° 50' E 13.8

NP 12 N 62° 30' W 29.35

+ 300 = 4804.8 + 78.4 = 4883.2

Hub + 239.0 = 5122.2 Hub on top

John Charles and Jack Curo
Walk half a mile west to Car

2-10 PM. Eating dinner at Schulze
res PM. 500' 3,05 back at T

on Hub 5122.2 Tree Veg

10" W. Buck N 31° 25' E 20.80

8" Oak S 60° 30' E 37.2 at one

Continue Walk See Pg 110 13k56

Chain West 35.2 to 5157.4 Hub RR

spike on West slope + 100.5 = 5257.9 Hub

Working For June 9-1944
142 Schultze
No pay Continued

Town To 5157.4

10" Oak N 87° E 51.40

7" " S 34° 45' E 15.45

Town 5257.9 Corner To Seal

4-5-32-33-135-136 K 929 bear

S 49° 25' W 25.25

Set 1 1/2 x 3 ft 7 inch pipe thro
remainder of old stake - only a
shell of the top left set May 11-1917

June 9-1944 = 27 years and more

See Page 110-Book 56

Town In 135 N 49° 25' E on flat set 125 ft away

Hallett's old BTS. Old 17" NP Now 24"

N 7° 26' E 16.82 ft old back

Hallett's old 15" NP Now 20" N 21° W

9.70 Overgrown

Hallett's old Dry 14" slab N 26° E 13.83

Turned from Raulon line as E

Only small change in meridian

I take New BTS

7" Oak N 48° 38' E 39.0

8" " N 48° W 68.40

10" Crooked Oak S 55° 18' W 68.0

14" Oak S 68° 50' E 59.65

For air? Supper sleep at Jenkins
No pay For 5 hours & 20 min

Work for Ebert

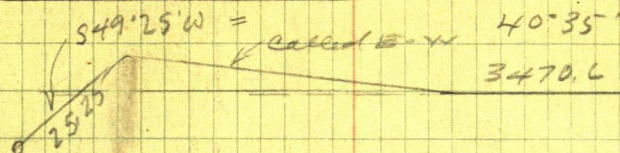
June 10-1944

H-135-29

143

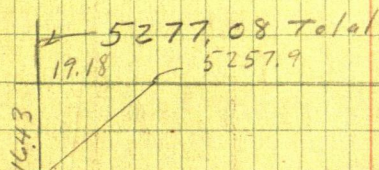
At Harold's Log Had Jenkins Figuring

Page 122-121- 25.25

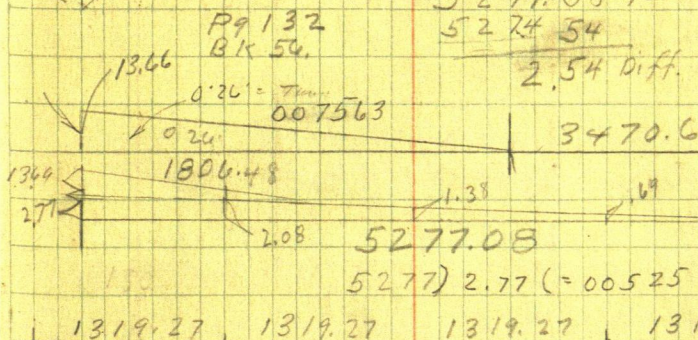


S Spine $650553 \times 25.25 = 16.43$ S

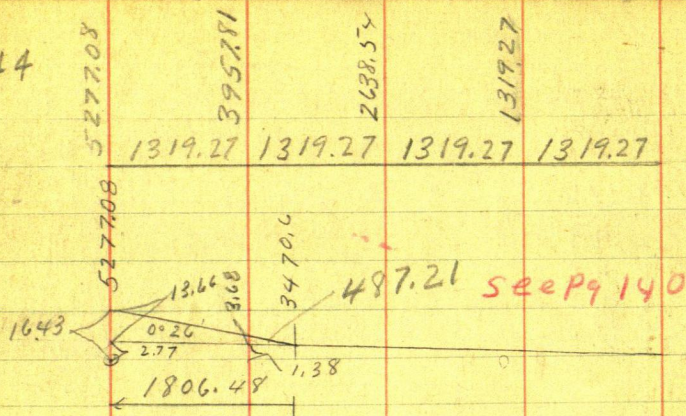
W Cr $759461 \times 25.25 = 19.18$ W



5277.08 Today
5274.54
2.54 Diff.



144



$$\text{Tang } 007563 \times 1806.48 =$$

$$007563 \times 487.21 =$$

Correcting Page 114

775.8 W. Goes S

1138.6 " " "

1164.9 " " "

E 1/4 1319.27 "

1470.70 "

1601.4 "

1840.0 "

2181.0 "

2384.3 "

1/4 2638.54 "

$$2637.27 \text{ given } \times 1.27 \text{ and } 1.38 = 1/4 \text{ Cor}$$

$$1.27$$

Ebert

p412²

145

June 10-1944 Figuring BSPDQ

3031.2 W from S

3089.3 " "

3470.6 " " Correction

w 3949.7 Goes West on random 8.11 to

to 3957.81 Then So $3.68 + 1.38 = 5.06$

True W 1/16 Cor

Finish Figuring and eat dinner with
Mr. Mel-Roy and and — PMAbout 1 PM pick up Schultz + Son
Now working for Ebert since he wants
to cover again again set flag on Corn
RR spike and then Page 83-88-123-124Tower 3557.4 BS on flag so our station
North on Random Q. Den 4-135-29

Ties to 3557.4

4" Red Oak N 40°25'E 12.45 Ft Spat at 6m

8" " " N 5°30'E 50.65 Ap at base

4 1/2" " " N 24°15'W 16.65 Ap at 3' up

3557.4 Ch N 214.50 to 3771.90 Ht

RR spike tower $3771.9 + 266.9 = 4037.8$

Ht RR spike N slope all this 4037.5

+ 258.5 = 4296.0 Ht under T

 $4037.5 + 277 = 4314.5$ Spike Wt & 10' pop up

Quit at 5 PM Supper at Schultz 5:00 PM

4 @ 50 5 2.00 784.60
4 @ 50 5 2.00

146 June 11 - 1944 Sunday
At Harold's Log Ho Jenkins
Rained last night Heavy Thunder
still wet all am no work
P.M.

Cloudy - wet - Dinner with Mrs Hill 50°
Supper Rain wet all day 50°

June 12 - 1944 Monday PM
up @ 9-30 Cloudy lunch at Lowman's
25° Dinner with Schell 50°

1-50 L.V. 2.10 T own stump 4314.5

+ 95.3 = 4409.8 spike 60-5

1 ft E and 4.45 S of E green 12"
W Birch stump, 4314.5 + 112 -

4426.5 Euler Mayo Brook

40 to 50' wide - 4' deep run

SE 50 - W 100 - NW 100 N 100, NW

E Brook 100' W of line

4426.5 + 300 = 4726.5 slabs

over Mayo Brook - 20 ft N and 25 E
of log 100 E of E Brook 4726.5 + 69.2 =

4795.7 Hat RR spike 4.75 E of E side
18" Tarn

253 = 4979.5

147

4726.5 + 5048.7 Hat 60° spike in
NE 1/4 of green sowed 12" pop. bluffs
at about 4900 N Swamp 10' W
E side of creek 150 W & 300 W
runs SW 300 Then West to spring
Brook

4979.5 Hat 60° spike in swamp 20' W
E of Bog + 300 = 5279.5 pin + 40.8 =
5320.3 RR spike under T
Trees 14" JPS 11° W 15.3

12" JPS 77° 30' E 12.85

5320.3 + 189.7 = 5510.0 East point
plate set E 0.60

5320.3 + 188.5 = 5508.8 1/4 Cor
sets West 0.50

Set 2x 3 1/2 pump point as soft
mark for TRUE 1/4 Cor Bet

4- 7135-136 NR 29 W

T over 1/4 Ca BS 50 on line line
Trees 24" SP N about 87° E 60.90

Red Oak 10 S about 20° E E 60.50

Plate got wet

Pet Mogenson Called 5 PM

148

Correcting N.S. & 9

5508.8 N goes West 0.50

5320.3 " " 0.48

4979.5 " RR spike " 0.45 Blump

Nati & we pulled up the random RR
spikes - set 602 spikes in their place
and set RR spikes on true line

Ex W Correction 000.53 -

5277.08 W Cor. set to 2.77

2384.30 " goes S

Quit at 6 PM

1319.27 - 2638.54 - 3957.81 - 5277.08

Correction = 20718851 E

Hub 768.7 is 769.2 N and goes West 20.33

Then E 15.94 or West 4.39

Hub 851 N goes West 20.33 Then E 17.63
or West 2.70

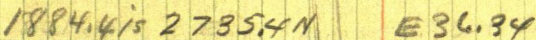
Hub 942 goes West 20.33 Then E 19.52 or
0.81 West

Hub 1181.2 N goes W 20.33 Then E 24.52 or
4.19 East

Hub 1327 N goes W 20.33 Then E 27.49 or
East 7.16

149

38.79



1885. 18,72 E

1863.6 7 18.28 E

.1563.6 E 12.07

1381.3 F 8129

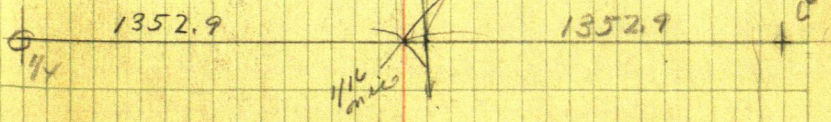
1327 7.16 E

1181.2 E 4.19

942. W 0.81

851 W 2170

769.2 West
West 4.39

[illegible]

150

Les Ebert

Hub 1381.3 N goes W 20.33 Then E 28.62 E = 8.29

1563.6 West 20.33 Then E 32.40 = E 12.07

1863.6 West 20.33 Then E 38.61 = E 18.28

1885.0 West 20.33 Then E 39.06 = E 18.73

2735.4 West 20.33 .. E 56.67 = E 36.34

2853.44 " 20.33 + E 59.12 = E 38.79

June 22-1944 Cash ck's rec'd from Peet &
 Finish Ims on Blk 26-27-28.29 Walker
 Dinner with Gertrude PM. Drive to Hack
 Call on Mrs. Woles. Then on to Jenkins L.V. Washing
 at P.O. Call on Martha. Call on John Schultze
 who will help us tomorrow. Sleep at Harold's
 Log Ho

June 23-1944 Friday Harold and I & L.V.
 Jenkins call at Peguot Bank only 914 in Bank
 L.V. Peguot 915. Call Peet Mogenisen. At
 Miss W's Call on Mrs. Murry who will pay
 me \$50 for plat of her land
 10-30 Find John Schultze cutting
 soon CO Line dig up 1/4 cor Bet 3-4-135-29
 5 FT W P964 THIS BK FIND ALSO MY OLD HUB
 3856.5 " " Town correction Hub 6.71 W
 Bson 1/2 continue 50 m TRUE LINE
 Dinner with Schultze 8 PM

continue so Town corrected Hub
 3856.5 TIES 18" JP West 44.70 to spot
 at base 12 30 of E of tree

secties to S 1/4 bet Secs 3-4-135-29 P961

Set 1/4 Flat Ch from foot of BTS stake 1 m
 0.15 W 9 JP 7 m

At 1/4 bet 3-4-135-29 Set 2x20' pipe

5" Oak N 51.32° E 23.00

4 1/2" Oak N 73.55° W 26.50

This goes with Schultze survey - Schultze gets
 no pay for this work.

Charles O. Carrons

151

NE & SE and S 650 ft of Lot 7 - Sec 4 - 135-29

¹⁹⁴⁴
June 24th 1944 - 25th 26th 27th 28th 29th 30th 1944

Finish Mrs Morray Nisswa Survey

July 1-1944 Haeckel & I in AM. Haeckel alone
in PM. July 2-1944 Haeckel and I finish the
Survey At S $\frac{1}{16}$ bet 3 & 4 - 135-29
pull up the trash and set 2x48" pipe
for the line S $\frac{1}{16}$ Cor

From the SE Cor Lot 7 - Sec 4 - 135.29 run
North on 'fiction @ 650 Find 2" pipe = NE Cor
of the Carrons 650 ft + 300 = 950 RR spike
+ 211.7 = 1161.7 RR spike on True Line
Ties JP9 N 6° W 12.90 JP14 S 83° W 31.10

JP10 S 12° 15' E 21.20 Good spade
1161.7 + 165 = 1326.7 160 from 10.60 yr
of Temp $\frac{1}{16}$ Cor Pull up pipe and set it
West 0.60 To True $\frac{1}{16}$ Cor in center of E
half Sec 4 - 135-29 See ties Old tin

Roby Haeckel 1937 or 1943

At SW Cor of Lot 7 Tok tie to
2" pipe on the bank of Mill Lake 150' + - E of water
Red Oak 7N about 30° E 17.8 R Oak 8" N about
45° W 12.00. Twin 5" Oaks So 7.45 NE Co
New Ho S. 15.10 ft

152 July 5th, 1944 Cannons

Harold and I Lv Walker 1 PM

Find note from Cannons on Harold's Ho
at Jenkins Cannon & wife help ch
west from NECOR 650 ft Tract

210 @ cord N-S-300 pin 600-64.8
= 535.2 RPSpike 535.2 + 215.8 over
draw = 751.0 = 2" pipe on top 571.0
+ 112.0 = 863.0 pipe 2" in 4 ft E of
Water Trail Lake

Cannon gives me OK \$75. in
full then slips me another OK \$25.
to be cashed "in 2 weeks" Mrs C
not in on this extra \$25. Call on
Rosengreen. OK @ \$15 + exp for his
survey Supper with Mary & I.
Sleep at Harold's Ho at Jenkins

97.80 3
 188.90
 286.70

97.80

153

Oct 23-1944

Harold & I L & Walker to Paul
 Calm Dr Lee 4-PM Red
 over iron balk $\frac{1}{4}$ Cor Bet
 4-5-135-29

BS 20 on tree line thru
 0'26' L distance

North tree line Bet 4-5-
 @97.80 Hub. RR spike on top
 tree

NP 14N 70°06'W 21.55

Red Oak 95.50 25' E 37.60

Continues N on line line + 188.90

Nail in heart $5\frac{1}{2}$ green Red oak
 stump 286.70 N and on tree line