

261

WILEY & SONS
NEW YORK

ENGINEER'S
FIELD BOOK

No. 333

Book N: 261 - Coro

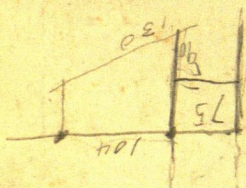
Pillager
Patton Survey

Note:

This book belongs to
John W. Coro-Walker, Minn.
If lost, finder please
return for suitable reward

John W. Coro
Feb-12-1942

Patton Pg 1 To 68
Pillager



4
1
2
3
1
3
1

28
28
28

This Field Book is manufactured of a High
Grade 100% Rag Paper Having a **WATER
RESISTING SURFACE**, and is sewed with
Bing Special Enamel Waterproof thread.

Made in U. S. A.

Any Two - almost

30	31	32	33	34	35	36	37
1	6	5	4	3	2	1	6
12	7	8	9	10	11	12	7
13	18	17	16	15	14	13	18
24	19	20	21	22	23	24	19
25	30	27	28	27	26	25	30
36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6

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①

Time Sheet Page 15-

Board Sheet Pg 10-

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Expense Page 5-6-7-

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Maps Pg 9-27-29-31-32-34-

US Nalis 32-56-

Old Nalis 12-14

R G Patton

2

Index

This Book No 261

R. G. Patton

Survey on Pillager Lake

Secs 4-5- 133-30

" 32-33- 134-30

Jan 12-1942

Feb 3-6-7-9-11- Letters

Feb 11-1942 Reed and Distort Survey

Geo Rozen helper

Jan 12th 1942 Rec letter from Patton

Feb 3rd 1942 my letter to him

Feb 6 1942 Reed and I

Walker to Pileager - Meet Murray
Q. Bingman Field Book 34 54?
and his new wife.

Find George Rogers at his home
2 miles N of Pileager - Geo has just
been laid off W.P.A. and will be glad
to work. Patton has always paid
him 30¢ an hour. - he will want more

Call on Mrs Dora Hatchell
Hatchell Restaurant - who will
room and board us for \$15⁰⁰
each - = \$3. for two

Only place in Pileager or Evesla
Restaurant is closed

Back to Walker at dark
Doris and Martha has supper
ready.

Feb 7 1942 - I write Patton
I am ready to go ahead with
runway.

Feb 9-1942 Patton writes to go ahead
his letter goes to Jenkins and then
to Walker where I get it Feb 11-1942

Feb 16-1942

Reed and I look up old notes
and to Walker. 4 PM.

Leave Harold's Trailer at
Jenkins - straight thro to
Beaumont - buy this Field Book
\$1.25 Bed Office Supply Co and
rush on to Pillager

6-10 PM eat at Hatchell Rest
Supper 35-35 = 70¢ Paid

Our room is taken by crew of men
who came in yesterday to work on
Crow Wing Power Dam.
may work 3 months. -

We get a room with Mr Albert
Fellon and his wife Doris
Mayfield Fellon and 2 small
boys I give them a check \$4.
on First Natl Bank of Walker
Rent for room Reed + I one week.

6. Feb 11-1942 continued

Evening: Find Geo Rogers who has just hired out with the Dam crew @ 60¢ an hour 10 hours a day - and cannot go with me

Geo says his oldest son Allen May helps us and we drive George up there 5 miles

Allen has 60 Truck loads of wood to help saw - The owner says they can saw it in 2 days

We can wait for Allen

Reed and I sleep at Felton Cat res.

Feb 11-1942 First Natl Bk Walker Creek & 4 To Albert Felton for Room rent for Reed and I one Week To Feb 18-1942 7.50 WK

133-134-30 R G Patton - 334 ct Ho mpls ⁷

Feb 12-1942 Thurs

Up @ 7-30 - Eat @ 8-am at Hatchell
Rer 70¢ pd. Paid

Reed and I drive to Pillager
Lake - Drive East on ice Find
M.C. On E Side of Pillager Lake
on Town Line

Find Hallett's $\frac{1}{4}$ Cor Bet
5-32-133-134 Town Line R30

See Bingman Survey Oct 3-1928
Page 64 Book 54.

8

Feb 12-1942 continued

Noon: Back at Pillager
I make New arrangements with
Restaurant to keep our meals
on a sheet to be sent in to Patton
or paid by me
Board Sheet on Page 10.

PM Reed and work alone hunt
old Survey marker on Pillager Lake

Evening: Albert Felton Time
Keeper and Foreman on PWA
says his crew will not work
again till Monday and that we
can get one of his men - good
worker - the only one of his crew
who lives in Pillager - the rest
live up near Staples - Felton
will go with us in the morning
to see his man Anton Hanson
"Tony" - gets 37¢ an hour on PWA
and will work for us @ 37¢

I will Patton for \$35 exp ch

I will Martha Reed will Ennis
\$1 in each lota Jahnel Pau

9

27

Record # 589

pg 278 D

28

ER Sullivan
New York

pk Region
134.30

State

Pice Lake

32

964 B154

Pillager
Lake

35

pg 42

2436

5

4

133-30

pit

K. N. Blake

8

9

10

Board Sheet

Boarding with Mrs Dora Gatchell

VIZ

Mrs Dora Gatchell - Gatchell Restaurant
Pillager MinnBoarding Surveyor Currier Assistant
For R. G. Patton

1942

Date Breakfast Dinner Supper Total For the day

Date	Breakfast	Dinner	Supper	Total
Feb 12	-	For 2, .80	1.00	1.80
" 13	2 men .65	.80	.70	2.15
" 14	.70	.80	.90	2.40
Sun 15	.90	-	-	.90
16	-	-	-	7.25
17	-	-	-	
18				

2 men

For 2,

.80

1.00

1.80

" 13

.65

.80

.70

2.15

" 14

.70

.80

.90

2.40

Sun 15

.90

-

-

.90

16

-

-

-

7.25

17

-

-

-

18

Feb 13-1942 Friday

Up @ 7- Eat at Restaurant

Fellön gaer 1 1/2 mil North to
call on 'Tony' who will go. We take
Fellön back to Pillager. Pick up
Hanson - Drive N. to Pillager Lake
Then East on ice to E Shore

From WC on E Side rough ch
East 3/4 mil. Find 2x30" pipe
On li 3-4-33-34 - on Town Line

See Old Halls

10am Rud. sees 4 nice deer
Rough ch N bet 33-34-134-30
along old fence built on my old
random line

1/4 Cor Bet 33-34-134-30 gone

See Old Notes

We establish True Cor from
my old BTS. + drive survey pin
for True Cor

Old Notes

3-4-33-34-133-134-R30

US Notes call for 'D' 133-30

Pine 6N71'E9 LKs = 5.94 Feet US

Pine 6N6'W17 " = 11.22 Ft US

Pine 7N74'W10 " = 6.60 Feet US

Pine 7S63'E44. " = 29.04 " US

All were here Oct 10-1916
when John W Curo and H.D.

Gorman established this corner

From which Gorman run a π
line West to Pillager Lake

See Book N. 54 Page 40

Old Haler Curo Re-set this
Corner in 1926 - NEW 4x4x36"
slab in top

Old Notes Book 54 Page 42

' Sept 30-1928 Reed and I drove
14 miles around via Pillager
East and North. Pull up the old
slab and set in its place a
2x36" pipe. Check my old
New BTS as follows

Feb 13-1942 cont'd

185
50
235

13

Sack Pine 6°N 35°20'E 41.30 Feet

Sack Pine 8°N 34°50'W 41.40 "

Sack Pine 7°S 64° W 38.65 "

To spat
at base

Sack Pine 8°S. 51°25'E 40.15 " To spat

at base measured via ground on a 2 foot
slope downhill for this 4th line

True Corner

3-4-33-34-133-134-R 30

On Town Line Old Vales

Page 42 Book 54 Sept 30-1928

To-day: Feb 13-1942 we find
the 2x36" pipe - rusty but OK
from which a fence leads North
on my old random line

My NE RT is only a stump now
but the other 3 lines stand
green and plainly marked

A new graded ^{Road} running NW
& SE can be seen 300 ft +
N.E.

14 Feb 13-1942. Continued

11 am. Reed and I and Anton Hansen

Reg @ Cor 3-4-33-34-133-134-30 Chan

North - bet Secs 33-34-134-30.

Old Naler - On Loose Leaf Say

July 7-1926

North Bet 33-34-134-30

$300 + 50 = 350 - 650 - 950 \text{ pin} - 59 =$

891 Hub Tier

JP 10 N $56^{\circ}59'E$ 30.80 FT

" 8 S $80^{\circ}33'E$ 30.20 "

1320 Hub Temp $1/16$ cor

Oak 10 N $10^{\circ}E$ 49.15

Oak 6" East 27.00

$1620 - 85 = 1535$ Road NW SE 1533

$1620 \text{ stake} + 34.2 = 1654.2 \text{ Hub}$

$- 2 = 1652.2 \text{ Hub}$

JP 7 S $35^{\circ}50'E$ 4.15

" 6 N. $39^{\circ}15'E$ 26.20

" F.J. Jones French, 34 - here 12 years

$1620 + 230 = 1850 \text{ stake } 2150 \text{ stake}$

$2150 - 63 = 2087$ Cron Road NE SW

TIME SHEET WORKING FOR R.G. PASTOR 1942

John W. Curo @ \$1.80 an hour and Expense Reed Curo Const @ 50¢ an hour & Exp

1942 Feb

John W. Curo

Car

Expense

James Reed Curo

Antone Hanson

Geo Rogers

Peter B. Peterson

Delward M. Peterson

11 12 13 14 15

4 8 8 8 8

90 20 20 20 20

420 1870 0 0 0

4 8 8 8 8

- - 8 8

8 - - 8

- - - 0

- - - 0

16 17 18 19 20

4 8 8 8 8

90 20 20 20 20

420 1870 0 0 0

4 8 8 8 8

- - 8 8

8 - - 8

- - - 0

- - - 0

21 22 23 24 25

4 8 8 8 8

90 20 20 20 20

420 1870 0 0 0

4 8 8 8 8

- - 8 8

8 - - 8

- - - 0

- - - 0

26 27 28 29 30

4 8 8 8 8

90 20 20 20 20

420 1870 0 0 0

4 8 8 8 8

- - 8 8

8 - - 8

- - - 0

- - - 0

Old Naler on loose leaf

2087 Cross old road which
run NE SW 10 ft West of Fork
of road which run N 80° E
N 45° E S 80 W Road run

240 ft SW Crosses other road

2201.7 Hub

JP9 S 43° E 39.50

JP8 N 53° 20' E 27.10

2150 + 150 = 2300 Stake

2640 Hub

Temp 1/4 Cor Bet 33-34-134-30

Q 10 D at 1- 134-30

US Naler call for post and

NP22 S 27° W 22 = 14.52 ft US

NP15 S 2° E 71 = 46.86 " "

Find old stake set from US BTS

2640 N The 1/4 Cor beam

S 87° 08' E 36.40 Feet

Tier 10 1/4 Cor

JP10 N 46° 45' E 55.00 Feet

JP9 N 58° 45' W 48.80 "

JP11 S 47° 20' W 48.50 "

JP7 S 35° E 34.50 "

Compen 10° 0' 0"

Old Naler - on loose leaf,

July 7 - 1926.

Feb 13-1942 Cont'd

We chain this north to-day to

$\frac{1}{4}$ Cor bet 33-34-134-30

but do not stop to look up all
BTS-

We Will look this up later

We find all of my New Old
BTS EXCEPT NE which is a stump
and from the line west a 30"
steel pin for the line $\frac{1}{4}$ Cor
in $\frac{1}{4}$ of old road drive road.
NW SE

Note: The new graded running
N-S- Can be seen 30 200 or 300
feet E Reed walks East to
new Road and marks it
with a brush thrown in
the road

18 Feb 13-1942 cont'd

Old Nales on same loose sheet
say P 95

West on transect line this

Center of Sec 33-134-30

367.5 Hub

JP 95 20° E 1.20

846.5 Hub on West brink of hill

JP 75 20° 30' W 5.90

" 6 N 76 W 15.70

900. Side hill 1200 + 45 = 1245

good road NW-SE

1320 Stake on line + 121.8 =

1441.8 Hub Ties viz

JP 105 20 W 4.40

" 10 S 80 E 2.50

Dated July 7-1926.

Old Nales

July 8th ??

Rego hub 1441.8 continues

West on E Sec 33-134-30

58.2 Stake 1500 & 1600. 1700

1800 Stk. 1891.8 Hub @ 1900 Stk

Feb 13-1942

19

Copy Old Notes - From loose
sheets July 8-1926 - continued
1891.8 Hub

Oak 4 N 30° 43 E 24.00

" 3 N 45° 48 W 33.60

2000-2100-2200, 2300, 2400, 2500
2600, stakes

2640. Hub Ties are -

2700, 2800, 2900, slk

2931.2 Hub Ties are -

JP 45 37° E 35.70

" 45 37° 30 W 17.40

3000, 3100, 3200, 3300, 3400, 3500
3600, 3700, 3800, 3900 slk

3960 Hub Ties are -

JP 55 45° E 7.40

" 6 N 70° E 22.00

4000-4100-4200, slks

4257.4 Hub Ties are -

JP 5 N 67° 40 E 8.30

" 5 N 24° 35 W 13.10

old notes

Old Notes cont'd

20 West on & Sec 33- cont'd

4300. 4400. 4500. 4600. Stks

4600 Hut

JP6S 59°45'E 17.50

" 6S 12°40'W 8.60

4700. 4769 Cross and

N-S Road 4800. 4900 - 5000

5100. Stk 5118. Fence N-S

5200 Stk.

5280 Hut

8" JP Stump - 3 ft. Ht. rotten.

S 80°E 2.60

10" JP Stump - rotten & 3 ft high

bear N 40°E 14.4

5537.2 Hut no lies

Chain on cut out pocket line
West 1/2 road

beg @ 1/4 cor ch West 703 feet
1/2 cen of Station Co Highway

Above Old Notes copied

to-day. Feb 13-1942 From old
loose leaf notes written

July 7 1926.

Jahna W. Curo

R.G. Patton

21

Feb 13-1942 continued

West on E Sec 33-134-30

My old T Line 1926

367.2 Find old BTS (stump) set wood hub

846.5 " " BTS set wood hub

1441.8 " " BTS " " "

1891.9 " " " " " "

2931.2 " " " " R.R. Spike

Walk south $\frac{3}{4}$ mile to our car
left on the ice

Eat at Pillager
PM

Back to work Lv our car at
Old Beaver Dam E of old Bing-
-man res and walk N to 2931.2

Set R.R. Spike and continue

West on my 1926 T Line and
search for old BTS and hubs

3960 Find old BTS. Set RR Spike

4257.4 Find old BTS set R.R. spike

4600. " " " " RR Spike

5280 gone

5537.2 gone

22 Feb 13-1942 cont'd

We find no trace of any of the old
hubs- but find all old BTS- From which
we chain in and set hubs on old random
line as shown on Pg 21.

Cut trees and brush and widen out
my old π line- and drive home for
mile 8 Hours each Car 20 miles

$$\begin{array}{r}
 4600 \\
 49.1 \\
 \hline
 4649.1 \\
 300 \\
 \hline
 4949.1
 \end{array}$$

23

Feb 14 - 1942 Sat

Reed and I in my 85 Ford 41.
 DeLox pick up Hanson - Call on
 M. Q. Bingman who says he knows
 nothing about 1/4 Cor Bet 32-33,
 134-30.

We Lr Cor at old Bingman
 Cottage - walk North over big hill.
 Pack Jim Flynn big Brass Compass
 and Buff & 300' Chi Steel Tape

1/4 bet 32-33 - 134-30

Ex tend our old random line
 West Cut line set Hubr till noon
 Drive to Pillager for dinner
 PM

back on work & @ old Hub 4600 ch
 West 49.1 = 4649.1 pin west slope
 Then over big reverse 300 ft
 4949.1 pin on E slope + 63.5 =
 5012.6 Hub RR. Spikes on lips
 Ties

J.P. 10 N about 75° W 12.10

J.P. 12 S " 20 W 16.65

24

Weston random & See 33-134-30

$5012.6 + 101.7 = 5114.3$ Hut RR spike
in flat spot

$5012.6 + 186.8 = 5199.4$ Hut RR spike

R. Oak 6 N $5^{\circ}20'W$ 26.65 spikes

" " 3 S $63'W$ 28.75

West $5199.4 + .60 = 5200$ pin + 300 =

5500 pin in old field + 38.7 =

5538.7 wood hut in field

5548 LV Field N-S

$5500 + 84.8 = 5584.8$ Hut RR spike

on West slope cut random over 100
ft + -

T over Hut 5199.4 W

1/4 Cor Bet 32-33-134-30 bear

N $38^{\circ}24\frac{1}{2}'W$ N $38^{\circ}25'W$ 215.85

Turned from Random $N 7^{\circ}30'$

1/4 Cor Bet 32-33-134-30

US Natic call for slake and

R T. C & I

N Pine 20 N $67^{\circ}E$ 43 Lks = 28.38 Feet

Norway P. 22 'S $37^{\circ}W$ 27 Lks = 17.82 Feet

We find stumps of both old trees
which stood here plainly marked
from which I trace set the true $1/4$
Cor and set a 20d spike and $2 \times 2 \times$
24" oak stake

By flat chain from face of old
stumps we find my old 20d spike
true $1/4$ Cor and the oak stake
rattled off at base

We drive $1/2 \times 8$ " iron bridge
spike for the line $1/4$ over which
I set old Jim Flynn's Consporn
@ $7 1/2$ ' on NE stump stand
perfect for course and distance

Set stumps perfect for distance
but 4" too far west

OK. Bath

π over $1/4$ Cor BS. $S 38^\circ 24 1/2' E$
1215.85 ft on Hat 5199.4 W $V 7^\circ 30'$
Old NE stump bears $N 67^\circ E 28.38$ ft
old SW " " $S 42^\circ W 17.82$ ft

My old New BTS \rightarrow to old points
JP8 $N 26^\circ W 21.10$ at base

JP14 $S 88^\circ 25' E 13.35$

26 Feb 14-1942 cont'd

True $\frac{1}{4}$ Cor Bet 32-33-134-30
continued

We take new BTS

E-VV Fence So 5.60 To 3 Strands
barbed wire on So Side of 3" posts

We blaze 4 new Trees

NP 14" N 57° E 49.62 FT

crooked 12" Red Oak N 32° 32' W
33.20 Feet

Twin Red Oak 6 and 6" S 163-3 VV
32.35 FT 16 North oak

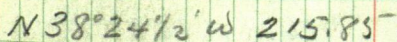
Scrub red Oak 7 S 62° 40' E 25.30

To spot at base - all 2 spots

U 7° 35' Turned from Random
line

We cut line West 300 ft +-
Then drive North and West Look
for NW Cor See 32-

27



$$\text{Cost } 783513 \times 215.85 = 169,121,281.05$$

Tang 793064 x 169.12 = 134.13 29 8368

OK

$$5333.52) 169.12 = 0317089 = 1^{\circ} 49'$$

$$1^{\circ}49' \tan \gamma = 031717 \times 5333.52 = 169.16$$

28

Feb 14 - 1942

1°49'

(031717N OK)

Figuring Correction Thro Sec 33

1°49' = 031717. (317089)

Hub 00 = 1/4 Cor bet 33-34 - 134-30

367.50 W. goes N.

11.6530

846.5 " " "

26.8415

1441.8 " " "

45.71789

1891.8 " " "

59.986897

2640.0 " " "

83.711496

2931.2 " " "

92.94512768

3960.0 " " "

125.567244

4257.4 " " "

134.99747086

4600.0 " " "

145.86094

5012.6 " " "

158.94403214

5114.3 " " "

162.16882727

5199.4

164.86725466

5333.52 " " "

169.1200 1/4 Cor

5539.70 " " "

175.62608443

5584.80 " " "

177.08786472

1333.38 ^w goes N 42.28

Note:

2666.76 " N 84.56

This would

4000.14 " N 126.84

NOT be the 1/4 Cor

5333.52 ^w " N 169.12

quite?

29

28	27
----	----

33	34
----	----

↓
Nafarun

1334.051 134-30

Random E

1	3	33.38
---	---	-------

Random w 5333.52

See Page 27 This book

To give 4 p.m.

33	34
----	----

413

$$1^{\circ}49' \cos = 999497) 5333.52 (= 5336.2041$$

1334.051

2668.102

4002.153

5336, 204

④ 133-30

Not the

11/16. Cors until the N-S-E

has been run clear
Feb 16, 1942

Palton

30 Pillager Minn

Feb 15-1942 Sunday.

Up @ 8. Pick up Geo Rogers

Heavy snow storm

Walker Mine Feb 16-1942

Figuring corrections at C&H House
Sec Old Nalei

Page 14 to 16

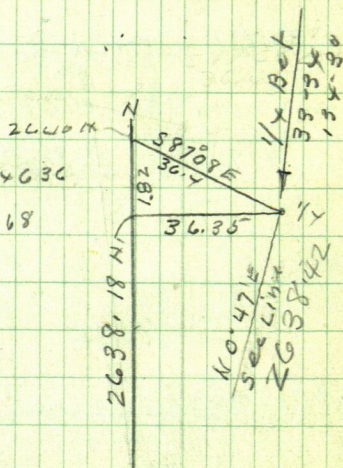
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$$\sin 998749 \times 36.4 = 36.3544636$$

$$\cos 050012 \times 36.4 = 1.8204368$$

At 2638.18 N The $\frac{1}{4}$ Sec.

East 36.35



$$2638.18) 36.35 = (13778438 = 0^{\circ}47' +$$

Page 14

$$891 \text{ N gals E } 12.276588258$$

$$1319.09 \text{ N gals E } 18.1749978142 \text{ To } \frac{1}{16} \text{ Cor}$$

$$\frac{1}{16} = 18.19 \text{ E } 0.9150 \text{ To True Sta But } 33-34-$$

$$1320 \text{ N gals E } 18.18753816$$

134-30

$$1652.2 \text{ N gals E } 22.76$$

$$2201.7 \text{ " " E } 30.34$$

$$2638.18 \text{ " " E } 36.35 \text{ To } \frac{1}{4} \text{ but } 33-34-134-30$$

LVG = 17
 BP14N5E42
 " 14523W64

LT0V05
 NP29N30E20=
 " 2858W33

V	19	32		19	20		20	21
	30			30	29		29	28

30

29

29-30-31-32-134-30

NP15530E44 = 29.04
 " 15538W39 = 25.08
 " 18N02E49 = 32.84
 " 18N9W80 = 52.80

29 29

30

30

0

31

31

Tam 6N48W18=
 " 8539W30=

MT0005-134-30
 BP11N37E24=
 " 12578E33

32 33

MC26-Tam 17N33W210=

134-30

31

3-2

MC27 Tam 6N80W176
 Boh7560V97=

5-134-30

27 PINE 12N41E64=
 " 10520W112=
 " 12S48E257=
 ASP 12N41W97=
 PTH 12-133-30

T 31 TOWN S LINE

31

A 6

L 85

133-30-6

PINE 12N40E23=
 PINE 10 SOUTH 8=

5 to 8 66-133-30
 NP8589W4=
 NP10N67E16.

6 133-30

5

5-6-7-8-133-30
 NP22 N86W42=
 " 10536E55=
 " 114N72E52
 only 3,

6 Tam
 OK?

6.5

5

7 MT0Y66-1/4
 BO7547E16=
 BP4N125E14=

7

HT0Y05-1/4-133-3
 NP6567W43=
 Tam 5N42W65=

8 4

33

27	26
----	----

27 20

34	35
----	----

34

9

343

342

2

5/4

87

9 10

10 11

133-30 10

34

29-30-34-32-134-30
 NP1530E44 = 29.04
 NP1538W38 = 25.08
 "18N62E49 = 32.34
 "18N8W80 = 52.86

MT. U@5-134-30 = 11
 BP11N 37E24 = 15.84
 "12S78E33 = 21.78

28-29-32-33-134-30
 NP6546E40 = 26.40
 "14S78W83 = 34.78
 POP18N 21W52 = 34.32

5280 US

US Nalis

Sarni On

Note 138-30 says

64 = 42.24
 133-30 each for 12' up 97.7
 134-30 says 12' up 47

2110 22 2812 20 3078

RICE
 4AK
 TAMION 4 1/2 W 81 =
 BIR10S75W 81 =

257 134-194-30
 TON10N 60E 160 =
 "856712E 100 = 66.00
 32
 134-30

Jim Am Huellet

Pillager Lake

S-134-30
 P11412N 41E 64 = 42.24
 " 10S 20W 112 = 73.92
 " 12S 48E 257 = 169.62
 ASP12N 44 1/2 W 97 = 64.02

B-133-30
 P11412N 41E 54 = 35.64
 " 10S 20W 112 = 73.92
 " 12S 48E 257 = 169.62
 " 12N 44 1/2 W 97 = 64.02

133-30 - 6" 11
 P11412N 40E 23 =
 " 10S 20W 112 =
 " 134-30 says
 same OK.

1519 1002.54 1371 704.86 1110 732.6 1210 798.6

2790
 1841.4

RG Patton

35

Feb 16-1942 at Walker Mine
at Ho

US Notes 134-30

MCN^o 25 Tam 10N 60E 100=
" 8S 67 1/2 E 100=

MCN^o 26 Tam 7N 33W 210=
only one

MCN^o 27 Tam 6N 80W 176=
Birch 7S 60W 97=

MCN^o 28 Tam 10N 4 1/2 W 81=
Birch 10S 75W 81=

All day on notes at Walker

Old Notes 133-30 Patton See Bk 154.

Jahn K. Cross

36 R.G Patton

Feb 17-1942 Tues 22° below zero

All day in walker

Rec letter from R.G Feb 14-1942.

his check \$35 enclosed

\$2. To Reed Total to Reed \$185⁰⁰

See Old Notes Book 154

Addresses

R. G Patton Room 334 Ct House Minneapolis

Murray Q. Bingman Pillager Minn Bk 3x

Geo Rogers - Pillager Minn

Albert Felton - wife Doris Pillager

Dora Hatchell - Hatchell Restaurant Pillager

Ilo Bobcock - card written Feb 17-1942

old address was 951 N. Dale St. St Paul
(with Gerty I guess?) Now moved
to 86 College Apt #3. Cedar 4675
Moved from Gerty's but still get mail
there - also Hannah's Card Feb 17-42

Dr Leslie Scranton Keyes 47 50

9th St Mpls Owns Gov Lot 3

Sec 36-142-31 - I offer to survey
this and lay out a road \$100.

@ \$250 month. He says. Not yet

Feb 1942. Mr Jensen Apt Walker

Ent 133 - Ct Hs Walker

38

Addresses continued from p 37

Nels Christian - with Jack Shafer 27

3932 - 22 Ave So Mpls

Will pay \$100 - his part of Survey

Lot 8 - Sec 21 - 140-28 on Hunter Lake

Note:

Mrs F. J. Hunt - Mr Frank J Hunter

4123 Beard Ave So Tel Walnut

4431 - Aug 12 - 1941 Owns Lot 3

Same Sec on Hunter Lake

Her husband is at Reimer Bldg Mpls

Aug 12 - 1941

^{young}
Mrs Dora Hatchell - Hatchell Restau-
rant - Pillager

Delward M. Son of Peter B. Peterson ^{40-50 years} Pillager

Feb 20 - 1942 Friday

Reed and I L. Walker A. Pillager
at noon - Check \$7.25 To Dora
Gatchell-Pillager In full for
"Board to date".

Get Supper 80¢ new account
Get a room with Walter Fisher
and wife. \$1.00 To Mrs Fisher.

PM. Pickup Delward 17
Peterson 46.

Son of Peter B. Peterson -
Delward Peterson was with John
M. Green Co Surveyor 20 years
ago. Tried to show us cor. new cor 33
couldn't. Showed us pine stump
at NE cor Sec 32 which his father
showed Green as NE BT.

Take Del home at dark. Then
we call on Dalley record of
Greens survey in Twp Books
Sleep at Fisher Bar
Snow storm

40 Feb 21-1942 Sat

All day^{PM} Welther

Reed gets wood ch \$4.50 to
John Gould - Indian 1 1/2 cdr
Truck \$2.00 - Saw \$1.50

Breakfast at Hatchell 804

Feb 21-1942. Find Geo Rogers
in street of Pillager - Geo says
too much snow on brush

10 AM. Snow storm starts and we
go to Walker. At noon Bank
just closing I cash my ch \$10

Reed gets wood in PM

Feb 22-1942 Sunday

Reed and I & L. Walker 86. To Reed
Total Loaned Reed \$33.

As Pittsenger 12 noon

Eat at Gathrell Restaurant

Rec ch at Jenkins P.O. \$35.

from R. G. Patten

Walt Fisher and wife are 50
miles S E hunting walrus

We find side door unlocked
and move in our old room

One other roomer here

P.M.

pick up Geo Rogers and cut
out line bet Cor 29-32-134-30

West of 1/4 on Top of Hill work X
on line in field 3 ft So of E-W
Wire fence and 26 ft So of E-W
graded road

R.R. spike Hut ~~no~~ = 790, west of old
N-S Fence
Tree

JP 8 N 54° 25' E 100.70

JP 7 N 1° 15' E 57.00

Spr at base @ Rock 22 ft N

Wire fence 3 ft N

790 ft @ Hut in N edge of open field

42 Feb 22 + 1942 cont'd

Road began north at Hub 0.0 = (790.W)

Reed and Geo Rogers cuts line

West sets Hub E and W

Cadet arrived Quint at 6-00

Geo walks 1/2 mile East to his home - Reed and I find Fisher family still absent Take over old room

Summer 1.00 temp. 80° with Mrs Dora Hatchell

Nat'l: 17.3 PM we drive Geo all over the place and show him the car He shows us old post car 15

Feb 23-1942. Monday

Washington's Birthday

All places closed at Pillager

Cold north wind Breeze

Sun. Bug from first bait 25-

7- Hay Hake Litch 12° scum man

Pinon - Tell Geo Rogers

we will fuck him up this PM

At Schoal Ho find

Reuter - Blacksmith Janitor

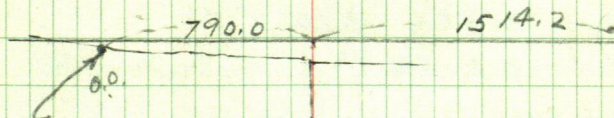
Rapt says he can get off to
sharpen and straighten over Jim

\$1.75 Reuter 400 fish handle

PM

Pick up Geo Rogers

(790) O.O. Ch East



44.

RG Patton

Feb 23-1942 cont'd

Be @ Hub 0.0. On top of Big Hill "el
 East along so shoulder of road
 New Long-Pins - Plumb-bob
 $187.5 \text{ pin} + 300 = 487.5 \text{ pin} + 2.50 =$

790. Set 20 d spikes 1 ft so of so
 wheel track Naton Line

In line with Peet Peterson's
 old N-S-Fence 49.5 ft East of
 24" White Pine line &

Note:

Be @ 0.0. ch

134-30 Chain East

East on so side of road

All Hubs are RR Spikes

Hub so of road + 300 =

$187.5 + 300 = 487.5 + 300 = 787.5$
 $\text{pin} + 2.50 = 790.0$

set 20 d. nail in line with
 old fence running so

Turnp 1/4 Cor bet 29-32

Nail Naton Transit line

187.5

$$\begin{array}{r} 3 \\ 487.5 + 3 = 787.5 \end{array}$$

$$\begin{array}{r} 2.5 \\ 790.0 \end{array}$$

East Bay @ 20th nail Temp $\frac{1}{4}$
 Cor but 29-32 (Nail Naton line) of
 East on So side of road
 255.4 Hub RR Spike 10 ft So of road
 300-600-900 fin
 550 ent Swamp 600-900 fin in Swamp
 926 & Creek 3 ft wide runs So
 swift current
 1135 L v Swamp NE SW
 1200 fin
 1368 & Plate Road N-S
 1500 fin + 14.2 = 1514.2 Hub
 4 ft v of & old road

Walk West to old Fence Temp
 $\frac{1}{4}$ Bet 29-32-134-30 walk
 West 790.00 to hub on hill
 + 300 = 1090 fin 1390 fin - 41.8
 = 1348.10 Hub 6 ft So of road
 1524 Road turns So to House
 1690 fin + 61 = 1751 & creek
 10 ft wide runs So swift current
 Creek line N 20° E 100 ft and
 S 20° W 30 ft then SE

46

West From Temp 1/4 Bet 29-32"

134-80 cont'd

$1690 + 275.4 = 1965.4$ Hat on Hill

$1965.4 + 272.6 = 2238.0$ Hat on top

π over 2238.00

NP 15" N 3° 20' E 47.50

JP 8 N 54° W 20.10

West + 300 = 2538 fm + 89 =

2627. Hat New ties

π over 2627 W. Var 6° ^{Taken with π}
_{Compass} ^{Rec'd 60}

JP 20 N 76° 50' E 55.50

Cluster of 3 white oak all 3"

Center Oak N 27° 45' W 36.50

Paplar 14" S 77° 22' W 61.50

NP 12 S 63.20 E 271.5 via slope 10' up

Var 6° Taken with Buff π

Old E W Fence South 17.50

Tam Swamp West 75.

Temp Cor 29-30-31-32-134-30

= P.R. Spik 2627 W of old Fence

Feb 23-1942 cont'd

Checking old Burned NW Stamps
 To local which is old BT. to & stamp
 NE.

N 89° E 43.2 ✓	N 73° 25' E 49.2 ✓
N 70° 45' E 86.15 ✓	N 68° 10' E 19.8 ✓
N 57° 30' E 39.7 ✓	N 56° 25' E 52.5 ✓
N 55° 10' E 70.2 ✓	N 51° 00' E 67.0 ✓
N 47° E 107. ✓	N 30° E 46.50 ^{WP} Root ✓
N 24° E 69. Root in Hal	✓
N 19° 20' E 69 " " "	✓
N 17° E 75. Root	✓
N 9° 10' E 100 and 119 Two	✓
N 8° E 83.6 Hal ✓	N 6° 58' E 87.0 ✓
N 5° E 38.4 ✓	

N.W.

N 2° 10' W 99. ✓	N 4° 40' W 64.5 ✓
N 6° 30' W 90 ✓	N 8° 25' W 31.0 ✓
N 14° W 44. Root	N 28° 10' W 55
N 30° 50' W 50	

48

π over Hut 2627 W Contd Old S/umpn
SW

S 48° W 52.5 S 41° 40' W 36.6 Root

S 40° W . old Celler Hale on Fence

S 31° 45' W 53. and 56.5 ^{root} Two

S 22° W 85.4 S 14° 10' W 38.50

S 10° 10' W 107.3 and 110 Two

S 5° W 43.6 S 3° 50' W 87

S 2° 30' W 78, Root

South 17.5 old E W Fence

SE

S 31° 30' E 58.0 S 32° 20' E 77.6

S 40° E 169. S 43° 15' E 181.5

S 43° 30' E 201.5 S 46° 25' E 187.5

S 51° 45' E 80.7 S 56° 30' E 50

S 59° 30' E 64. S 67° 45' E 65.

S 71° 05' E 84.4 S 77° 30' E 33.

S 83° E 43.4 S 84° E 138.

S 84° 30' E 152 S 84° 40' E 155.8.

all at 6° Var with π .

Quint lat: 6 PM Calcd.

Geo Rogers walks 1/2 mil. Home
slat at Forstner.

Jahnu curio

Feb 23-1942 continued

49

Work till 12-midnight on
motor

50

Feb 24-1942 Tues

up @ 8-30 - bright cold - west wind

Eat at Gatchell Rm 9-70 9:30

Back @ Fisher res. Plot up old B.T. Stumps

R and I plot up stumps to local Cor 10

29-30-31-32-134-30

Work till noon Eat at Gatchell

1.30 PM

Pick up Geo Rogers - drive N.

Turn 1514.2 Hub East of Temp

1/4 Cor Ties

JP 10S 43° 10' W 22.65

W Birch 12S 72° 15' E 32.50

JP 6N 43° E 40.70

Fence South 11.

Road 4 T. E Run

East but 29-32-134-30

$1514.2 + 3 = 1814.2 + 250.6 =$

2070.7 Hub & road $1814.2 +$

$3 = 2114.2$ fin + 3 = 2414.2

Hub 4 ft top of road + 88 =

2502.2 NE Cor Peet Peterson

fence line to 35 to 40 ft

$2414.2 + 257.2 = 2671.4$

Hub

Feb 24-1942 cont'd

Temporary Cor'ds Sec

28-29-32-33 - 134-30

US Nuclei call for

NP 6 S 46° E 40 = 26.40

NP 4 S 78 W 83 = 54.78

Pap 14 N 21 W 52 = 34.32

Only 3.

We take New Ties viz.

New: JP 8 S 49° 12' W 66.20

JP 10 S 64° E 45.00

Sp at base. Turned from
random 6° or

Run East 190.2 to 2861.60

Huton Hill Ties

Red Oak "N. about 3° E 14.85

JP 8 S " 60° E 10.40

JP 7 S " 85 W 17.00

sp at base 2 sp at

over 2671.4 Take old Pin. Slings

S 83° 35' E 141.60, S 60° 25' E 77.70

4" Oak Stub 7 ft Hi Spalled so side

N 81° E 92.80 Open Marsh N 62° E

80, Marsh North 35 ft Marsh N 60° W 50 to 125

P Slings S 53° W 20.30, Slings S 73° W 55.

Out at 4-1.5 PM.

52

Feb 24-1942 cont'd

Geo Rogers walks $\frac{1}{2}$ mile home

Reed and I back to Pellager 5 PM

\$2 in full to Mrs. Walt Fisher for
room 2 nights

Reed and I eat sandwich at
Gatchell Restaurant 50¢ per

Call on Ed Parker - wants
\$300 for his Trailer

On to Walker - \$2 to Reed
Total loaned Reed \$36.00

On road

Note: At 2 PM. Delward M. Peterson
comes out and help I Home to HECOR 32

Feb 25-1942

75° Ch to Helen Lundberg

Reed's rent to Feb 25-1942

Cash \$3 To Reed Total \$46.50

Hunt for Trailer Ho

54

Feb 26-1942

11 AM - Reed and I take Doris
and Martha \$1 to Reed

Call on Carl Ryan at Jenkins

12-30 Lf them at McKinley res Paul
Eat dinner at WW Walker - Drive to
Pillager

3-4-9-10-133-30

RR Spike in cen N-S Graded Road
equidistant bet N-S Fence 18x18
New BTS.

Red Oak 10N 26°15'E 65.10

Scrub W. Oak 6N 14°40'W 102.2

J.P. 10S 33°W 56.5

Twin Red Oak 4 and 5" use North
Oak 5-bears S 85°20'E 165.80

Fence runs S 88°E 80 rods

Also north

Opening for road S 89°15'W 700 ft

Turned from E road 1/2 mile N

Road extends 600 ft + - So

Drive 0.1 mile So Find 3 1/2" pipe
Filled with cement MK 16

Most be NE Cor Sec 16-133-30

9-10-15-16-133-30

Set under N-S wire fence
which runs to 21.30 16 S.W. Cor
of fence then East

Note: a line of old fence posts
Continue South Focus on Fence

Buff T over $3\frac{1}{2}$ " pipe Tier
Drive Bridge butt $\frac{1}{2} \times 12$ "

N 45° E 46.67 feet

White Oak 10 N $61^{\circ} 10'$ W 267.9

Red Oak 12 S $48^{\circ} 05'$ W 140.00

JP 12 S $54^{\circ} 00'$ E 244.4

SE Cor Post of fence South 21.3

Reed and I Buff T 2 PM

We call on Ed Parks. Offered him

Ten or "Fifteen" dollars cash to

buy out his Trailer House for

which he wants \$300. \$200 down

Drive west-call on

Britton who says Commissioners
meet Mar 3-1942 Tues

Call on Geo Rogers to work tomorrow

Supper Gatchell 80° Fight chimney

for Sleep Wall Fishy res.

John W. Cuss

50 Feb 26-1942 cont'd

133-30 US Transcripts

Copied by Reed and I before we
Lv Walker

North Bdry 133-30 Town Line
West Bet 5-32

7820 Creek 20 Lks wide from S.

80.00 Cor 5-6-31-32-133-134-30

Pine 12 N 4.1/2° E 64 = 42.24 Ft

" 10 S 20° W 112 = 73.92

" 12 S 48° E 257 = 169.62

→ Aspen 12 N 44.1/2° W 97 = 64.02

Note: called "Pine 12" in Notes of
134-30 at Co Aud' Office in Walker

West bet 6-31

2700 Top of Bluff

3450 Com 1/5 descend

3909 Ent Lake Set MC

4000 = 1/4 in lake

8000

7820

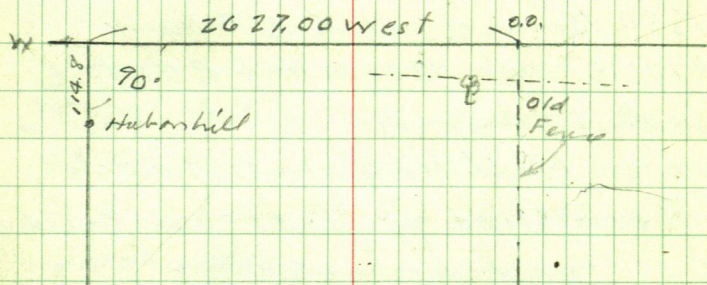
180

Lks = 118.8 Feet Creek

1/5 Sec cor

Feb 27-1942 Friday

Up @ 7am Breakfast at Gatchell. 65°
 Pickup Geo Rogers & over 2627.W



South 114.8 Hub on hill RR spike
 $+ 135.6 = 250.4$ pin 130 W of
 & green spruce stump 8"

NW cor of fence 8 ft west

$$250.4 + 248.6 = 499.00$$

blue + on west edge green 6"
 spruce stump $+ 1.00 = 500$ pin
 all in swamp. $+ 3 = 800 - 1100$ pin
 in swamp

+ 1132.30 Hub RR spike in swamp

Tam 75 28° W 9.90

" 125 23° 50' E 33.95

1273 & 2 ft Creek Runs West

$$1400 \text{ pin } 1700 \text{ pin } + 205.6 =$$

1905.6 Hat (1855. Cron same Creek

runs E 3' wide) Bend of creek NW 15 ft
 from Hat 1905.6

58 Feb 27-1942 cont'd
S on Random Bet 31-32-134-30

Var reads 6'

1855 Cross 3' creek runs E

1880 Bend of creek 5 ft west

1905.6 Hut 2000 Hut RR spike
in open swamp

Noon Walk has famib N & E to

Reed slips off pole over creek
wets one leg - no bottom

Drive to Pilliger & take Geo
Rogers to dinner

3 dinners 1.25

PM

Reed refuses to change pants on
Sox and we drive back

Le Car on So Side Rice Lake
walk over ice to T

Ties to 2000. S on Random
5 dead Tam all about 15" use

central South Tam 6" Dead Tam

N 12° 15' E 74.65

8" green Tam N 54° 3' W 68.3

Continue South

2300-2600-pin 7

3900

- 255 -

3645

2691

2640 Hat ~~2645~~ East of fence

Walt 100 E 50 thru N 300

2900 pin 2997.4 Hat on ice

3200 - 3500

about 3660 Lu ice NW SE 38 pin

3960 Hat 4100 pin T own

3960 Hat RR Spike in marsh

300 sound 225 West of ice

4100 - 4400 pin in marsh

4560 To 4660 East edge small

3" Tam 4660 To 4700 plus

Small Tam 4700 pin - 1.40

4698.60 Hat

Tam 4 N $41^{\circ}25'E$ 19.00" 5 N $68^{\circ}10'W$ 16.85

4700 pin. 4750 small

3 T. 5' Tam NW SE Lu Tam

old 2 wire fence 3" posts

15 ft E Run N-S-

Note: 37 paces North of 4700 =

3 4600. Cut down 2 small

Scrub Tam $2\frac{1}{2}$ diam 2 ft Wof our line = North end of a
one wire fence tied to the
two scrub tam lines

60

South random bet 31-32

134-30 @ 5000 ft

+ 271.6 = 5271.60 Hat

Nat: 5060 LV Alder brush

E-W 5235 LV (meadow)

N 80° W S 80° E

5271.60 Huton ridge

N 80° W S 80° E 100.

Ties to 5271.60

Cluster 3 big Red Oak

20" 16" 12" Tall 80 Oak

12" Oak N 6° E 7.00

10" Red Oak N 69° 30' W

41.85 To spot at base on

SE Cor of lot

Old W S Fence 15 ft E

River lies S 60° E

150 ft proceed to E, 15' wide

Nat: Hat pin

Feb 27-1942

5360 old crooked fence runs W

5410 N bank R Bk Creek

5438 & creek runs SW

5460 L Bank

Reed and I walk 12 mile No
li check stakes OK. To 2600 S. Reed
goes on to 500 So and paces
7 chains OK check

@ 5300 So drive small wood
pin and Quert 6-20

Nat at 5257 So old fence runs
East

7 To 7.20 supper at Gatchell
80 x

62

Feb 28-1942 Sat

8-30 AM. pick up Geo Rogers Drive
15 E-W & Sec 32-134-30 LV Cor in
co road - climb big hill East 15

$\frac{1}{4}$ bet 32-33-134-30

Cut 6 pine trees on west slope of
big hill to work T on line bet

Red Flag a mil west at Temp $\frac{1}{4}$
Set 2640 So of Temp NW Cor Sec 32
and True $\frac{1}{4}$ on E Side Sec 32

PM.

Feb 28-1942 Sat Cor T.

11-12-13-14. - 133-30

R G Patton 1942

63

See Record # 589

April 10-1942 Friday

Reed and I in my car
 Lv Walker 9 AM. Drive to Pelican
 Lake. Meet Mr Steve Steffenson
 who tells us that W F Paulson of
 4627 - 2nd Ave S. Supts Land
 who works for Nor States Power Co
 owns the land adjoining
 Mr Haberler's two houses
 Mr Paulson had it surveyed by
 Mr Chapman C. Emper who was
 up here 3 weeks ago

We call on Jay O'Brien Reed
 who will pay us \$35 for survey
 - plat of his two small lots
 at Cross Lake

Eat at Reed and drive to
 Pillager - Call on Mrs Gatchell
 Gatchell Restaurant Pillager

Check over books.

I show Mrs Gatchell the R.R.
 Patten letter of Feb 9-1942
 Lost two lines of Patten letter

April 10-1942

Patton letter Feb 9-1942

Last two lines says: "The price which Mrs Hatchell quotes you for board and room for you and your assistant is very satisfactory"

Signed R G Patton

I show Mrs Hatchell the letter and she says O.K. Bal \$11⁶⁰ which Mr Patton is to pay.

Meet Antone Hanson Pg 15

We drive N to Geo Rogers res
--gone-- we drive west to Cor

4-5-8-4-133-30-

N. Bink Big Cat

Drive 2 1/2 x 26" pipe thru point in
ground of old broken off fence post

over

66

4-5-8-9-133-30

Drive 2 1/4 x 26" pipe thro point of old
fence post which is the true sec cor
Ties

JP 8 N 26 1/2 E 94.92 FT

NP 14 N 49° W 109.64

NP 12 S 30° W 157.3

JP 13 S 48° E 268.0

To good big spots one at base
and one 5 ft up

Road looking So to Pillager
reads S 1° 30' E Courses

carefully taken with Jim Flynn's
big compass with vernier set
@ 6° 30' on

Chained perfect with 30 ft chi
Steel tape and plumb-bob

Perfect Chain - Compass very
close for course

We drive NW to Cor n of Bingham
rer and walk up big hill 500 ft
to 1/4 Cor bet

32-33-134-30 where we pull up
drift ball and drive in its

place a $2\frac{1}{2} \times 26$ " pipe for the

True $\frac{1}{4}$ Cor bet 32-33-134-30

See Tison Page 26 this book
#261.

Drive So. to Pillager then East and
North $\frac{1}{2}$ $\frac{1}{4}$ Cor bet 33-34

134-30 where I pull up Survey

pin set for true $\frac{1}{4}$ Pg 16 this book

and put in its place a $2\frac{1}{2} \times 26$ "
pipe in E of old wagon track
div road NW SE =

Drive home to Walen via Bear Harbor.

R G Patton

69

Sec 4-5-133-30

July 20-1947 Sunday

Annual Farmer's Picnic

So did Pillager Lake

in Sec 5-133-30

Harold Curo and John W Curo
Lo Walker in my Ford

Call at Ponto - Meet Peet Kershaw

Call on Mrs Eckler Then

Drive to Pillager Lake Picnic

Meet R G Patton who want a
line run

Went thro 2 of Sec 5-133-30

We promise to come back tomorrow

70 ² R G Patton

See 5-133-30

July 21-1947

Harold and Walt Miller

Lv Walker about 10 A M

I am to follow

Harold and Walt meet Mr Patton
who shows them a fence on

which he says is

1/4 Cor bet 4-5-133-30
from which they run

West on 2 sec 5

They start about 12 noon

Cut line West on old fence

I Lv Walker 1 PM and at
5 PM find them cutting line

Chumb trees - use a ladder

Harold + Walt

107.6 = 7 Hrs @ 3.50
24.50

JWC, 3 Hrs @ 81. = 53.00

No chg for my car

— 5 old fence — 11/4

July 21-1947

we work till 6 AM Drive to Pullagen
Buy grub \$3.08 then drive 3 miles
NE to Trailer Ho

I go over my old notes
Search Field Book 54 and This
Book^{No} 261 but can find no
notes where I have ever been in
1/4 Cor bet 4-5 133-30

Look thru old letter file for
notes Envelope 159

Look for loose sheets

Card says See Back File

July 29-1930

I have no notes

However we will run a line
thru S Sec 5- and tie in to
1/4 on West side where

Everster Claims he has the

1/4 bet 5-6-133-30

It may not be the line line

all 3 sleep at Trailer Ho

John W. Curo

July 22-1947

Begin at Patton's old fence on which he says is

$\frac{1}{4}$ Cor bet 4-5-133-30 and run West along an old fence

old fence
West

West @ find an old

8" IP ft N of fence line

Have BT marks on west end and

@ ft find another 8" IP

Blazed fence on East side

These two IP face each other and are heavily blazed showing that some surveyor used them as bearing lines for

$\frac{1}{4}$ Cor bet 4-5-133-30

The fence cor is NOT the

line $\frac{1}{4}$ Cor bet 4-5-133-30

Breakfast at Pullage \$2.

8:55 pass Patton Cottage 9:40m wait &

gwc. with 100' tape Chain

Went down big hill P.B. ab ch 100' Tape

@ 16.0 @ 10" SP and BT. Spatted
on west side 3 ft N of E W fence

@ 41 W and 10" SP well spatted on
east side sets 6 ft N of old E W fence

Spats deep overgrown $2\frac{1}{2}$ to 3"

@ 30-60-100 pin Then use 300' Tape
+ 200 = 400 slabs under fence

@ 600 foot of Hills Then up
long slope $400 + 300 = 700$ slabs
in side hill 750-800 pin

850 - 900 slabs still on side
hill going up 950 - 1000 + 200
= 1200 slabs 1239.25 spik

60 d Under Knight T 1300 pin

1350 pin 1400 slabs 1450 +
81.8

1500 slabs

1400 + 300 = 1700 1531.8 H46

1700 slabs on side hill

going up 1797.8

1797.8 Hob $\frac{212}{90}$ on Top

74

Dinner at Pillager PM
Walt and JWC Ch west

1800 down Hill + 300 = 2100
slake on west slope gain 11 ft

2111.5 Hill RR spike 5 ft E
of S side 15 inch jack pine

2200 W Blue mark on wire

2250 slake in old road
N 20° E S 20° W at top

2300 slake

2300 + 22.5 = 2322.5

Top of En Post of fence
N-S-E at

2350 pin 2400 enter
open meadow slake 4' tall
+ 300 = 2700 slake 106

West of 3 ft ditch in marsh
2700 + 63.4 = 2763.4

RR spike E edge RR
2780 RR spike to road at
3000 slake in flat

enter paved land
+ 200 = 3200 slake
on N-S fence +
3197. Hill 60 ft

3197.5 fence ns

3200 pin 3300 L & R ready
enter meadow land3200 + 300 = 3500 sth in
meadow 3530 L & R sub solid
land - 3500 + 300 = ~~3800~~ sth3500 + 180.60 Crooked fence & E
sw 3800 pin in meadow 20 ft W
and 20 ft N of solid land

4100 pin in meadow

Cranberry bog 150 ft west
of cut line 7 bog 8 ft west and
10 ft N of N & C on the fence

Run S 20' W +

4100 + 300 = 4400 pin 50 ft
E of low land

4415 cross Crooked fence sth S

4449.3 Hub RR spike

1/4 lot 4-5

shown at 6.5

val of lot 4-5

Pg 73

23.225

16

6.5

76

8

From 4449.3 we cut
picket line went up
mighty Hill
Pack X 600+ - west
to top of hill

From top of Big Hill look
East work X on line
in line with flag in
E road and another flag
800 rods E

Walt and I chain
East-down Big hill

300 pm + 200.6 -

500, 6 E RR spike on

ridge 300 + 273.9

= 573.9 To Hat 4449.34

4449.3

573.9

5023.2

West on Top

4449.3

573.9

500.6

73.3

733

45226 w/ RR spike

17
35

35

35

35

35

35

35

35

35

35

35

July 22-1947 cont'd

133-30

77

Pack T last 10. road

7.30 Harold under 1/2 mile
in Patton car to get his
Plymouth at Patton res
8 PM at Trailer Ho

9 AM TO 8 PM

3 Hrs in A M

7

" in PM = 10 hrs

10 Patton
78 July 23-1947 - 5-133-30
Eat at Trailer Ho
8.15 AM Starts 10 min

US Notes See Page 33 This 13th

Old Notes See Book 54 Pg 44-37

8.40 AM Lv Trailer Ho
Drive to Patton Res 9 To 9.45
with Patton @ 1/4 bet 4-5
9-45 Lv Car in Co Road
and walk half mil west

π over Hub 60° 50 23.2 W
Ties

6" Br Oak N 55° 13' W 10.35

7" Br Oak S 46° 01' W 30.8

6" Birch N 87° 44' W 45.9

V at 8°

To spot at base

Turned for E-W Rander

100	.
23.	2
<hr/>	
76.	9

1.17 pm 20 am

How

Time Sheet For R.G. Patton

1947 July 20 21 22 23 24

Harold Curo 7 10 40 11 3

Car

Expense { 35

Walt Miller 7 10 7 10 40 11

At 8 1. pm 11 am

John W Curo 3 10 7 10 2 3 11

Car No Charge

Exp

(11)

From 5023.2 Continuum
West 76.8 to 5100 W

5100 - 21.6

21.6

5078.4 = 5078.4 Hub 60d

on west slope

5300 slake

5302.5 slake

One mile west of 1/4 on

E side of sec 5-13

See Pg 33 This book for
US Bts @ 1/4 bet sec 5-6

at 5435.6 West
Hub

29° Sine 4848X112.8

cos 87462X112.8 =

5-6-134-30 1/2

(81)

16
76

133 13

76
156

we find old 1/4 Cc

But 5-6-134-30

1/4 high T over old NE BT
use 6'30" U Ch S 67°W 10.56

set cod spike for 1/4

Tree

NP 12 N 56°11'E 36.17

JP 12 N 45°24'W 8.8

To spot at base old fence
near North

Old arrival west + -

bear 87°44'W

Hub 5435.6 W Bears S 30°30'E

all at 6'30" Uan

Pack T SE T. Hub 5435.6 W

Look E on random Uan Road 8'

1/4 bet 5-6-134-30 Bear

S N 29°02'W 112.8

Tree to 5435.6 on random

NP 14 N 62°16'E 37.62

JP 8 N 64°44'W 28.65

Turned from random 8' Uan

82

(14) LA 2-5-133-30

Back on $\frac{1}{4}$ Cor

Focus S $29^{\circ} 02' E$

Old fence on a mile W
(or $\frac{3}{4}$ mile W) bearing

S $89^{\circ} 11' W$ @ $8' Ua$

another old fence bearing

S $89^{\circ} 25' W$

12.54 Out and walk $\frac{1}{2}$
mile out to car in a road

Ties to RP spike on ridge

15' JPN about $10' W$ 18.10

14' JPS. . 50' E 23.7

See Pg 27-29

133-30

83

15

Sec 5

Q17964 N for each ft. West

1°02'

5435.6

5467, 85

5490.35

2710.35

2780.

2757.50

Sec 5

5490.35

1°02'

5435.6

N 29°02' W 112.8

5475

Sin 485318 x 112.8

cos 874338 x 112.8

5435.6

5475

5490.35

53236

874338

112.8

6994704

17486764

74338

874338

186253264

5490.35) 98,63,00(.01

98.23
N 29°02' W 112.8
5475
5435.6
5490.35

49.94

0.40

12.5

84

16

1. 75 To 2.45 for dinner
 2. 45 To 3.25 Figuring
 3.25 Lv 3.45 at & see 5

I get P.G. and he and his Car come
 out to Q Road Starts to rain
 Harold and Walt ride with me $\frac{1}{2}$ mi's
 $\frac{1}{4}$ bet 5-8-134-30 - Drive 60% spikes
 & n-s road in line with fence &
 Harold and Walt change rows
 N 300-600-900-1200-1500-1800-2100
 2400 pin + 268.1 = 2668.1 to RR
 spikes on EW Randon 2780-05.
 from 0.0, 22.50 E of $\frac{1}{4}$ bet 4-5

2780.00	2757.5 West from
22.50	$\frac{1}{4}$ bet 4-5
2757.5	

North continue thru & see 5
 2700-3000-Spikes

Harold sets 7000 randon hat
 Look $\frac{1}{4}$ mile so I set Hat + Tell fly
 n m line Walt + Ich A 336

	3000
Hats in Rain	
Quit at 2:10 PM	3236

5.00 PM Quit Buy groceries & trailer
 Ho 6 PM

John W. Quinn

July 23-1947 confa Patton

5 PM quit 7. rain

8-40 To 5.00 = 7 hr 40 M

All three still at train Ho
Harold sleeps every nit in my
car

5329.5) 1233 = 0023135

26681 X 23135 = 6.17

86

18

RG Patton

July 24-1947

Lot

Sec 5-134-30 133-30

Up @ 5-30 Grass wet

8 AM LV @ 7.50 Call on Patton who

will be out later Handed 1 w alt cal

North on E Sec 5-133-30 grass wet

Knight X @ Hut 3236.0 R Napuka

JP 14 N 35 37' E 23.35

JP 12 N 40' 45' W 38.20 R

RR spike on random

3236 + 300 = 3536, slope

+ 71.2 = 3607.2

3536 Fence crosses 3 ft so and

left E Fence runs N-S & almost

gone Tower 3607.2 on top

then down steep hill to reverse

running road connecting

Reed Lake + Pillager Lake

3607.2

Twin JP 11 West 580 W 2.60

JP 6 N 42' 12' E 12.75

all fence 3 ft E down

Random Var 8°

3725 about 20 ft down E

3607.2 + 300 our dad 1. 3907.2
 stake in field + 10.6

3917.8 Hub 60d in field 3917.8
 3907.2

88
 3995.2 old VEC of fence
 run

3917.8

stake

6.00
 4517.8

Hub in field 45 4.2
 22.0

4522.0

90.2

461.2.2 ~~2~~ Cross at E-W fence
 LV field

90.2
 12.2

4522 ~~acres~~ X + 90.2 = 4612

RR spike on old E-W fence in

East side 8" Rock

4522 + 279.5 = 4801.5
279.5

4801.5 spike 60° 2" E of heart

137.9 of dead 1" JP short + 137.9

4939.4 = 60° spike T1E°

14" NP 5 66° 22' E 14.80

9" NP 14 8° 41' W 19.00

Turned from Random on X 5

88

13.55

26

4939.4 + 300

$$\begin{array}{r} 3 \\ \hline 5239.4 \\ 87.9 \\ \hline \end{array} + 87.9$$

532713 Hut

1/4 sec N 79° 53' E 12.53

Tues 10 1/4 Cu

9" B. Oak N 46° 49' E 13.55

15" N.P. N 21° 15' W 56.42

8" J.P. S 33° 49' W 40.50

7" J.P. S 57° 42' E 30.65

Old fence runs about

N 87° 13' E

N 89° 45' W

N 0° 48' W

3" Pipe 3 ft above ground

1.20 SE from 9" Cu post
of fenceU 8" Turned from Random
produceHut 5327.3 on random
is 60' up 2 ft so of E
W. fence driven down

1.07 Quit for dinner

1.46 PM at Trailer Ho

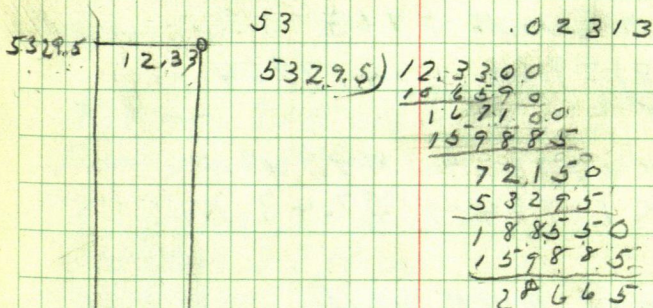
July 24 - 1947
PM FIGURING

$$N 79^{\circ} 53' E = 10^{\circ} 07'$$

$$\begin{array}{r} 53273 \\ 2.2 \\ \hline 53295 \end{array}$$

$$\sin 175653 \times 12.53 = 2.20 N$$

$$\cos 1794452 \times 12.53 = 12.33 E$$



90 R/L Patton 22

$$53295 \div 1233 = 0023135$$

$$26681 \times 23135 = 6.17$$

$$3236 \times 23135 = 7.49$$

going west 5467.85 W

On set: north 98.63

$$5467.8 \div 98.63 = 017964$$

$$2780 \times 17964 = 49.94 \text{ N}$$

$$3197 \times 17964 = 57.43 \text{ N}$$

π back @ RR spike in E Rod
Take NW angle of Rod
NW angle 90° 04'

π over RR spike true E
of sec about 4 ft E of grade
NW angle of true line
89° 11' 89° 11'

From Center of sec 5
133-30 chain North on
line of 240 Hub R R spur
about C of run

16" JPN $S 84^{\circ} 21' E$ 43.2 T₁ Spd 1
15" NP $S 84^{\circ} 53' E$ 83.25 Spd 13' 06
run $S 89^{\circ} 34' E$ 315.14

Run 315 BS $N 89^{\circ} 34' W$
Run $N 25^{\circ} 30' E$ 317.6 IN
8" Jst W 3150
water 33 ft N

@ 315 set 2 x 20 pps
9" Boat $N 23^{\circ} 38' E$ 13.7
8" JPN $69^{\circ} W$ 12, 15

$S 89^{\circ} 34' E$

315 continue 237 T 552
BS $N 89^{\circ} 34' W$ Run South

also North - Hk 8" NP offset 4" d
at lake bank measure 4" E
set stake on lake bank
11. Hk 20'

John W. Cress

92

24

July 24-1947 cont'd

Check

July 24 1947 Midland Natl Bk
Mpls T. County Surveyor John Curre
One Hundred Fifty Two 162.00
R. H. Patton

25 RG Polton

93

July 25-1947

At Lizard Ho

Cork Ch at Pullager Bank

94

April

1

Pallon

April 12-1948

All am in walker

PM

Harald and Car with Walt Miller
and I to Jenkins - Find place for
Walt to sleep with Tillie and
Ollie Zies at Jenkins Harold
and I in Traile Ho

We drive so and look Peguot
over "Joe"

want his Marshall Wells Stor
Lot surveyed et al

2° 50'

SINE 049.4 x 36.4

COS 99.878 x 36.4

2640

58708

36.4 0 1/4

1.8

36.355

33

3.7

4

3

2638.2) 36.355 (01378 = 0° 47'

2640

N
X
0

1948

April

John W. Curo

Exp

Harold J. Curo

Harold Car

Expense

Walt Miller

Geo Rogers

12 13 14 15 16

11 10 8 8

11 10 8 8

1 1 9 1

11 10 8 8

4 8 4

96 RCPotton ③ Red Plot
PP99

April 13-1948

Frank Brett not home

Mrs Ralph Cole No phone one
mile + north of Pillager - big Ho

Says she can sleep two

look for Geo Rogers and Claud
Hines Drive to

3-4-33-34 133-134-R30

Meet Frank Allen. Mr Land
lats sandwich with us.

Dinner \$2.25

P.M North bet 33-34

See Red Map P99

Apr 14

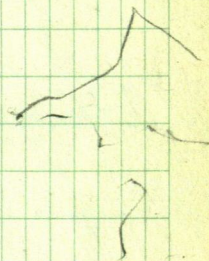
4

97 9

Town Line - 133-30 Sec 4-5

133-30 Sec 4-5

134-30 Sm 33



14 18.70 Hub on mill hill 601

Spoke no line

1418.7 + 349.7

349.7

1768.4 Hub

Then Oak 6 N 47° 51' E 19.20

Oak 4 S 63° 18' E 15.35

Called Random E-W

1768.4

77.1

1691.3

1691.3 Hub on top only

Then 3" Oak N. 1.60

300-165

165

465 + 1768.4

465

2233.4 Hub

2233.4 Hub

JP 8 S 26° 30' E 5.30

JP 12 S 43° 30' W 7.9

7° 30' W

268.6

2233.4

2502.0 Hub Twin Oak

4x4 W. oak N 2° 50' W 7.50

Branch 4 S 48° 30' W 6.4

100

April 16-178

$$2502 + 490 = 2992$$

Stadia over draw OK
+ 622 = 3614, Hub

Ties J.P. stump 14 West 1.80

J.P. Tree 7 N 40° 37' E 12.68

$$3614 + 201 = 3815$$

$$3815 + 304.4 =$$

304.4

$$4119.4 \text{ Hub under X}$$

IM set S 81° 14' W 157.65
= 8° 45'

4. 1/2 to Im

$$S 81° 14' W 157.65 = 8° 46'$$

$$\text{Sine } 152411 \times 157.65 = 24.03$$

$$\text{Cosine } 988317 \times 157.65 = 155.81$$

4119.4

157.6

4277.0

$$4119.4 + 155.81 = 4275.21$$

$$24.03 \div 4275.21 = .005620776 \text{ South}$$

for each ft. West

Red Oak 4568 22.5 16.4

4 " 4N 40.86' W 12.5

Left Hub

Correction for South Line

Sec. 33 - 134-30

Hub 330 W goes S 1.85

" 1418.7 W " S 7.97

" 1768.4 W " S 9.94

" 2233.4 W " S 12.55

4119.40
155.81
4275.21

" 2502.0 W " S 14.06

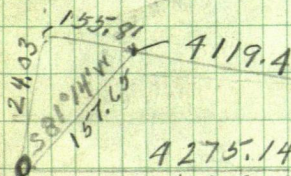
" 2992.0 W " S 16.82

" 3614.0 W " S 20.31

" 3815.0 W " S 21.44

" 4119.4 W " S 23.15

(33-134-30)



80°46'

4275.14 My Ch. =

4172.52 U.S. Ch. = 102.62 Long.

0°19'

Site 005527 X 4275.21 =

Cosine 999983 X 4275.21 = 4275.14 My Ch.

102.62 ÷ 4172.52 = .02459425 W for each

St West

102

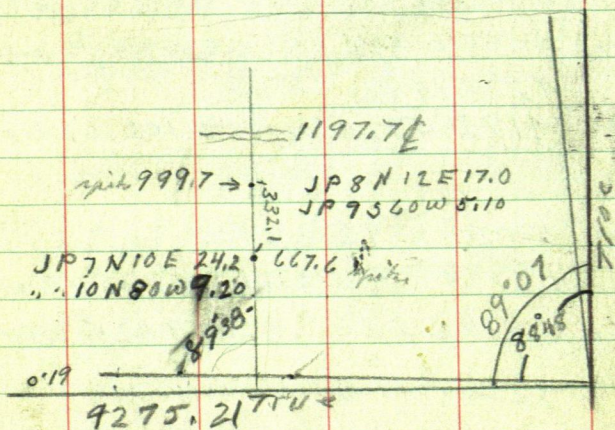
9 91 19 10

2640 W goes W 64.93 To 2704.93
point for 1/4 S side Sec 33 (134-30)

3960 W goes West 72.80^{7279.898}
To
4032.80 pt. for NE cor Govt lot 4
Sec 4-133-30

2704.93 + 990^(60 rd) = 3694.93 W point
for SW cor of 60 rod strip of Govt Lot
2 Sec. 33-134-30

Turn Hub 3614, W chain W 80.93
To 3694.93 Then S 20.77 To True
Twp line SW cor of 60 rd. strip



May 12 1945

10

103

From 20 rod spike on town line
run N on Patton line

N W angle of railroad line
 $89^{\circ}38'$

sta @ 467.6 spike hub This J P 7 N 10° E 24.2
stake \nearrow J P 10 N 80° W 9.2

+ 332.1 ch. = 999.7 spike hub

This J P 8 N 12° E 17.0

" " 9 S 60° W 5.10

ch. + 185.2 = 1184.9 stake on line
S of old road @ 1197.7 & old road E + W
@ 1237.8 stake on line

+ 75.3 = 1313.1 spike hub

This J P 12 S $2^{\circ}10'$ W 11.9

W. 0.5 N $59^{\circ}30'$ W 4.5

1400 + - map N E S W

1313.1 + 510 = 1823.10 spike in 16" stumps

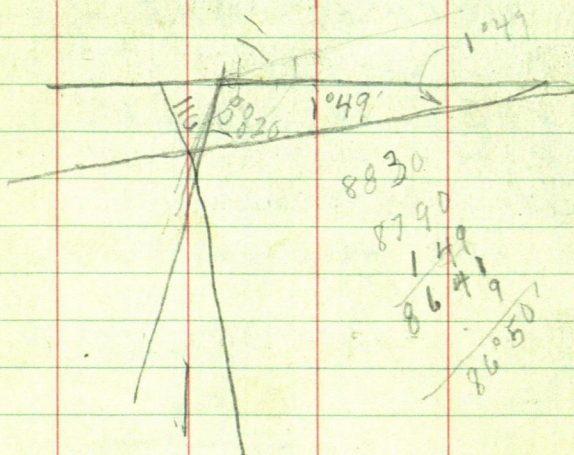
104

11

Lv Pillager 8:30 - J.W.C. & I
 From spike in 16" stump
 1823.10 N chain N 247.9 to
 2071.0 spike under N Var $7\frac{1}{4}^\circ$
 continue line N @ 2485.20 hub 602
 spike. + 53.2 = 2538.4 spike @
 intersection of old E & W &
 random 3657.8 W of $1/4$ on
 E side Sec. 38.

Tower 2538.4 read NE
 angl $88^\circ 30'$

@ 2654.4th intersect true E & W @
 $90^\circ 19' N$



Sept 20-1948

①

334 of H & Mc
Patton Letter 05

Sec 33-134-30

SEP 20-1948

R & Patton

Mc Guire

60 Rods of SW $\frac{1}{4}$ Sec 33

Mc Guire cut trees about 300
ft too far west. Trespass
I call it.

They now want my figures
Note: $\frac{1}{4}$ on So Side 33 was
set by proportion

But: The "60 Rods" was only
60 Rods as chained by me
me and Harold Curo and then
run North parallel to and 60 Rods
(990 feet) from the N and S $\frac{1}{4}$
of Sec 33-134-30 to connect
with the corrected East and
west centerline of the section

The 60 Rods connects
Exactly 60 Rods west of the
True center of Sec 33 where
the N + S crosses E + W lines
regardless of measurement -

at C & H

SEP 20-1948

John W Curo

106

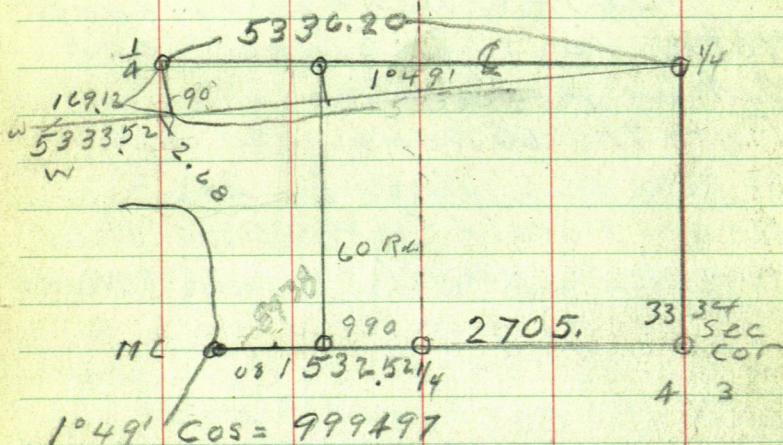
2

Sept 21-1948

134-30

1/4 old
BT

33-134-30



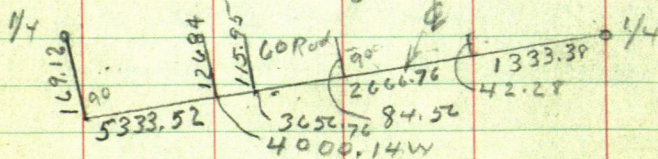
$$999497 \cdot 533352 (= 5336.20)$$

5333 52

2.68

Longer via True Line

33-134-30



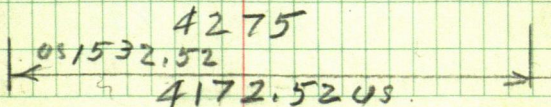
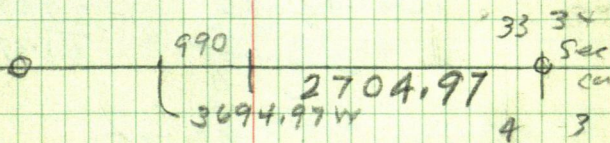
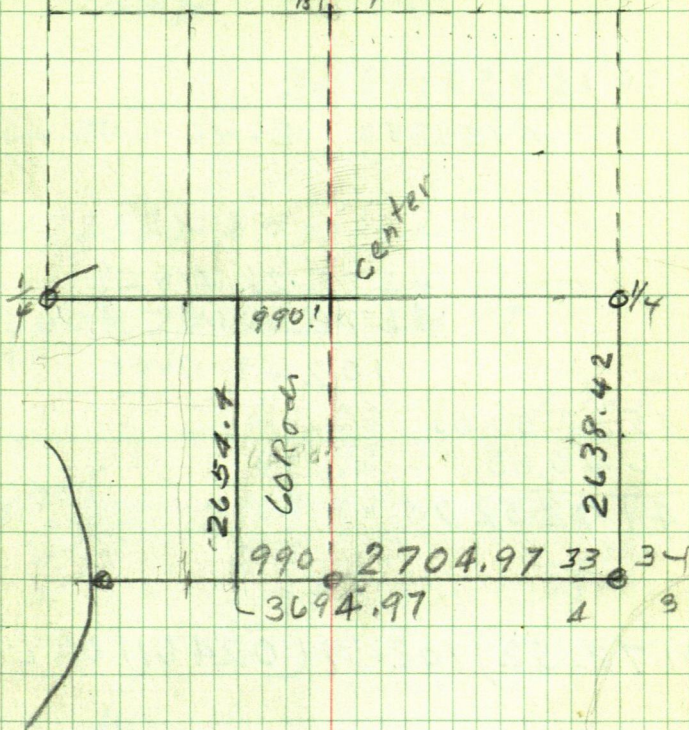
Figuring

3

107

Sec 33-134-30

old
RT. 1/4



108

4

4172.52 US

US 1532.52 2640

4275.26 MYCH

4172.52 US ch

102.69 over length

1532.52 US

2640.00 "

4172.52 US

4172.52) 102.69 (02461102 Long

$$\begin{array}{r} 4275 \\ 3695 \\ \hline 580 \end{array}$$

$$\begin{array}{r} 58000 \\ 99000 \\ 270500 \\ \hline 4275 \end{array}$$

$$\begin{array}{r} 4275.0 \\ 4172.52 \text{ US} \\ \hline 103 \end{array}$$

$$417.252) 102.69 \text{ (2461102 Long)}$$

$$2461102 \times 26.40$$

$$= 64.50$$

$$417252 \times 2461102 =$$

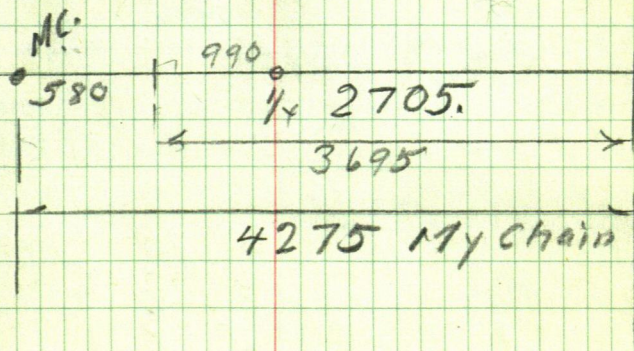
$$2640 \times 2461102 = 64.97$$

$$\begin{array}{r} 2705 \\ 990 \\ \hline 3695 \end{array}$$

$$\begin{array}{r} 2640.00 \\ 64.97 \\ \hline 2704.97 \\ 990. \\ \hline 3694.97 \end{array}$$

$$2705$$

$$\begin{array}{r} 2640 \\ 65 \\ \hline 2705 \end{array}$$



110

33-184-30

add BT
1/4 1/4

5336.20

5336.20 4002.15 2668.10 1334.05

1/4

3656.76 990

60 Pops

1/4

990

2705

8000

580

1/4

3695

4275

SEC 33-134-30

111

2' pipe 3658.10
990 2668.10

2654.4

3960.00

3658.10

301.90

2658.4

580

990

14

2705

33

34

TOWN LINE

pipe

1352

4

3

3695

3695.0

3658.1

36.9

2654.4

2678.4

16.0

2705

990

3495

3658.10

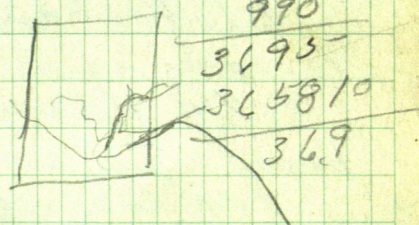
2705

990

3695

3658.10

36.9



Section 17-133-30 descriptions

Don A. Dally. Pillager Minn.
Wants IMs set and sketch for
G I loan to

West $\frac{1}{4}$ of N 28.5' rods of S 38 $\frac{1}{2}$ ' rd
of E 20 rods of SE $\frac{1}{4}$ of SE $\frac{1}{4}$
Sec. 17. Less S 200 ft

and also described as

West $\frac{1}{2}$ of the following Tract
beg. 10 rods N from the SE cor. of
Sec 17-133-30 thence N 28.5' rods
Thence West 20 rods thence S 28.5'
rods thence E 20 rods to starting
point Less S 200 feet.

Also, description
of tract along highway No 210
staked out and description
to cover said Tract.

The description
beg at a IM set by Hy Eng. to mt. property
said IM being 940 ft E + 33' N of
center Sec. 17 thence N 10° 30' E 321'
to I M. set by Hy. Eng to mt. property
thence N 81° 15' W along N & W line Hy 300.6
thence S 164.3 thence E 269.5 to beg.

133-30

113

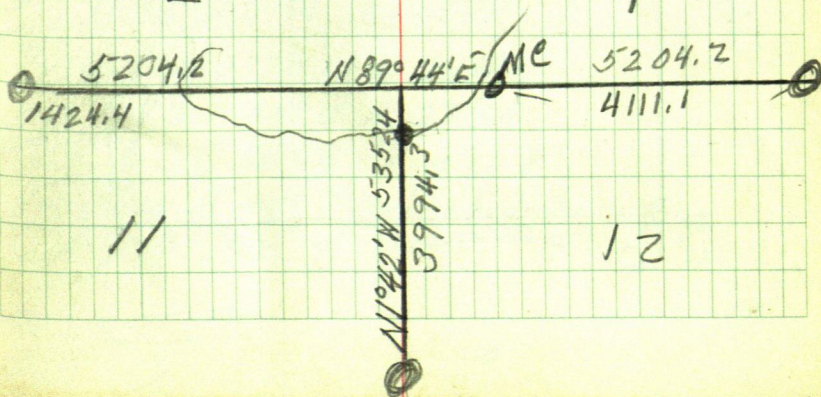
Record No 620 page 346-347, Book D
HJC4-5-8-9 Ties $2\frac{1}{4} \times - I, P.$ N.P. 14 N $49^{\circ} W$ 109.64JP 8 N $26^{\circ} 30' E$ 94.92JP. 13 S $48^{\circ} E$ 268.00NP 12 S $30 W$ 157.302-3-10-11 Ties find $\frac{3}{4}$ " pipe $1\frac{1}{2}$ ft
below groundTie K 6 N $83^{\circ} 57' E$ 51.50" 7 N $51^{\circ} 33' W$ 48.77" 10 S $31^{\circ} 52' W$ 54.10" 8 S $50^{\circ} 06' E$ 36.50

Record No 517 page 94-95 Book D

by RE Krueger

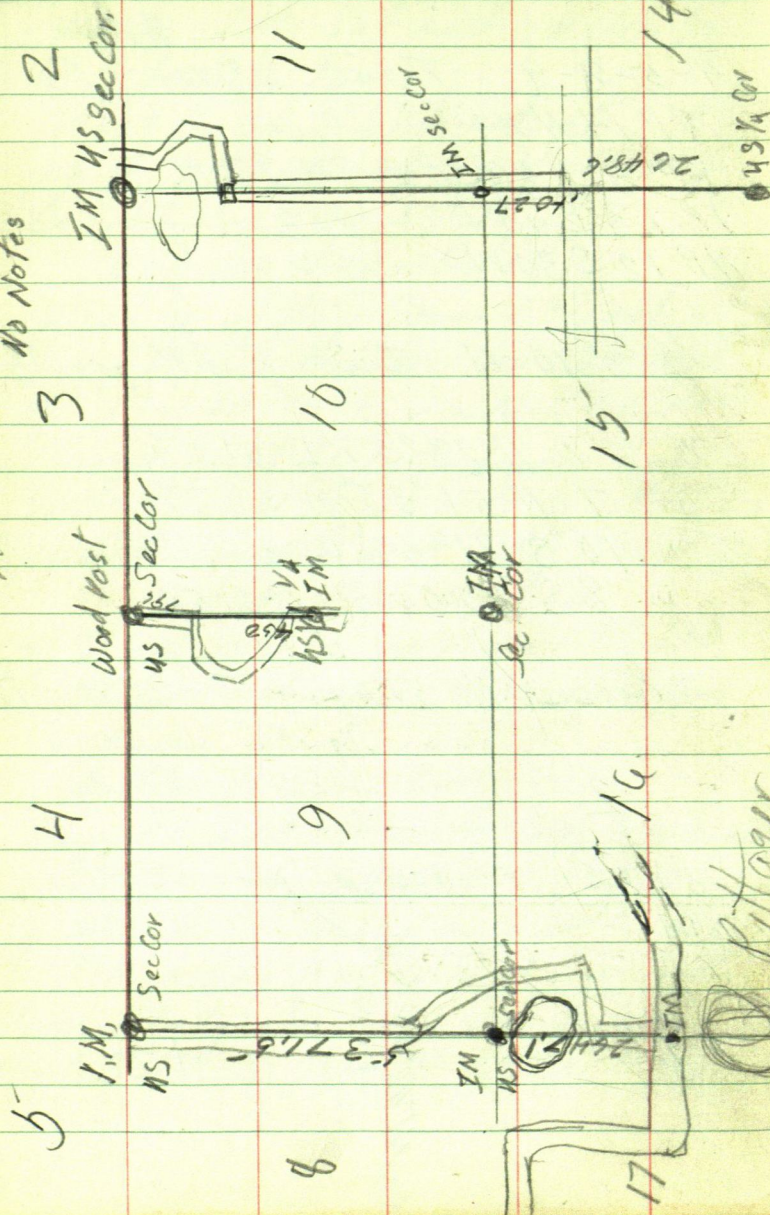
EBH deputy

2



Record 519 pg. 101 Book D
No Notes

No Notes



Record No 592 page 290-291 - Book D

JWC.

9

10

11

12

16

15

14

13

9-10-15-16 - 133-30

W oak 90 N 61° 10' W 267.9

IM. iron bar. N 43° E 46.67

JP 12 S 54° E 244.4

R.O. 12 S 48° 05' W 140

11-12-13-14 133-30

W O 4 N 71° 22' W 21.40

W " 3 N 54° 15' E 27.30

" " 3 S 32° 27' E 49.55-

JP 12 S 43° 27' W 157.8

116

$$\begin{array}{r} 200.3 \\ 197.3 \\ \hline 23 \\ \hline 164.3 \end{array}$$

SE cor sec 17 - 133-30

IM hut & fact in IM

E Tar NS & E givell at W
Ties

40° Spike in 8" Light pole N 47° 23' E 34.8

spruce or balsam? 14 - S 25° 33' E 75.92

Elm 2nd tree N of corner 14 N 33° 43' W 59.60

NE corner 12" Cement light pole

S 46° 08' W 33.05"

approx NW angle of street

N 89° 18' W we turn 90 and set

40° spike @ 165' + 165' ft.

from Center Sec. 17 chain

East along E old Tar 600+

668.5 run N @ 90° 33' to

point ⊕ 197.3 set spike on N & W

from 668.5 chain 263.4 to pt

Tower 263.4 S 16° W an E

668.5

263.4

931.9

run N 10° 30' E 33.6

@ 87.6 IM on New R & W

670.5 206

33

197.3 173

33

144.3

270

66

243.4

300.6

269.5

465

270.25

635.25

89.6 117

2

87.6

33.6

54.0

269.5

North

164.3

N10°30'E

37.5

Jack Rounds

Sec. 20-133-30

July 11th 1959

As I have had several calls from Edna O. Olson who is in Pillager I and Donald drive down to look things over.

here deed reads as follows

Charles Gardner & Ann his wife to Edna O Olson.

that Tract of land lying and being in lot 1 Sec 20 Twp 133 Rge 30 described as follows: Commencing at a point on the North line of said Sec. between lots 1 and 2 a distance 660 ft south for a point of beginning thence East 73.5 ft; thence South 627 feet to the bank of the Crow Wing River; thence in a westerly direction along said river bank to the west line of said lot 1; thence North to pt of beg also.

the following Tract of Land in lot 2 Sec 20 Commencing at a point at the meander line of the Crow Wing River about 72 rods South and 80 rods 7.5 ft west of the NE cor of Sec. 20 Thence

13 rods North; thence 13 rods West
thence 13 rods South thence to the
meander line of said River thence
following the meander line to the
place of beginning containing in all
2.24 acres it being the intention of the
parties of the first part to convey all his
rights or interest in any lands in
section 20.

Filed Aug. 8 1939 at 9 o'clock in
Book 76 of Deeds on page 526.

Joseph (Joe) H. Mountjoy
has Raymond Peterson tract in
Gov't Lot 2 Sec. 20 - 133-30

Abstract Transfer No 5 to Peterson
reads. Copied from JWC. book 15 pg 5
Elizabeth Smith to Raymond Peterson
Commencing at a point 513 ft S of
the NE corner of the NW 1/4 of NE 1/4 Sec. 20
133-30 thence S. 556.5 feet thence
S 3° 214.5 ft West thence S 3° E
234 ft to the edge of Crow Wing River
thence along the bank of said River
115.5 ft thence N 6° W 493.3 ft thence
N 56° 30' E 454.5 ft to pt of beg. (3.84 acres

Old Notes Book 15-

Dec, 18-1919

re-locate the cor to section 16-17-20-21

ground frozen to hard to dig up IM but as we
have an IM BIK corner 33'S & 33'E just
inside fence cor we find pt for true cor
over which we set T sight East 1321.32
to flag at $\frac{1}{16}$ IM also set by mer. Var $10^{\circ}30'W$
we take new BT.

10" tel. Pole N $69^{\circ}34'E$ 73.309" " " N $64^{\circ}10'W$ 58.85-12x12 Current Elect. light pole bears S $46^{\circ}53'W$ 336 tel. pole S $48^{\circ}38'E$ 35.83I M BIK cor S $44^{\circ}24'E$ 46.10 = 33S + 33ESE angl is $91^{\circ}22'$

Peterson & I walk S to M.C. on N. bank Crowwing R,
distance was 1802.75- to hole in old wood bridge
I located this M.C. 6-8 years ago from old NW BT,
which still stands green plainly marked
M.C. = $1\frac{1}{2} \times 100$ or 12 ft long nearly full length
in the ground for true M.C. to day we find
bridge gone a new one in its place
but I M M.C. is OK.

beg at cor to 16-17-20-21 chain went along
graded road West but from 17-20

at 1325.5 drove up to in & road turn $\frac{1}{16}$ cor
continue west at 2656.4 W old fence runs S

Old Note Continue d

this must be the $\frac{1}{4}$ cor as it is just 66 feet bet. fences on each side of road.

We drive a spike in E road 33 ft N of fence corner where fences run E-W-S

at 1328.2 West of Corto Mc 16-17 20-21

we drive a spike in S side of E & W graded road for true E $\frac{1}{16}$ bet. Sec. 17-20 showing road sags slightly North

We offset West 10 ft on account of row of hedge run S through Center Mc 20 lot One mile $\frac{1}{4}$ cor set 11 ft E

at $\frac{1}{4}$ lot Mc. 19-20 we find the old stake and Mark new BT

JP 8 N $64^{\circ}09'E$ 27.75 angl from N & S fence to 209 spike in flat

JP 14 S $24^{\circ}42'E$ 22.02 spot at base

E $\frac{1}{16}$ 1X1X9" drag tooth

New BT.

JP 8 N $23^{\circ}26'E$ 47.6

JP Stump 12 N $43^{\circ}25'W$ 93.82

Travel E $\frac{1}{16}$ BS E on Sec. Cor. Tams K

SE angl $89^{\circ}14'30''$ run South

at 330 ft at 1X1X9" drag tooth SE cor of N 10 acres Govt Lot 2

at 485.3 S we are in line with N edge
of line of Power Poles which run $S 53^{\circ} 30' W$
at 573.0 set $1 \times 1 \times 9$ " drag tooth

NE Cor. Raymond Peterson 384 acres

We go to $\frac{1}{4}$ Cor between 17-20-133-30
drive $1 \times 1 \times 9$ " drag tooth 33 ft N of fence Post
center and from a post 10 ft west to avoid
hedge on line we run south SE angle
 $88^{\circ} 21'$ at 330 ft thence East 10 ft set
 $1 \times 1 \times 9$ " drag tooth for SW Cor of N 10 acre
of lot 2

From N + S $\frac{1}{4}$ 10 ft W of true line at 1472 \pm
cross road NE & SW at 1493 we are in
line with N edge of Cement Power Poles
running $N 53^{\circ} 30' E$ at 2624. S we
are 10 ft west of true center Sec. 20

July 13 1959

John Ed & I to P. Hagier

chain in from Tin at NE cor Sec 20
 chain West 1328.2 set 409 yds
 in line from NE cor to pt 33 ft N
 of Fence corner Post at $\frac{1}{4}$.

Turn Temp E $\frac{1}{16}$ site E on flag
 at NE cor Sec 20 Turn SE angle
 $89^{\circ}14'30''$ and run South at
 330 in line with fence West do not
 look for drag tooth as thin pt comes
 in bottom of ditch

330 +

114.4

444.4 spike but under it

old Note. says at 485.3 S in
 line with N edge of cement power
 Poles

at 513. set 1X1X9" drag tooth

485.3

444.4

40.9

513.

444.4

68.6

513

485.3

27.7

433.1

173.9

607.0

July 14 - 1959

660

~~4444~~

as we cannot find and

215.6

of the corners being

MC under bridge MC E of sec cor
 on the $\frac{1}{16}$ cor. E on the $\frac{1}{4}$ bet. 17-20
 we use our line as it is

from hub under T. chain S 68.8 ft
 set hub. at 215.6 S set hub.

Tower 215.6 = 660 S of E $\frac{1}{16}$ cor. sec 20
 BS N on line turn SE angle & run
 E, parallel to N line 73.5 ft

at 215.6 = 660 S and is Miss

Olson's NW cor of 73.5 ft strip

Tower 660 S run E parallel to N line 73.5
 set hub continue S on E $\frac{1}{16}$ line from
 660 S chain S. at 200 which not on line
 $+ 210 = 410$ pin $+ 23.1 = 433.1$ hub
 under T run East parallel to N line
 73.5

Tower 73.5 BS on hub 433.1 and run S
 but big Basswood tree S and big tree
 N so offset 7 ft W + run S 173.9 ft to
 20 ft to go

1284.01 from NE cor S to N $\frac{1}{4}$ line

1312 from $\frac{1}{4}$ S to N $\frac{1}{4}$ line on N 45 E

12596.01

1248.5 on E $\frac{1}{16}$ to N $\frac{1}{4}$ line

660

607

1267,

1248

19. N of π to NW line at 8 ft S of π
 top of bank at 20.5 ft π out pt for SE cor
 of 73.5 ft step according to measurement
 given in deb. or 72 rods

also 13 rods N 13 rods W 13 Rods S

16.5 ft = 1.1 rod

13 rods

495

165

214.5

660

433

10931

173.9

20

193.9

1188

2145

9735

1093.1

9735

119.6

2145

193.9

20.6

1188

10931

94.9

165

72

390

1155

1188

10931

94.9

1093.1

973.5

214.5

3

$$\begin{array}{r}
 165- \\
 72 \\
 \hline
 330 \\
 1155- \\
 \hline
 11881 \\
 215.5 \\
 \hline
 972.5-
 \end{array}$$

$$\begin{array}{r}
 660 \\
 4331 \\
 \hline
 1093.1 \\
 972.5- \\
 \hline
 120.6
 \end{array}$$

at intersection of the 73.5 ft line
 with N to run E 25 ft thence
 S 32.5 to brink on N part Cow Wing Pond

Sept 23-1959

Don & I to Pillager in Pickup
get gas at \$ 4.75 -

at Pillager we get dinner and
drive to Dally's. He has a Road
Plat of Pillager we try and find
MC on N side Crow Wing River
under Bridge no luck drive
N + E & look for W 1/4 also MC
W side of Crow Wing River Sec. 16
no luck go to Cemetery
look for corner no find try at
Fair grounds & school grounds
still no luck

We at Town cor to 16-17-20-21
133-30 into S 46° 53' W on cor of Cent
light pole running SWC old ties
at about W 1/4 Sec. 16 - set
but 1 ft ± W of N + S fence
turn S E angle 91° 22' accord to
SWC old notes this should be
on Sec. line S to MC under
Bridge we chain S

Sept 24-1959

Don & I to Pillager from the Cor
Chain S to Bridge make south for MC

U.S. Notes

N side River bet Dec. 20-21
M.C. under Bridge is MCN^o 41

Oak 14 N 61½ W 92 =

W.P. 40 N 15 E 83 =

M.C. W side River S side Dec. 16 13 N^o 40

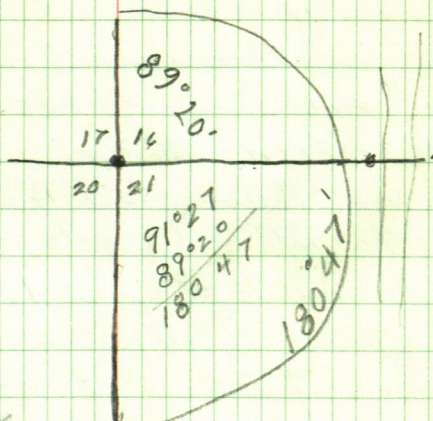
Oak 10 N 20 W 97 =

Elm 20 S 67 W 103 =

E side River bet Dec 16-21 MCN^o 28

N.P. 22 S 6 W 43 =

Elm 8 N 32 E 49 =

1st + 2nd
Bacon add
$$\begin{array}{r} 92 \\ 6 \\ \hline 552 \\ 332 \\ \hline 60.72 \end{array}$$


Sept 24- Continued

We chain E + look for MC, go around
and look for MC on E side of Crow Wing
River, go talk to man at Dam
He knows nothing of corners

Copy Descriptions from Abstract

Mr. Fred W Provolt Pillager Minn
Premises are subject to mineral reserves
as noted at entry #63 and subject to
reservations for flowage and access
as noted at entries 69-64-65

Lot 1 Sec. 16 & Lot 2 Sec. 21 - except
2 acres heretofore to the Security
State Bank of Pillager and 2.66
acres conveyed to Irene Parks
all in Twp 131 Rge 30

Subject to mineral rights & Reservations
and any and all reservations,
restrictions and easements of record
(Frank O Peterson to H. P. Stoner)

#64- All that portion of Gov't Lots
1 & 2 Sec 16-133-30 lying below &
under the 1186 foot contour line
which is the height above sea level
as established by the Federal Mississ
ippi River Commission The
grantors herein being the owners
of the remainder of said lots 1 & 2
hereby expressly reserve to themselves
their heirs & assigns, forever the right
to use the land hereby conveyed and

Book 9 of Deeds page 307

any part of the same both for themselves and their stock for the purpose of having at all times access to the Crow Wing River and to go upon over & across the said land at any time at their pleasure for the aforesaid purpose and said grantors also expressly reserve and except from the operation of this deed all the timber upon the land hereby conveyed and the right to cut & remove the same at their pleasure and this deed is given and is accepted by said grantee subject to all the rights & privileges hereby reserved by said grantors and it is agreed that the same shall endure to the benefit of all subsequent owners or any part of said lots 1 & 2 claiming title thereto through said grantors

Book 20 of Deeds page 454

Stones to Cuyuna Range Powers Co

132

10987

66
1647

65-

Lots 1-2-Sec. 16-133-30
reserving however as heretofore
reserved by ~~the~~ in favor of a
former owner of these lands
the right to use these lands for
agricultural purposes only the
right of access to water in Crow
Wing River & to cut & remove
timber from these lands

Sept 30th 1959

Dally calls I tell him I will be down
go to Courthouse copy plat of Baron's 2nd
Add to P. Hager eat dinner at home
Don & I to P. Hager get 15 gal Gas 4.60
from Sec. car chain E. $333.7 + 33 = 366.7$
should be IM $33 \text{ ft N.} + 346 = 732.7$ W should
be IM $33 \text{ ft N.} + 66 = 798.7$ should be IM 33 ft N.
 $N + 300 = 1098.7$ E should be IM $33 \text{ ft N.} + 66 =$
 1164.7 should be IM 33 ft N. at 1321.4 should
be IM $33 \text{ ft N.} + 138.6 \text{ N} = 1711.6$ N should be
IM. $+ 16 = 187.6 \text{ N}$ IM at 488.6 IM at 981.3
IM according to Plat on file surveyed
in 1914 by J.W. Curo filed in C-16 Reg. of
Deeds Office

We find the irons set by JWCare in 1914
at SW cor B/L 2 - SE cor B/L 3 at NE cor
Lot 8 B/L 2 NE cor B/L 2 and SE cor B/L
1 these Irons are along the W $\frac{1}{4}$ line
we run a line thru these irons South
and at $138.6 + 33 = 171.6$ set 60' spike
in E road for W $\frac{1}{4}$ cor.

Oct 1-1959

Don & I to Pillager Tower W $\frac{1}{4}$ Cor
set last night site Nor IM at NE
cor Lot 8 B/L 2, and chain N along
W $\frac{1}{4}$ line 33 ft set for R/w of street

Ties to W $\frac{1}{4}$ Fence post NE 13 ft

Oak 7 NW 30 ft 11 inches

Cement Power pole SW 24 ft 2 $\frac{1}{2}$ inches NE cor
of pole Fence post 6x10 \square cor post 19 ft 5 inches
NW cor. of post

134

Edward L Morey Matley Mear
Govt Lot 1 Sec 33 - 134-30 N of townshipMarch 8th 1960

Ed, Bob & I drive to Pillager
stop and find Don Dahle who
sold Lot 1 Sec. 33 - 134-30 N
of Twp Road He says he will
go out after dinner and show us
the $\frac{1}{4}$ cor NW cor said lot 1 we
get dinner and drive out and
look for this I M can not find
it drive back to Pillager meet
Dahle he is on his way to Mollie
tell us where to look, we go back
and sometime find the B.T.
to said $\frac{1}{4}$ I.M. from I.M. we
pick up hut on our old random
E & W & Sec 33 go E 186.8 ft and
look for the next hut on said
random line can not find it
drive back to Walker

$\cosine\ 999932 \times 2654,4 = 2654,22\ N$

136

Pillager Lake

March 9th 1960

Ed- Bob + I to Pine River get gas
\$4.60 onto Pillager Lake. Lv car close
to Yellow house + walk N to 1/4 cor
bet sec 32-33 - 1340-30

Take RR spike on our old Randam
S 38° 25' E 215.83 ft site N 38° 25' W
and run East on old Randam @
85.1 we find RR spike but not this
@ 5114.2 W we chain west to old RR spike
hub at 5012.6 W we find this hub
also the two pine stumps of the Ties
to this hub.

Take 5012.6 on old Randam @
Sec 33 - site W on flag at 5199.4 and
run North 158.94 to pt on true
E + W @ Sec 33 - 134-30

from corrected hub 5012.6 W =

5336.20 - 5012.6 = 323.60 distance from

5012.60
323.60 I M to corrected hub 5012.60 sep.

323.6 + 837.8 = 1161.4 hub pt from

want 1334.05 - 1161.4 = 172.65 to go.

110
62.65

5336.2

1161.4

4174.8

fig.

E & W ϕ E $1^{\circ}49'S$ or $S88^{\circ}11'W$ 4002.15Sine $999497 \times 400215 = 4000.14 W$ Cosine $031702 \times 400215 = 124.88 S$

from pt for W $\frac{1}{16}$ on E & W ϕ
 Site S parallel to the 20 rod line
 then turn plat E to come out 6.7 ft E of
 parallel lines

$$15.13 \div 3644.54 = .004151416$$

$$\begin{array}{r} 400215 \\ \text{fig } 3644.54 \text{ W} \\ \hline 357.61 \end{array}$$

$$\begin{array}{r} 4157416 \\ 53362 \\ \hline 2215 \end{array}$$

$$6.7 \div 2655 = 0026223091 = 0^{\circ}09'E$$

Pillager Lake

Mar. 10th 1960

Ed - Bob + I to Pillager Lake
in going on old road we traveled
yesterday we put chains on the pickup

From hub. 2161.4 E on E & W &
Sec. 33-134-30 we continue E & W &
E at 1334.05 E at $\frac{1}{2}$ X 24" Iron pipe
for NE corner Gov't Lot 1 Sec. 33-134-30
In E slope of big high hill about
772 ft from top.

Then NE cor lot 1 using N line
as E & W. run $50^{\circ}10'E$ along East
line said lot 1.

@ 73.4 hub on top + 300 pin + 121.45
hub + 190 feet enter bottom land @ 200 pin
+ 40 cross stream 2 ft down 1 ft wide
runs S E + NW (200 + 198 stream 2 ft wide
E & W - W 20 ft then SW 15 - S 15 W
at 210 cross wire fence at 2147 stake
on line at 300 pin at 2150 L. bog
enter higher land. @ 300 pin + 37.6
hub.

73.4	694.9
<u>300</u>	<u>300 pin</u>
373.4	99.49
<u>121.5</u>	337.6
494.9	<u>1332.5</u>
<u>200</u>	
694.9	

1332.5
<u>1327.5</u>
50

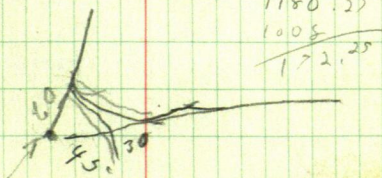
Mar 12th 1960

Ed - Bob + I to Pillager Lake
 Tower NW Cor Gox't Lot 1 Sec 33-134³⁰
 site E on N line of said lot 1 and
 ran S. $1059^{\circ}E$ calling N line E + u)
 at 250 enter clearing @ 300 pin
 + 158.9 - 458.9 hub in field + 93.0
 92.0
 551.9 hub on brink
 + 189.5
 741.4 hub on N slope of hill
 + 170.3
 911.7 hub in Φ road.

Tower 911.7 angle of road with line
 NW - $49^{\circ}27' - 43^{\circ}33'$

Cosine 75-9893 into 33 - 43.43 ut sth

At station 911.7 BS $N1059^{\circ}W$ run road Φ
 run S. $51^{\circ}25'E$ $180 + 158.75 = 338.75$
 Tower 180 run - S $51^{\circ}25'E$ 158.75
 run S $45^{\circ}17'E$ @ 1008 Φ check
 at 1180.25 hub.



At only 1180.25 run $N13^{\circ}28'E$ 218.2

Tower 218.2 BS S $13^{\circ}28'$ W run: N $34^{\circ}17'E$
 300 + 14.2 but intersect E line lot 1

Tower but 1332.5 S on E line lot 1
 run N 5 ft pt for SE cor lot 1 run
 S only to intersect road.
 1332.5 + 174.5 to but in \angle

Tower at 99 ft N $45^{\circ}17'W$ from pt 1180.23
 BS S $45^{\circ}17'E$ + take rough stada with
 flag pole of creek

70 - N $23^{\circ}10'W$ - 140 - N $11^{\circ}15'W$

220 North 280 - N $4^{\circ}40'E$

Edward L Morey of Motley
Minn. has bought a part of Gov't
Lot 1 Sec 33-134-30 from
Carroll G Patton on Pillager Lake
Copy of Deed

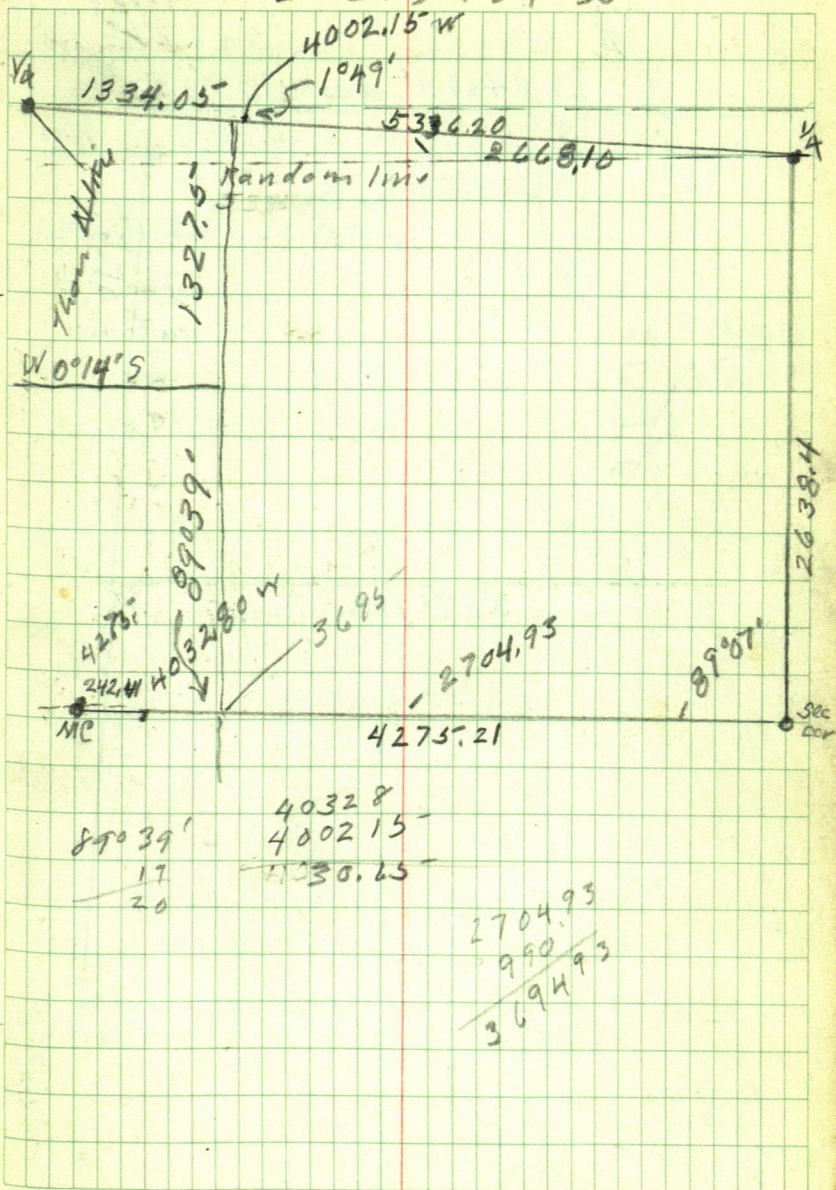
That part of Lot 1 lying North of
the Township Road. Sec. 33 Twp 134 N. R. 30
Subject to all mineral reservations of record.

Parties of the 1st part guarantee that
a creek in which party of the 2nd part is
interested courses thru and is upon
the land above conveyed and that the
boundaries of said land conveyed are
approx correct as represented.

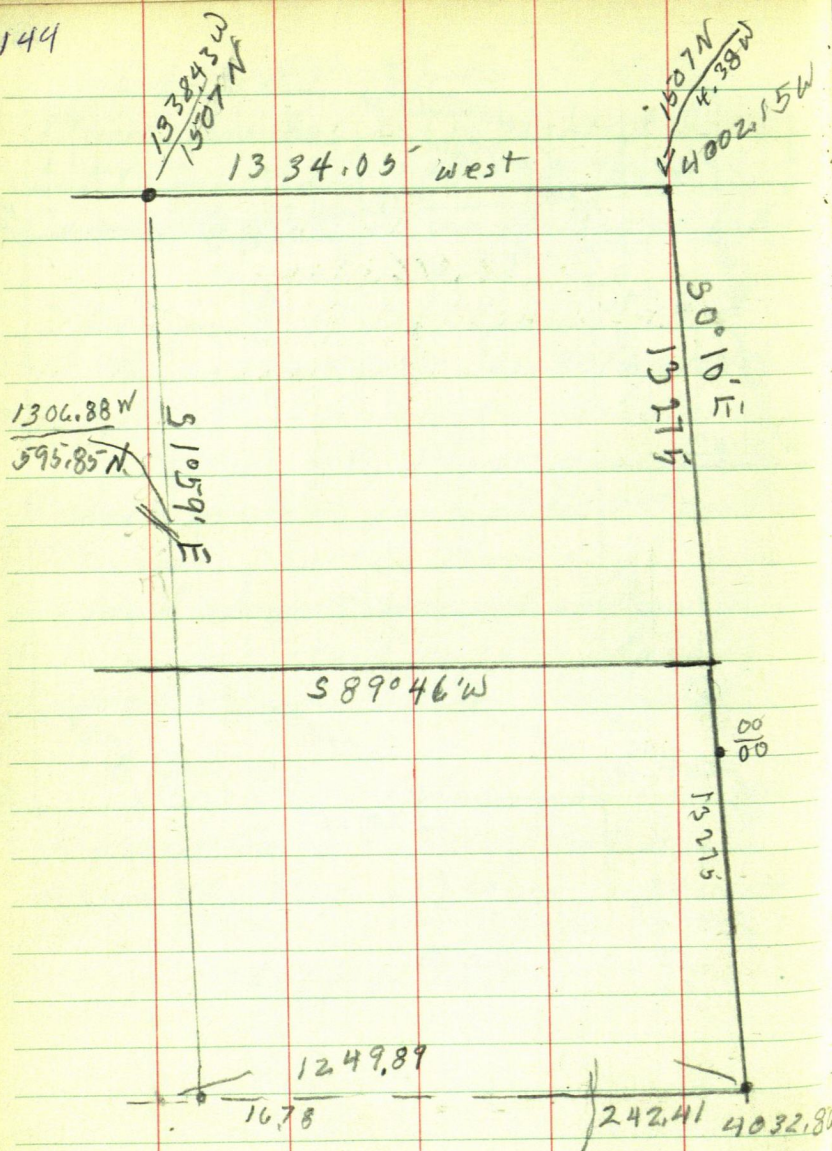
Mr. Morey does not like this
description as it does not state
where the Twp road is in said lot 1

102 106 107
See page 110-111

5 1/2 Sec 33-134-30



144



1007.48
242.41
1249.89

444
1678
6
10068
10068
1007.48

$$\begin{array}{r} 1334.05 \\ 1249.89 \\ \hline 84.16 \end{array}$$

$$\begin{array}{r} 24384 \\ 2715 \\ \hline 2660.55 \end{array}$$

$$2660.55 \overline{) 8416.00} \quad , 031632557 = 1^{\circ}49'$$

146

Pillager

Geo. Silrus

Nov. 26th 1960

Ed-John + I to Pillager at corner

16-17-20-21-133-30

Ties 40' spikes on 8" light Pole N47°23'E 34.8

Spruce or Balsam 14 S 25°33'E 75.92

Elm 2nd tree W of Cor. 14 N33°43'W 59.60

NE Cor 12" Cement + light Pole S46°08'W 33.05

at W $\frac{1}{4}$ cor bet Acc. 16-21

Ties Fence post NE. 13 ft

Oak 7 NW 30 ft 11 inches

Cement Power Pole SW 24 ft 2 $\frac{1}{2}$ inchesFence Post 6x10 \square corner post 19' 5"

to NW cor of Post

We find the spikes at both
corners - check them with
ties O.K.

Conveyance of Forfeited Lands

State of Minn to George Silrus

 $\frac{2}{5}$ acre of Park's tract unplatted

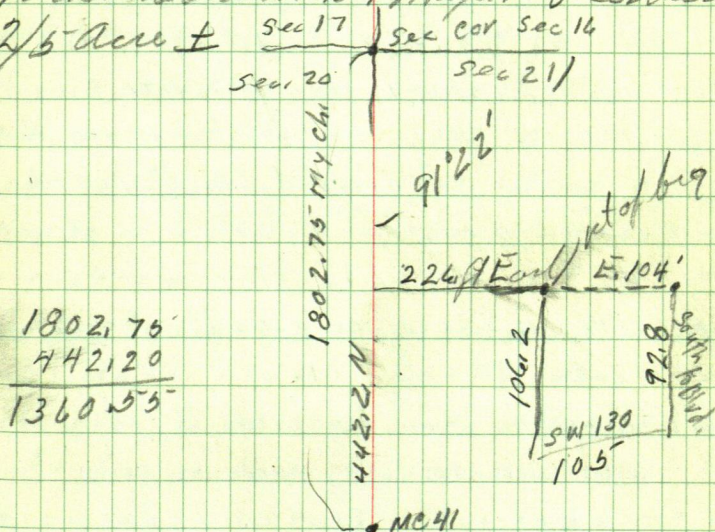
Village of Pillager Sec. 21. Twp. 133

Age. 30 more fully described as

Beg. at a point 442.20 ft North 226

ft East of Meander Corner N^o 41 Villageof Pillager thence East 104 ft thence
South to N boundary of Larsa Boulevard

Thence 130 ft in a S westerly direction
 along the North boundary of Lara Blvd.
 thence North the point of Beg. being in
 Parks Addition to P. Hager & containing
 $2\frac{1}{5}$ acres \pm



Then Sec cor. cor to Sec 16-17-20-21-133-30
 site E on flag at W $\frac{1}{4}$ cor spike. Turn
 R, $91^{\circ}22'$ & run South 1360.55' to pt
 442.2 N of MC N^o 41

Then 1360.55' site N on sec cor. & Turn
 R $90^{\circ}22'$ to pt of beg & continue East
 104' to pt

Then 226' Turn 90° run S to Blvd.

Then 104' " 90° " S " "

ELMER Hengle 17-134-30
owns Gout lot 1 Sec 17 134-30
which he wants to Plat

I cant find any record of any work done
IN this sec but his neighbors say that
there was a survey made and in Field Book
79 Gorman says he has to run the line
between 8-17 but there is no record of it.
Sat Nov 20 I drive to rock lake to
look things over, Elmer & I drive
to MC #21 east side rock lake then to
MC #18 N side Lake. We then go to
where the MC should be on the west side
but there is no evidence we walk west
to NW cor sec 17 where he shows me
a tree where the forestry had a tag but
they had taken it in to check for marks
and as they have no record of it. I
find a 14" IP with old scars grown over
no axe to chop it open with will check
this later. it faces a pot hole in that
same direction as where

had a deer stand in a tree, he
said that he used to see a 3" pipe
in this pot hole about 20 years ago
no other evidence here

We then walk east to where the $\frac{1}{4}$ cor should be this is a swamp and there isn't any evidence here another neighbor said he had a survey his Govt lot in sec 8 and this cor was one of his corners he said it was a 3" pipe with cap and that he put cement blks around it. We then drive back to his house I tell him I will start work tomorrow. Stop in Pine River tell Albert Martin I will pick him up at 8:00 call Barry leave message for him to me us at pillager at 8:30 If the weather is decent we will triangulate across the lake

5-10-10

126-00-55

126-01-12

252-02-25

00-58-40

1-57-10

00-58-35 -20' = 38'35"

52-59-20

105-59-10

52-59-35

171-51-05

343-42-50

171-51-25

7-54-30

171-30-25

343-01-20

171-30-40

81-52-45

147-45-40

81-52-50

198-05-10

36-10-50

198-10-25

50-17-25

100-35-05

50-17-32

154-12-30

308-33-50

154-16-55

40

39-53-55

79-47-50

39-53-55

157-12-40

314-26-20

157-13-10

79-10-45

158-21-45

79-10-52

44-12-45

88-25-15

44-12-37

7-09-30

14-19

7-09-30

36-51-55

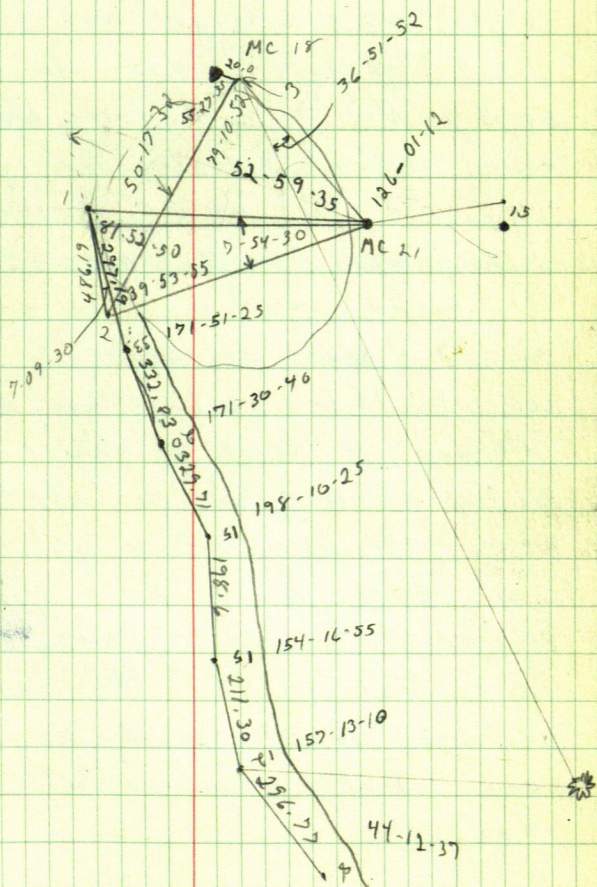
73-43-45

36-51-52

Sunday Nov 14

Barry meets us at P. Hager, we
Drive out to Rock Lake Set T @
Mc East side lake Drive around
Set spk 20 E of Mc on N side lake drive
around to west side set spk in E
Road between culverts in creek sta 1

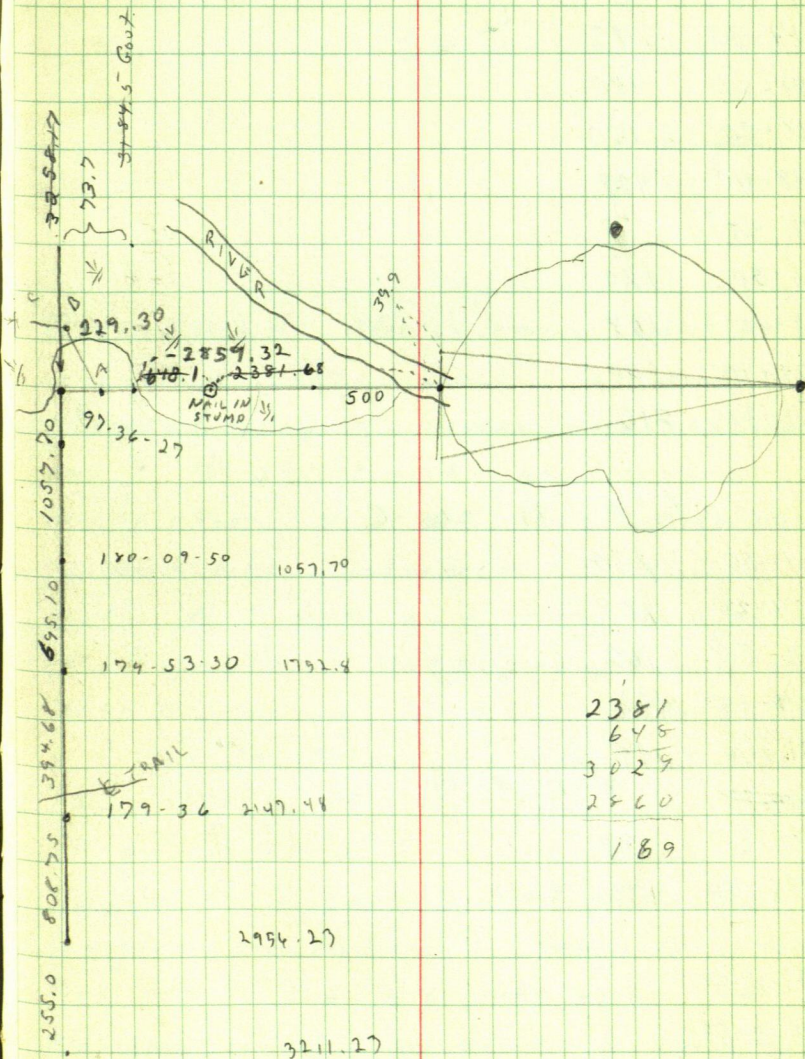
44-12-45
~~88-25-12-44~~



Set another point Down shore sta
2 we then turn all the angles
and measure the base line as it
starts to snow to hard to see across
the lake and the swamp to the west
isn't froze over yet we start a shore
line Traverse. 6 hrs for crew.

Friday Nov 26 I drive back home from
mpls Mary & kids stay there. Sat morn-
ing I pick up Al Martin we drive
to Rock lake Barry doesn't show up so
we start random line west n side
sec 17 brush all the way to where the sec
cor should be quit for day 6 hr.

Monday I drive to Walker to court House
to look up original Govt Note can't find
any go to land Office get aircil photo
\$2.00 drive to pine River pickup Al on to
Pillager to Lovestoy Office copy original
notes for sec 17 then to Rock lake take
snowmobl back to NW cor sec 17 start line
south. brush about 1/4 mile quit for day
4 hrs



$\bar{A} @ A B S E$

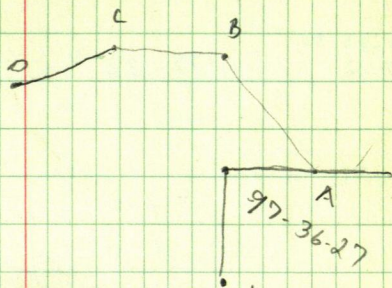
0	86			
326-55	102			
314-30	145			
281-50	180			
265-20	150			
248-40	128			
187-45	77			
166-50	120			
168-10	168			
175-10	240			
223-30	210			To B

$\bar{A} @ B S C$

111-50	130			
134-20	108			
142-50	162			
154-00	102	$\bar{A} @ B S$		
171-30	195			
183-10		$\bar{A} @ B S C$		
183-30	80			
195-00	130			

97-36-20
97-36-27
195-12-55

180-9-25
0-19-40
180-9-50



Friday 12-3-91 Alberto & Tommy work on
 brush line South 6 hrs. Sat morning
 I meet Barry at Misswa drive out to
 sec 4. 135-29 finish job for Harry
 Hendrickson see br 300 then we drive
 to Rock Lake intersect E-W line
 with N-S line and turn angle
 we then run a stadia traverse to locate
 edge of swamp. Sunday Albert, Mike
 & I go to Rock Lake Al & Mike start
 chaining west then they chain south
 Al quits at 2:00 goes home to take
 Joyce to Hospital Mike & I turn
 angles on N-S line then look for
 ties to $\frac{1}{4}$ cor west side sec 17 I find
 old pine stump but no marks on it.
 there are no other pine stumps visible

179-53-10

359-47

179-53-30

179-35-50

359-12

179-36

56-51-00		509.77
113-41-45	56-50-52	

141-22-05		
292-45-00	141-22-25	728.25

71-16-25		
142-32-55	71-16-27	125.4

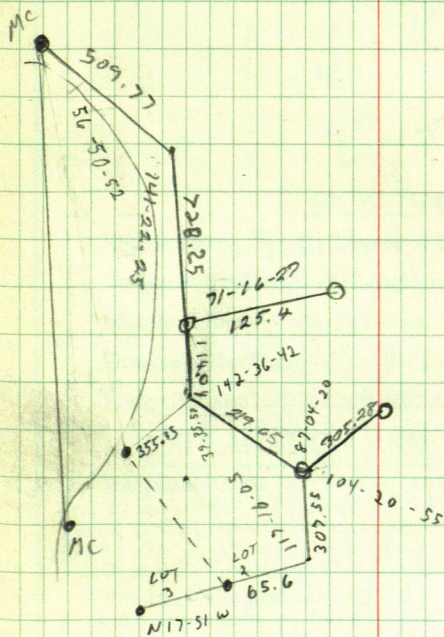
142-36-35		
255-13-25	142-36-42	219.65

87-04-30		
174-08-40	87-04-20	305.28

104-21-05		
202-40-50	104-20-55	

112-16-15		
234-32-05	117-16-02	

39-33-50		
79-11-40		



22012

1810

1180.25

2980

2604

376

627

660

1287

1180

90°

91°

22°

179.9 140
755

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1½
For Single Track Embankment.

120.4
6
114.4

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	0
1	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	1
2	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4	2
3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	3
4	14.0	14.2	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.4	4
5	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.9	5
6	17.0	17.2	17.3	17.5	17.6	17.8	17.9	18.1	18.2	18.4	6
7	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	7
8	20.0	20.2	20.3	20.5	20.6	20.8	20.9	21.1	21.2	21.4	8
9	21.5	21.7	21.8	22.0	22.1	22.3	22.4	22.6	22.7	22.9	9
10	23.0	23.2	23.3	23.5	23.6	23.8	23.9	24.1	24.2	24.4	10
11	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.6	25.7	25.9	11
12	26.0	26.2	26.3	26.5	26.6	26.8	26.9	27.1	27.2	27.4	12
13	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.6	28.7	28.9	13
14	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.1	30.2	30.4	14
15	30.5	30.7	30.8	31.0	31.1	31.3	31.4	31.6	31.7	31.9	15
16	32.0	32.2	32.3	32.5	32.6	32.8	32.9	33.1	33.2	33.4	16
17	33.5	33.7	33.8	34.0	34.1	34.3	34.4	34.6	34.7	34.9	17
18	35.0	35.2	35.3	35.5	35.6	35.8	35.9	36.1	36.2	36.4	18
19	36.5	36.7	36.8	37.0	37.1	37.3	37.4	37.6	37.7	37.9	19
20	38.0	38.2	38.3	38.5	38.6	38.8	38.9	39.1	39.2	39.4	20
21	39.5	39.7	39.8	40.0	40.1	40.3	40.4	40.6	40.7	40.9	21
22	41.0	41.2	41.3	41.5	41.6	41.8	41.9	42.1	42.2	42.4	22
23	42.5	42.7	42.8	43.0	43.1	43.3	43.4	43.6	43.7	43.9	23
24	44.0	44.2	44.3	44.5	44.6	44.8	44.9	45.1	45.2	45.4	24
25	45.5	45.7	45.8	46.0	46.1	46.3	46.4	46.6	46.7	46.9	25
26	47.0	47.2	47.3	47.5	47.6	47.8	47.9	48.1	48.2	48.4	26
27	48.5	48.7	48.8	49.0	49.1	49.3	49.4	49.6	49.7	49.9	27
28	50.0	50.2	50.3	50.5	50.6	50.8	50.9	51.1	51.2	51.4	28
29	51.5	51.7	51.8	52.0	52.1	52.3	52.4	52.6	52.7	52.9	29
30	53.0	53.2	53.3	53.5	53.6	53.8	53.9	54.1	54.2	54.4	30
31	54.5	54.7	54.8	55.0	55.1	55.3	55.4	55.6	55.7	55.9	31
32	56.0	56.2	56.3	56.5	56.6	56.8	56.9	57.1	57.2	57.4	32
33	57.5	57.7	57.8	58.0	58.1	58.3	58.4	58.6	58.7	58.9	33
34	59.0	59.2	59.3	59.5	59.6	59.8	59.9	60.1	60.2	60.4	34
35	60.5	60.7	60.8	61.0	61.1	61.3	61.4	61.6	61.7	61.9	35
36	62.0	62.2	62.3	62.5	62.6	62.8	62.9	63.1	63.2	63.4	36
37	63.5	63.7	63.8	64.0	64.1	64.3	64.4	64.6	64.7	64.9	37
38	65.0	65.2	65.3	65.5	65.6	65.8	65.9	66.1	66.2	66.4	38
39	66.5	66.7	66.8	67.0	67.1	67.3	67.4	67.6	67.7	67.9	39
40	68.0	68.2	68.3	68.5	68.6	68.8	68.9	69.1	69.2	69.4	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 41.9. For same slopes but other widths of roadbed correct above figures by one-half difference in width of roadbed; thus in example above for 20 ft. roadbed distance will be $41.9 + (20 - 16) \div 2$ or 2 ft. added to 41.9 = 43.9. For slopes of 1 on 1 see inside of front cover.

MADE IN U.S.A.

M. BAKER

LEY AT LAW

Box 586

MINNESOTA 56484



Rutger - SE Cor. -
La Liberte East end North line
Section line bet. sections 16-21-137-28
West shore Whitefish Lake.

1857.5 ft West from corner 15-16-21-22-137-28 and,
866.74 ft East of pt for. $\frac{1}{4}$ Cor. bet 16-21- - M.E.

2 $\frac{1}{4}$ X 36" pine ties
White Oak 9 N $13^{\circ}00'$ E 40.15 ft
" " 7 S $28^{\circ}33'$ W 34.75"

2 Red Oak 12" stand 2 ft apart take South Oak =
Red Oak 12 S $75^{\circ}00'$ W 40.95" to spot at base Page 88
Book 260
Turned from True meridian = So. line Sec 21-
Whitefish lake S. $70^{\circ}E$ 13 ft top of 3 ft cut bank 4 ft from
Water to take Shore line

Rutger Road

Sta 9. = RR. spike on section line & road
crooked spike - B.S. on Sta 7 & 8. - S $1^{\circ}58'E$
Ties

N.P. 15 S $89^{\circ}10'$ W 88.00

" " 14 S $29^{\circ}50'$ W 46.28.

Run. S $89^{\circ}42'$ W - 33 ft = crooked RR. spike - Page 91
Book 260

" N $89^{\circ}42'$ E - 33 " spike

" N $12^{\circ}53'E$ 201.3 to sta 10

" S $89^{\circ}42'$ W on true line 88.70 = RR. spike 0.20' N of base of 15" N.P.

" N $12^{\circ}53'E$ to Sta 10

Now Sta 10. B.S. S $12^{\circ}53'W$ on Sta 9 = Sta 10 = RR spike 6' W of & road

Ties to Sta 10.

W Oak 9 - S $89^{\circ}10'W$ 21.31

" " 10 S $12^{\circ}32'E$ 32.10

} Page 92
Book 260

Check with book 237 pg. 51

Page 100 book 260

We go to hub 340.5 E chain West 5050 to my old hub chained
from the East = 335 ft East from (1/4 corner N side Sec 21 on line)

Tower 335 pt for I.M. focus N 89° 42' E on line

Ties Red Oak 3 S 57° 30' W 7.15 old ties

" " 4 S 37° E 10.05

Left from Top of Cut bank 15 ft from foot 30 ft from water

East on true line 35 ft to pt for I.M. 370 ft E of 1/4 corner

@ 618.8 hub on top, + 78.7 = 697.5 = R.R. spike 0.20 N of N side 15" N.P.

Continue East 618.8 + 134.4 = 753.2 hub W. R-of-W + 33 = 786.2

& road + 33 = 817.2 hub E R-of-W

618.8 + 247.4 = 866.2 I.M. + 13.8 = 880 to low 1 ft. cut bank

Water's edge Whitefish lake NE SW

From 335 E run S 66° 50' W 108.4 = 3/4 x 7' birch hub.

Ties NP 16 N 56° 10' E 45.35

" 17 S 44.44' E 39.32

Tower 618.8 E on top focus N 89° 42' E Ties

Red Oak 10 N 23° 10' E 23.90

" " 9 S 49° 15' E 21.70

Tower my old 2" pipe on true N & S & 2531.6 ft N of Center Sec 21

B.S. S 0° 57' E old Ties W. Oak 15 S 20° W 2015 - old spot

Twin R. Oak 8-8-15 at base S 30° 40' E 17.6

@ 2530 N set a 2x10" pipe 90 ft. South of 1/4 Cor

@ 2562. = 2x30" wood stake 3 ft from water

Note - 2530 N we cover with sand

@ 2500 N set big R.R. spike

(Note) 12" N.P. on true N & S & 5 ft up

at base line cuts center of E 1/2

6188

370