

154

Geo. Ahl Pig Lake  
D 23-137-28. 1920  
Garold Curo-Babcock

Rat Farm 1922  
② 1-2-130-28  
Wagon  
Ericson Boyer

IVY LEAF

13-30



No. 1203



INDEX. 154

This Book No 154  
Ahl Survey

See 23-137-28 - SE of NE 1/4 11.

Page 15 Board SHEET For AUG. 1920

Page 16 TIME SHEET For AUG. 1920,  
Patton

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

P 6 Patton P 9 18



2

23





49

Pig Lake

$10N64 \frac{1}{2} F 64 = 42.24$   
 $10N64 \frac{1}{2} F 117 = 77.22$

yp 16 N 16 W 55-36.3  
yp 14 S 43/45 77 = 50.82

2568 LKS.

5438 LKSW  
TOME

$YD7N59W23 = 15.10$   
 $HP7N60^{\circ}E14 = 9.24$

2.3

JP8S72 1/2 E 9 = 5.94  
JP10N74 1/2 W 13 = 8.58

$12N73E28 = 10.49$   
 $12N56W97 = 64.92$   
 $16S55E43 = 28.38$   
 $16S66W84 = 55.44$

3046

2774

$$\begin{array}{r} 28 \\ \hline 8 \end{array}$$

8000  
441  
7559

8000  
7669  
331

331

13

78

$$\frac{78}{858}$$

594 9

15

M.C. W 018 N 59 E 1 X = 29  
" " 20 N 73 W 159 = 104  
W 020 N 95 E 503 =  
" 42 S 41 1/2 E 170

1336 331 / LKS

7669



Sunday Aug. 1, 1920

Jack, Alma & Reid start for  
Little Pine, Harold & I stay  
at Pig Lake and run the North  
half of the west line of Sec 23.  
Cut about  $\frac{1}{4}$  mile along old fence 5.30  
come back for supper. After supper  
brush out the North  $\frac{1}{4}$  mile  
and find that I will have to  
cut more on East side of the  
road



Monday Aug. 2, 1920

260 not felt good but work  
cut out rest of the line of the  
west side of Sec 23 but could  
not see Back shot on the N  
end of line. Come home  
for dinner.

After dinner try to work  
transition line and keep  
cutting brush feel worse at  
night.



Tuesday Aug. 3, 1920

not any better but try  
to work but can not so  
go to Caben and write to  
Lb. and J. " "



Board Sheet Aug. 1920

Board with Mrs.

SUN. MON. TUE. WEN. THU. FRI. SAT. SUN. MON. TUE. WEN. THU.  
 1 2 3 4 5 6 7 8 9 10 11 12

Carol Curo  
 J.P. Babcock

S D S D S D  
 S D S D  
 S D S D



TIME SHEET For Aug. 1920.

Sat. SUN. MON. TUE. WEN. THU. FRI. SAT. SUN. MON. TUE. WEN. THU. FRI.

JULY 31 1 2 3 4 5 6 7 8 9 10 11 12 13

John W. C. v. r. 4 5 6 7 8 9 10 11 12 13

J. R. Babcock. 4 5 6 7 8 9 10 11 12 13

G. A. Old Corp. 4 5 6 7 8 9 10 11 12 13



17

R &amp; Patton

① 133-30

July 23-1926-

L Jenkins Minn 7-15 AM  
at Peltage Lake 8-15 "

Find RGPatten working

Go to Cor

 $\frac{1}{4}$  Cor Bt 32-33-134-30 US Nails Say  
NP20 NL7E 43 = 28.38 FT OK stump

Pin 22 S 37 W 27 = 17.82

Find stump NE BT mhd at base and  
old SW BT burned short. Not mhdSet  $\frac{1}{4}$  Cor by flat chain from  
face of stump flr which the angle  
turns perfect for course @ — verTown Herald's Hut 5280 W  
The  $\frac{1}{4}$  Bear N 17° 33' W 178.2 feet

Town Truex Cor BS- S 17° 33' E

Old BTS bears N 69° 30' E and  
S 40° 30' W

New BTS

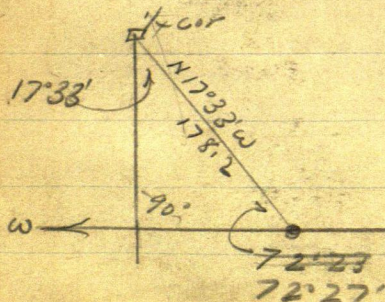
JP 12 S 85  $\frac{1}{2}$  E 13.8

JP 6 N 26 W 20.3

Turned from random

See Book 261  
1942

NIX





July 23-1926  
Cont'd

133-30

(18)

(2)

MC N. Burnoak 13-North 260 = 171.60  
Tam 8 N 48° W 54 = 35.64

Tam 8 N 25° 54' W 11. 8/12

7 N 29° 22' W 37. 3/12 ?

Dead Tam 8 N 9 N 28° 49' E 11. 4/12

→ 20. d. Spide

41. 1/12 SW From Hub To MC,  
S 58° 40' 41.9 ft

213.6 = 213

Note: The above is what I  
have just copied from some  
loose sheets of my survey

John W. Cress  
Sept 28-1928

And here is more:-

BP 12 N 74 W 36 = 23.76

VP 8 N 34 E 53 = 34.98

MC,

SP 10 N 74 E 22

Tam 8 S 6 W 12

5350

4000

1350

1350

66

810

810

891.00

53

318

318

34.98

36

216

216

2376

Hub 347 W = 3 1/4 N

7 N 47 W

7" JP new Tookin bore

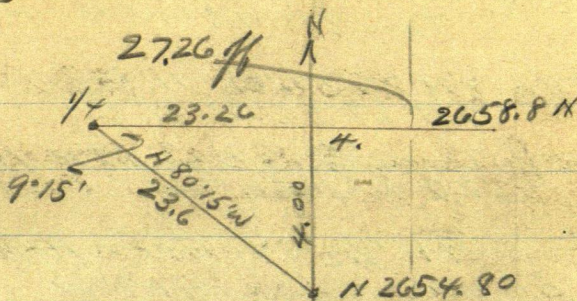


19

More about some leaves

July 28-1926 Continued (3)

27.26  
13.63



SIN. 1694  
or 9855  
236  
59,130  
29563  
19710  
23.2578

1694  
236  
10164  
5082  
3388  
3.99784

2654.8  
4  
2658.8

23.26  
4  
27.26

Further 4.2

Correction 10.248

Hub 151N 902 E 4 Then W  
6188 N " E 4 " W  
1205.3 " " E 4 " W  
1317.4 " " E 4 " W  
1329.4 N " E 4 " W 13.63  
1800.6 N " E 4 Then W  
2181 N " E 4 " W  
2654.8 N " E 4 " W  
2658.8 N " E 4 " W 27.26 1/2  
3000.4 N " E 4 " W (1.0102 x 8)

From 26.7 x 135 50 1/2 and  
run North

30.7 x 8  
26.74



More loose leaves viz

July 28-1926 wed 133-30 Patton

①  
Ls Jenkins 8-30 AM Harold & his  
Frd Geo Newman Reed and  
J W Curo  
grind axes 2 miles N of Pelloger  
Lake 10-15 AM.

4-5-8-9-133-30

US Valis Ray

BP 75 12 E 4 = 2.64 OK Plain

BP 8 N 76 E 9 = 5.94 OK.

BP 8 N 33 W 53 = 34.98

BP 6 S 87 W 6 = 3.96

Find old stake 2x2x36  
set by me years ago

SW Stump 4 ft tall marked  
plain

New BTS

JP 10 N 68° E 13.75

JP 11 N 41° 30' W 32.80

" 9 S 67° 30' W 30.60

" 8 S 41° 30' E 11.50

4.2 ft 20 of 6" Cor Post of fence  
N-S-E

Begin @ Pt 4.20 N of Cor T.  
4-5-8-9-133-30 = 6" post

East on old liant line

151.00 Hub on top of Big Hill +

300

451. stake +

167.8

618.8



21 July 28-1926 cont'd ⑤

618.8 Hub at foot of hill +

$\frac{3}{918.8}$  slabs 30 ft N of & road NW-SE

$\frac{918.8 + 286.5}{1205.3}$  Hub on hill top

All go to dinner cook lunch on  
to Bank of Pellager Lake  
Forgot our big tea pot

1-05 PM,

PM

20 @ 2-10

1/ BP 12N 74W 30

1/4 NP 8N 34E 53

MCN-17 SPR. 1057 x E 22  
Tam 856W 12

1205.30

$\frac{70}{1275.30}$

E x W 12 ft E of cor post of fence  
N-S-E

1205.30

$\frac{112.1}{1317.40}$

20 of 3x3x30 slabs set by Patton's  
surveyor for 7/16 set Hub 1.2

1317.4 N is 12 ft E of cor post of fence  
S and W

$\frac{1205.3 + 300}{1505.30}$

$\frac{300.70}{1806.00}$

Hub +

$\frac{3}{2106}$  slabs in side of

hill 2106 - 189 = 1917 Fried 2"

slabs set by Patton's surveyor

2106 + 75 = 2181 Hub on Peak

2181 + 150 = 2331. Slabs on side hill



July 28-1926 Encl ⑥ 22

$$2331 + 143 = 2474 \text{ Fens NW-SE}$$

$$2331 + 153 = 2484 \text{ E Road}$$

$$2331 + 300 = 2631 \text{ Lake +}$$

$$\begin{array}{r} 223.80 \\ \hline 2654.80 \text{ Hub} \end{array}$$

$\frac{1}{4}$  old BTS

N 63°30' W 18.90

N 20°30' E 18.70

NW old BT

N 62°20' E 7.00 Ft = 7" JP Tack

NW JP 7 N 75 W

8 S 14 W

④

2654.8 N Th  $\frac{1}{4}$  bear

N 80°15' W 23.60

$$+ 52 + 298 = 350 =$$

3004.8 Lake

3004.8

4.4

3000.4 Hub

2654.8

350

3004.8

9°45'

Sin 1679 = 1694 OK

Corr 1708

3387

1694

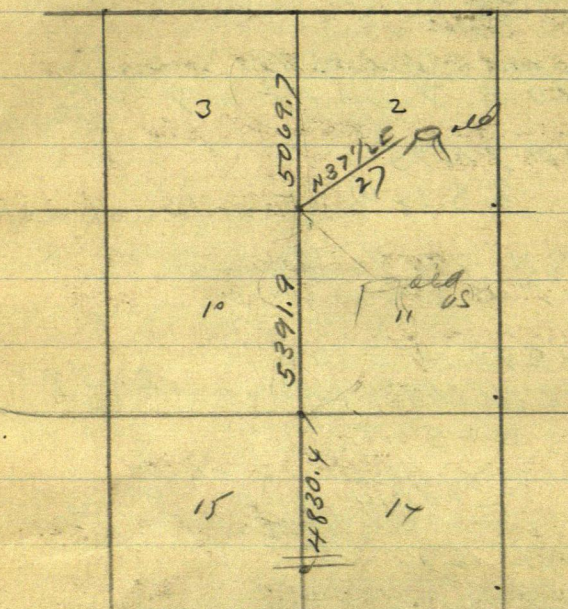
Corr 9858

9855 OK

*Note above copied  
from loose sheet*



133-30



April 8-1948 checking  
 see P 88 Book 293  
 20 years apart



24

⑧

and here is more Cows  
Sept 28-1928  
Copied from loose sheet

JP 6 NE 41.15  
" 5 NW 40.95  
" 8 SE 40.00  
" 4 SW 38.60

Paul E Rundell married  
SW Cor

Ch W - 300 - 350 W pld

He Big Hill

900  
100

740 enter out field

150 ~

900 in oats 960 W

1200 - 1320 sth 12 - 300 sth

5.3 W of N-S fence ??

②

Patten running July 6-14 26

2040 3960

"2" 12 ft W of 7 SW

3900 + 200 = 4100 sth Mackenzie

4225 sth 6 ft E road

NE SW 4280 sth on 5 ft seawall

N-S 7 ft E of water

2250  
1250  
2400

2250  
450  
2800



25

⑨

134-30

31

32

31 32

6 5

14 0 IM

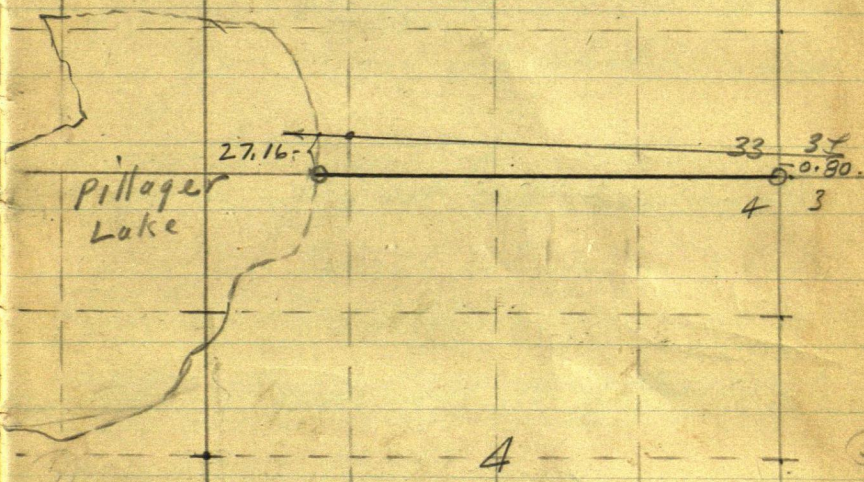
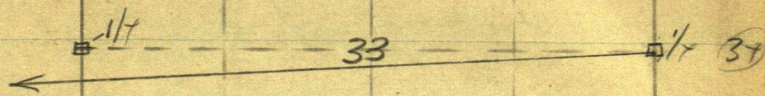
133-30

5

6 5

7-8





5 4  
8 9

4 3  
9 10



Wagner-Ryan Survey  
 ERICKSON - Hoyer Rat Farm. Part of  
 Lots 1-2-3-4 Sec 1 and Part of  
 Lot 2 - Sec 2 - 136-28

East end of Long Lake

Nov 26-1928 Monday

Ben Wagner and his Chevrolet Sedan  
 calls at Senkins 9-910

Reed and I in our old Ford  
 Lv Senkins 9-15 I ride with Ben  
 Drive to Long Lake and look for  
 Hoyer and Erickson

Ben shows me what he wants  
 and drives back to Piquet

Reed and I find Hoyer.  
 Erickson returns from Piquet.

We monkey all AM hunting him

Eat our lunch at cabin I eat  
 no dinner Copy Field notes  
 PM

At Twp Cor 137-27<sup>2</sup> (137-28  
 being SW Cor 31-137-27 and  
 SE Cor 36-137-28

US Notes call for

NP 15 N 19 $\frac{1}{4}$ ° E 122 = 80.52

WP 8 N 26° W 145 = 95.70 gone

We find an old 3X3X36" above ground  
 stake scratched 15 years old?

From which 15" NP S to imp  
 beam N 19° 15' E 80.52 Feet is a  
 red capped spike w/ drive at N  
 edge of old stake Var reads 5° 40'

We mark new BTS viz

oak 5 N 28° 15' W 40.80

JP 9 S 14° 45' W 60.00 T. spot of bark  
 15° 40'



Not even a faint trace of old  
v.a.B.T. can be found not even a  
depression and as the E & W  
cut out crooked road line seems  
to run on about 9° on

This old stake should go a road or so  
further E - it ?

on account of difference in cor  
we spot our new B.T.S

Just to hold this point

Monkey all gone in heavy brush  
and at dark drive home to  
Jenkins



30

③ Wagner Ratfarm

Nov 27-1928 Tues

Reed and I left Sanborn 9 AM - Pick up Erickson & Hoyer and their Ford 2 ton and drive to

NE Cor Sec 1-136-28

Find 2" Iron Pipe 1 ft N of S wheel ditch E-W Road and in line with old fence so ch

West on & road 3-6-824 in line with main road running S  
 $800 + 300 = 1100$

(@ 900 W cut heavy brush)

US Natl. say @ 1700 ch =

1122 ft W =

NE Cor

So Side 31-138-27

Line 6 N + E 31 = 20.46

" 8 N 36 W 43 = 28.38

The god dam cheap town board have grubbed out every dam stump in the construction of a crooked E-W Road laid out by eye

Eat our lunch by camp fire

PM

Work hasn't 4/1/30 BS. East so that I m @ NE Cor set lines up East with what seems to be the road running E and Coulson

West

$1100 + 300 = 1400$  stake

1436.3 set 40¢ spike and set pulch in frozen ground  
 18 ft N of stake E W fence



31

Went

(4)

1400 + 300 = 1700 slabs

+ 21.5 = 1721.50 W spike Hub

18 ft N of E & W fence and in line  
with fence running SW1840 W foot of hill edge of  
overflow - embankment1845 old square of SP slab  
set N 15 feet1865 top of low narrow  
sea wall of lake  
NE SWTo run Hub 1721.50 Run  
along N edge of fence on edge  
of field

S 53° 02' W @ 35 ft corner of fence

then along fence  
@ 250 fence crosses R.362.8 Hub spike in W edge  
of field

Hence R 23 ft

Lake 60 ft R.

To run 362.8 BS N 53° 02' E R  
along W edge of field

S 2° 08' E @ 30 ft cross

near road line SW

554.3 Hub 1 inch abut Hub

in W edge field BC. Round

SW corner of field

To run 554.3 continue run

S 2° 08' E

S 11° 45' E @ 39 cross fence EW

@ 97 foot big hill

@ 125 Big 12" oak at edge of  
meadow



Nali-marsh about 300 ft wide  
at this point Tapers narrower  
west and about 500 ft wide  
400 ft East

Town 554.3 BS N 2° 08' W  
and run across field  
N 58° 12' E

© Oak tree in fence to bears  
N 76° 10' E 136.2 ft. Crook in fence  
A. Post at Crook line

N 63° 10' E 282 ft

N 58° 12' E @ 300 in Circle

@ 390.7 Hk in field

Fence 19 ft R.

Foot 70 to 75 R

Marsh 100 R.

Foot 50 R

Marsh

75 R

Town 390.7 BS S 58° 12' W R

N 73° E @ 242 Fence R. 3.5 R

Foot 84 R

Marsh 108 R.

Nali: 100 ft W it is less  
distance to foot of hill across  
marsh.

@ 485.6 Hk

Town 485.6 BS S 73° W

SE corner of fence

S 31° E 21 feet

12" Oak at foot of sloping  
ground and at edge of  
marsh. S 31° E 100 ft



12 inch sapling at S E  
 Cor of marsh land  
 S 41° E = 351 Pongch

~~the~~

Nat: A Line drawn from 12 inch  
 sapling Westward to the view to the  
 12 inch oak of foot of slope - cuts a rod  
 off the East end of the meadow  
 marsh - cut marsh

Nat: More: This marsh is springy  
 and hard to freeze over

We work till dark and more  
 home to light matches to read  
 logs or transit vernier

Reed and I drive home to  
 Jenkins in the moonlight  
 Beautiful weather night and  
 day

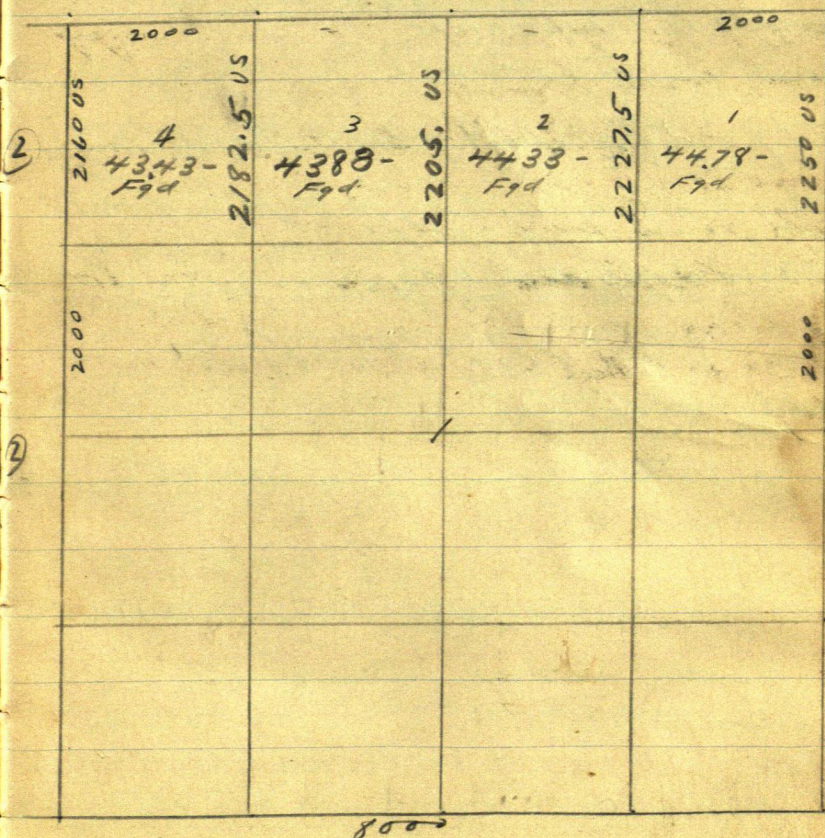


Wagner Rat  
Farm

(7)

34

Nov 28-1928 Wed  
Platting at the office



8000  
Note: My Jewett Plot gives Viz  
Lot 1. 44.78 Acres

" 2. 44.33      " Figures 43.88 ?  
" 3. 45.88 ?      " Figures 43.43 ?  
" 4. 42.43 ?      " Figures 43.43 ?



35  
Nov 28-1928 Continued ⑧

Cloudy all morning - warm  
Figuring @ 1721.50 W run. S 53° 02' W 362.8  
Tang =  $36^{\circ} 58' = 752.64$

S  $2^{\circ} 08' E$  554.3 T. Hub Tang = ~~3609~~ 3725

S  $11^{\circ} 45' E$  Tang = 208

N  $58^{\circ} 12' E$  390.7 Tang 620.03 -  $31^{\circ} 48'$

N  $76^{\circ} 10' E$  134.2 = 10" Oak line Tang <sup>13° 50'</sup> 246.24

N  $63^{\circ} 10' E$  282 = Crook inference -  $26^{\circ} 50'$  Tang 505.87

N  $73^{\circ} E$  485.6 = Hub.  $17^{\circ}$  Tang = 305.73 in 1000

Bar calls @ 2.30 PM  
enroute to Pine River

I figure

Try "That part of Lot 1 - Sec 1  
136.28 viz

Begin @ pt on W. Bdry 480 ft S of NW  
Cor Thru East 200 ft

Then S  $45^{\circ} E$  250 ft  
" South 75 ft

" S  $45^{\circ} W$  540 ft to W. Bdry  
" North 635 " to pt of 679

and containing



Wagner  
Rat farm

(9)

36

Nov 30-1928

PM

Reed and I to Jenkins 1-15  
PM Pick up Erickson &  
Hoyer  
X over 1721.50 W Continues

West on 9th Standard Parallel

Chains from 1700 <sup>2000.0</sup>  
+1335 1835 W stake <sup>1721.5</sup>  
2 ft E of overflown riv <sup>2781.5</sup>  
2000 on riv

2300 2600 - 2640 stake on

in 2670 end in SE cor

Island 2700 stake on

Island + 21.3 = 2721.3 W

stake on Island 25 ft of

to edge 2600 + 205

= 2805 LV SW cor Island

end in 2900 on riv

3175 end in main land

NE end S 75° W 3200 stake  
on side hill

3237.3 stake on so side hill

= crooked stake on side hill



37

(10)

Nov 30 - 1928 Continued

Over 2640 or Spikes on ice 30 ft  
 E of Island Turn 90° and run  
 South: @ 200 L. ice = foot of  
 hill cut about 300 ft then  
 all frozen walk back to liant  
 and finish bal of day getting low  
 Went thro heavy oak brush

work till dark Hoyer and Erickson  
 walk home Reed and I drive  
 home to Jenkins.



About March 5-1929

Magner writes for me to finish survey

I and my Ford L. Jenkins

9 a.m. or 11 a.m.

Dinner with Erickson & Hoyer  
P.M.

They help me

Turn over spike 2640 W Turn 90° and  
Run

South 90° to random

@ 200 L.V. ice NW SE

229.3 stake 276.1 white stake

5 ft so of 2 new cut out wood

NW-SE

Oak 5 S about 80° W 35.40

" 6 S " 10 " 28.30

" 7 S " 45° E 27.30

To spals

$$276.1 + 232.6 = 508.7$$

Hub in old log + 300 =

$$808.7 \text{ Hub} + 84.3$$

84.3

$$893.0 \text{ Hub on so brink} + 147 =$$

147

1040 1040 foot of slope - ends open  
marsh on ice - shaky ice

$$893 +$$

$$268.3 =$$

$$1161.3 = 1161.3 \text{ Hub on ice in marsh}$$

$$1161.3 +$$

$$82.7 =$$

$$1244 \text{ L.V. marsh NW-SE}$$

$$1244.0$$



$1161.3 + 151.4 = 1312.7$  Hub on hill  
 $\frac{151.4}{1312.7}$  So of 600 50 ft so of foot  
 of hill

~~T over 1161.3~~ 1312.7 Ties Vig  
 @ ab. 3 N about 20° W 6.76 spots  
 " 4 N " 85 E 15.50

T over 1161.3 S Sight  
 N 76° 37' E T. Big Poplar  
 1492 feet rough Chain Foot  
 of hill 20 ft R. Top 60 R.

From  
 T over 1161.3 run  
 N 76° 37' E  
 300 - 600 - 900 - 1200 slakes on  
 ice + 292. = 1492 Poplar lies

Running N 67° 37' E

Taking Mark  
 @ sls 1200 Swamp extends by eye.  
 350 L - ? @ 175 R. Top of hill 225 R. ?

@ sls 900

SWP 250 ? L. Top of hill 350 L about  
 " 200 R. " " 250 R. "

@ sls 750.

SWP 150 L.

" 200 R. Top 250 R.

@ sls 600

SWP 50 L Foot hill 100 L Top 250 L  
 " 75 R. " " 125 R. " 250 R.



@ Sta 450

Swamp 60 L. Foot 100 L Top 250 L ?  
 " 100 R. " 125 R. " 250 R. ?

@ Sta 300

Swamp 60 L Foot 125 L Top 300 L ?  
 " 75 R " 150 R. " 250 R ?

@ Sta 200

Swamp 60 L. Foot 100 L Top 250 L ?  
 " 50 R " 100 R. " 250 R.

@ Sta 100

Swamp 110 R. Foot 150 R Top 250 R.

Not a ~~air~~ air hole at 100  
 To 600 Boyr break thro in  
 places

Drive home to Jenkins via  
 Piquet

Figuring

N 67° 76.37' E Tang =

23 23

89.60

" = 237.93 in 1000.



41

(14)

March 12-1929

Platting up marsh, at office

N 76° 37' E = 13° 23'

$$\begin{array}{r} 13^{\circ} 23' \\ 89^{\circ} 60' \end{array}$$

Tang = 237.93 in 1000

See 31

Page 31 - 1721.50W run 553° 02' W = 898.99

89.60

36° 58' Tang = 752.64 in 1000

53.02

36.58

641.35

752.64

~~S 2° 08' E Tang = 37.25 in 1000~~

Try 553° 02' W

$$\begin{array}{r} 36^{\circ} 58' \\ 89^{\circ} 60' \end{array}$$

752.64 OK

Tang = 601.355 in 1000

S 2° 08' E Tang = 37.25 in 1000

554.3 Page 31

N 58° 12' E 390.7 Page 32

$$\begin{array}{r} 31^{\circ} 48' \\ 89^{\circ} 60' \end{array}$$

31° 48' Tang = 620.03

N 73° E 242 P 32

$$\begin{array}{r} 84^{\circ} 90' \\ 73' \\ 17' \end{array}$$

17° = 305.73 in 1000

150.35

282.84

282.84

150.35

433.19

433.19

886.81

1320.00

101125

1320) 14.85

$$\begin{array}{r} 1320 \\ 1650 \\ 1320 \\ 3300 \\ 2640 \\ 6600 \\ 6600 \end{array}$$

415.28

282.84

698.12

1320.00

433.19

886.81

1125

132

2250

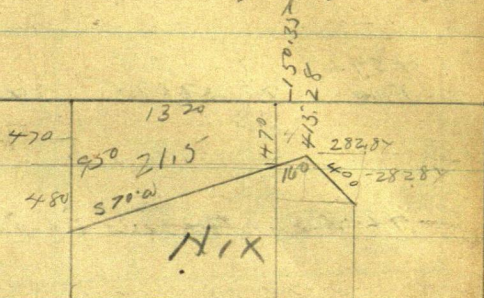
3375

1125

14850



March 16-1929

Sat - PM Ben Wagner called  
and I hurried to get survey figureschanged  
see Page (53)

Try 470  
950  
 1420  
710

13.20  
71.0

13200

9240

4356 937200 (21.51  
8712

470.00  
5472  
 415.28

950  
470  
 480

6600  
4356

1320 1.36363

1320 480  
396

22440  
21780

840  
792

6600

W 20° S = 5.7000

480  
396

840  
792  
 48

N 70° E = E 20° N Tang = 160 ft

Sine 93969 X 160 = 150.35 E

Cor 34202 X 160 = 54.72 N

S 45° E 400 ft

Sine 70711 X 400 = 282.84

Cos 70711 X 400 = 282.84



changed  
on page 53

1425.6 US	43.425 <sup>-</sup> F9d	F9d	43.875 <sup>-</sup> F9d	2205 <sup>-</sup> F9d	443.215 <sup>-</sup> OK.	2227.5 <sup>-</sup> F9d	443.775 <sup>-</sup> OK.	2250 <sup>-</sup> F9d	1485 <sup>-</sup>
2160	4	3	4588.05 <sup>-</sup> v.g.	2	1475.0 F1A	1			
42.43 US									
2182.5 <sup>-</sup> F9d									

$$\begin{array}{r} 886.81 \\ 433.19 \\ \hline 1320.00 \end{array}$$

136-21

See ①

$$\begin{array}{r} 2250 \\ 2160 \\ \hline 4410 \\ 2205 \end{array}$$

$$\begin{array}{r} 2205 \\ 2160 \\ \hline 4365 \\ 21825 \end{array}$$

$$\begin{array}{r} 2250 \\ 22275 \\ \hline 44775 \end{array}$$

$$\begin{array}{r} 2205 \\ 2230 \\ \hline 4455 \\ 22275 \end{array}$$

$$\begin{array}{r} 22275 \\ 2205 \\ \hline 44325 \end{array}$$

$$\begin{array}{r} 2205 \\ 21825 \\ \hline 43875 \end{array}$$

$$\begin{array}{r} 2160 \\ 21825 \\ \hline 43425 \end{array}$$

$$\begin{array}{r} 2160 \\ 21825 \\ \hline 43425 \end{array}$$

$$\begin{array}{r} 22275 \\ 66 \\ \hline 133650 \end{array}$$

$$\begin{array}{r} 1485 \\ 147015 \\ \hline 1485 \end{array}$$

$$\begin{array}{r} 2250 \\ 66 \\ \hline 13500 \\ 13500 \\ \hline 148500 \end{array}$$

$$\begin{array}{r} 133650 \\ 133650 \\ \hline 1470150 \end{array}$$

.01125

$$\begin{array}{r} 4332 \\ 1125 \\ \hline 21660 \\ 8664 \\ \hline 4332 \\ 4332 \\ \hline 487350 \end{array}$$

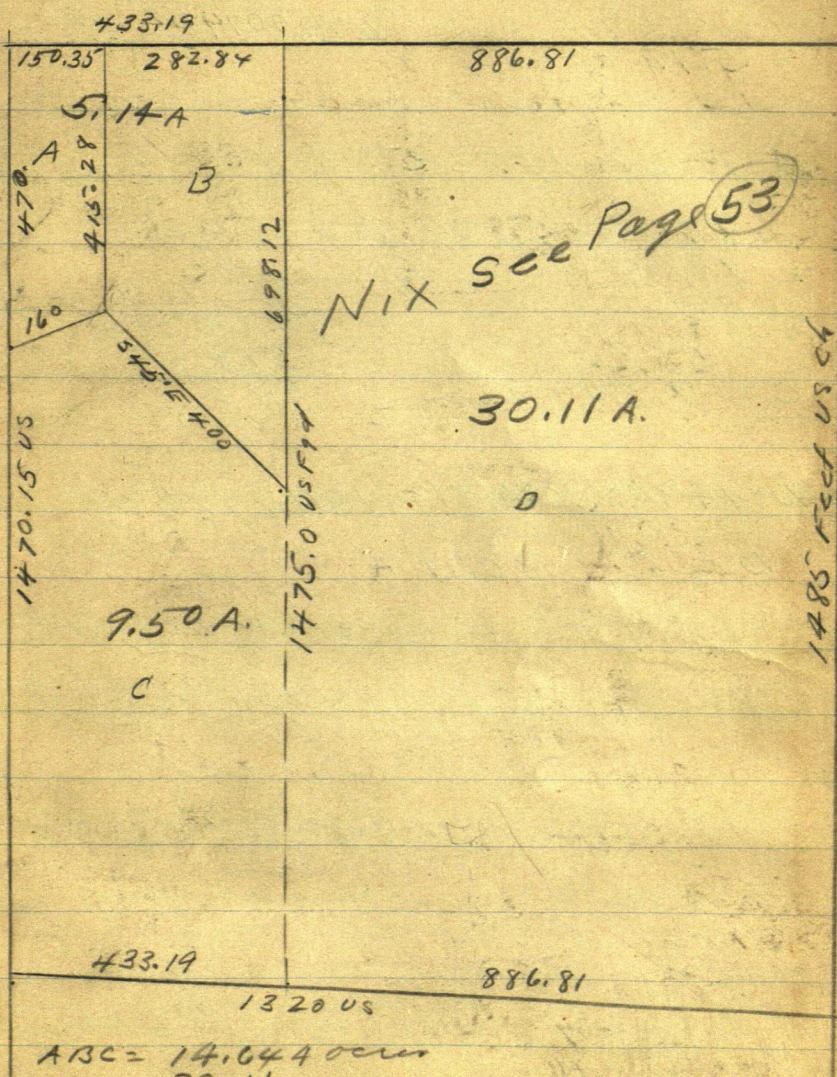
$$\begin{array}{r} 147015 \\ 487 \\ \hline 147502 \end{array}$$

$$\begin{array}{r} 225 \\ 66 \\ \hline 1350 \\ 1350 \\ \hline 1485 \end{array}$$



March 17-1929 Sunday  
still figuring

44



ABC = 14.644 acres

D = 1 30 11

44.75 OK close enough

US calls for 44.78 acres



45

Figuring Tract A

$$\begin{aligned} \textcircled{A} \quad 442.64 \times 150.35 &= 66550924 \text{ ft} \\ B \quad 556.70 \times 282.84 &= 157457028 \\ &\underline{224007952 \text{ ft}} \\ &= 5.14 \text{ acres} \end{aligned}$$

$$\begin{aligned} A-B-C &= 1472.57 \times 433.19 \\ &= 6379025983 \text{ ft} \text{ Total} \\ &= 14.64 \text{ acres total ABC.} \end{aligned}$$

$$\begin{aligned} ABC &= & 14.64 \text{ acres} \\ & & 514 \text{ " } \\ C &= 9.50 \text{ acres} & \underline{9.50} \end{aligned}$$

$$\begin{aligned} \textcircled{D} \quad 1480 \times 886.81 &= 13114788 \text{ ft} \\ &= 30.11 \text{ a.} \\ D &= 30.11 \text{ A} \end{aligned}$$



March 18-1929

46

Monday

11 AM I call Ben Wagner  
and tell him I decide on  
going out again to continue  
my line from my Hub 2640  
w. still want to make record my

Base line is correct in order  
to describe position of old  
fence on N side of swamp

Copy US Valis

North Standard Parallel

US Valis

East on N side 35-136-28  $110^{\circ}30'$

40.00 set  $1/4$  on shore of lake (MC?)

Pine 16 N 56 W 36

W Ark 10 N 27  $1/2$  E 51

8000 Cor 35-36 in lake

East on N side 36  $d 11^{\circ} E$

7.78 Over lake measured on in

MC. Arsen 11 N 66  $1/2$  E 39

MC. 10 N 3  $1/2$  W 40

9.85 ascend bank E-SE W NW



47

136-28

137

US Vales could  
East on to ridge 36 could

1075 Top of bank 25 ft Hi

1212 To Pin 18" diam

4000 1/2 Cor to mid 36

WP 16 N 75 W 276 =

" 20 N 56 1/2 E 205 =

5400 Pin 18" diam

8000 Cor Top Cor 137-27-28

NP 15 N 19 1/2 E 122 =

WP 8 N 26 W 145 =

137-27

East on to ridge 31 & 11'E

1788 in Pond set with Cor

Pin stub 14 N 44 1/2 W 95

no other comment.

2772 Over Pond by lioum &

set with Cor

Pin N N 52 E 264

no other

4000 set 1/2 to mid 31.

Pin 16 N 4 E 31

" 8 N 36 W 43

5133 Pin 7" diam



8000 Cor 31-32-137-27

Prin 11 N 72 1/4 E 86

" 14 N 16 1/2 W 222

Eaton on side 32 V 10' 50'

1255 Prin 12"

Prin 8 N 26 E 42

4000 = 1/4 " 8 N 31 W 71

5254 road N-NE, S-SW

6120 YP 16"

6850 int Lake MC

Bark 14 N 71 W 346

7577 over lake MC

Dead wash 7 N 88 1/2 E 610

no ash

8000 Cor 32-33-137-27

Elm 14 N 89 E 180

no ash ?

Eaton on side 33 V 10' 45'

4000 1/4 Cor

YP 15 N 46 E 49

Spruce 6 N 63 3/4 W 21

YP 18" diam

6500 Ellis River bottom NE SW

7496 R Bank Prin River MC

asp 6 N 26 1/2 E 14

" 7 N 13 1/2 W 15



49. 9.16 St Parallel  
Ry 27

7939 Over Ruin M.C.  
YP 17 N 70 E 193

8000 Cor 33-34  
YP 17 N 70 1/2 E 132 7  
Bark 10 N 60 1/2 E 171

East on to mid 3 x 10' 45'

1497 Pin 13" diam

4000 1/2  
Pin 13 N 78 E 50  
13 N 77 W 8

7308 March N-S

8000 Cor 34-35  
WP 14 N 81 W 913  
orp 10 N 30 1/4 W E 513



Reed and I - Dinner at home

1-45 L. Jenkins Drive to  
NE corner 136-2) ch

Went 3-6-8-824.15 spike in  
line with road

Road in S  $0^{\circ}25'E$

chain south 300-600 in W wheel  
track @ 716 & road corner R  
and in line with deep  
revenue which runs NW  
150 ft to swamp

@ 754 20 in line with road  
running West SW

PM

at 4 PM Pick up Hoyer &  
Erickson and go to State  
3237.3 W From which we ch

West  $3200 + 50 = 3250$

Spike under  $\pi$  worked on line  
sighting on old club E 200

$3250 = 60 d$  spike + reciprocal  
Oak 43 about 50 W 9.2  
" 38 " 20 E 6.2 spike

$3250 + 225 = 3475$  Stake

$\frac{225}{3475} + 154.5 = 3629.5$

$\frac{154.5}{3629.5} = 20 d$  spike in &

3629.5 W. half 8" green oak  
stump



51

Tower 3629.5 Spike at N edge  
 7 old 3x3 stake bears S 86° 47' W

$$120.7$$

$$3629.5 + 118 =$$

118  
 3747.5 Hot on line bet old stake  
 and old BT slump NE

3629.5 + S edge old BT slump  
 bears N 53° 26' W 115. *W*

$$3629.5 + 300 = 3929.5 \text{ stake} +$$

$$\begin{array}{r} 120.5 \\ \hline 4050.0 \end{array}$$

$$4350 \text{ stake} \quad 4650 \text{ stake}$$

$$4650 + 18.50$$

$$\begin{array}{r} 18.5 \\ \hline \end{array}$$

$$4668.5 \text{ Hot Spk} \quad 4968.5 \text{ sth}$$

$$\begin{array}{r} 5268.5 \\ 56.3 \\ \hline 5324.8 \end{array}$$

$$\begin{array}{r} 300 \\ \hline 5268.5 \text{ sth} \\ 56.3 \\ \hline 8 \end{array}$$

IM bear S 1° W - 9.20

Reed and I Lie at back and  
 drive home via Pequot



March 19-1929

52

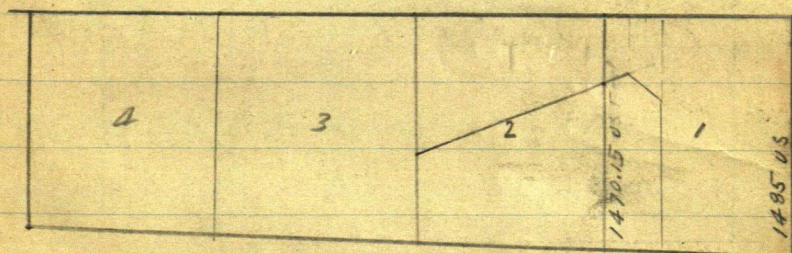
Alvina Reed and I at home  
in Jenkins - Work on map at  
Office - At 2-P.M. Long dist  
tel from St Paul calls me.

St Paul  
F.K. Smith 510 Court Block  
calls for Ilo Babcock and says  
for her to call him collect

Garfield 1616

I tell him I don't know where  
she is but will try to locate her

Mapping

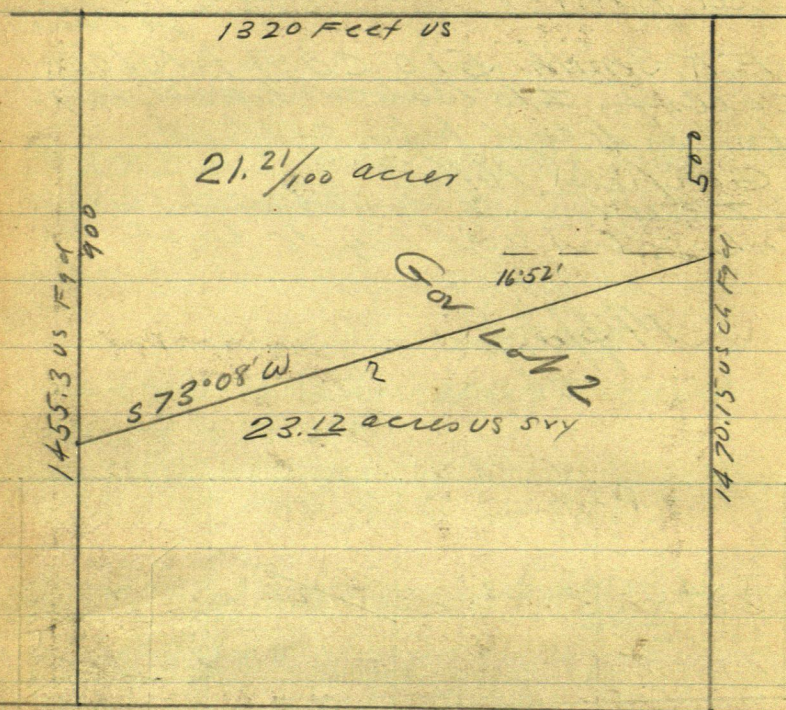


Sec 17 136-28



53

OK



$$700 \times 1320 = 924000 \text{ Sq Ft}$$

$$43560 \times 924000 = 21.21 \text{ Acres}$$

$$1320 \div \sin 400 = .303030 = 16.52'$$

$$16.52' = 73.08'$$

$$\sin 73.08' \times 200 = 58.03 \text{ N}$$

$$\cos 73.08' \times 200 = 191.4 \text{ E}$$

$$= \text{N } 73.08' \text{ E } 200 \text{ ft}$$

$$\text{S } 58' \text{ E } 350 \text{ ft} =$$

$$\sin 58' \times 350 = 279.52 \text{ S}$$

$$\cos 58' \times 350 = 210.64 \text{ E}$$

$$\begin{array}{r} 500 \\ 900 \\ \hline 1400 \\ 700 \end{array}$$







55-

Nato

Gov Lot 1 Sec 1-136-28

contains 44.78 acres vs survey  
 T. Rat Farm - 10.34  
34.44 Gal

Gov Lot 2 = 44.33 vs survey

To Rat Farm 23.12  
21.21 Gal

34.44  
 21.21  
55.65

We tried to survey so  
 as to leave only 50 acres  
 for Kurt  
 without culling into the  
 plowed land but could  
 not do it

Lot 1 =	44.78	Sec
2 =	44.33	
3 =	45.88	
4 =	42.43	vs
	<u>177.42</u>	

Lot 2 Sec 2 = 31.40  
 208.82 vs

according to my present plat?  
 Deduct 4 acres for Ryan.  
 Leaves 204.82 deducted for  
 Kurt 55.65

149.17  
4  
 145.17



①

56

Dec 1-1932 THURS

I am to make a survey for Harry  
Gould. in secs 1-2-137-27  
and another for W H Bozell  
in secs 16-137-27

Bozell owns SE SE and SW SE 16.

P.M. I L. Jenkins in my 31  
chew about 1 P.M.

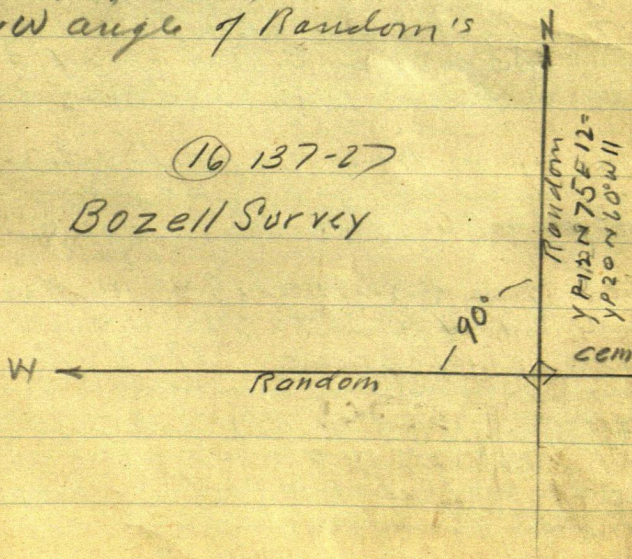
Call at Harry Gould's Ranch  
and then drive to Bozell's.  
Glee Bozell and his Father W H.  
Bozell assist me in cutting out line  
West bet secs 16-21- also  
North bet 15-16

Town Cem Mon at Cor  
15-16-21-22-137-27

NW angle of Random's

① 137-27

Bozell Survey





57

137-27 Dec 2

②

Dec 2-1932 Friday  
 Harry Gould and son and Clarence  
 Wheeler and I Dig up Stone 12x8  
 at cor  
 NECor 2-137-27

1-2-35-36-137-138 R28

BTS viz

JP 9N 35° 15' W 46.40

JP 8S 53° 18' W 50.35

NP 13S 64° 05' E 121.10

Ver 6° 15' N End. 6° 45' S End need 6

Mean Ver 6° 30'

Set R.R. Spike West and RR Spike  
 South in E Co Road  
 NW angle roads

89° 15' - 178° 33'

267° 50' - 357° 08'

Chain

West on Random E

33 E 6" Fence Cor Post 300 ft Top

3-6-9-12 + 154.7 = 1354.70

E Tall 10" JP Slump stands N about 1.3

Hub 1354.70 is 0.30 of offset 20 of

3-wire fence E-W another all  
 fence runs NW1389.3 W Hub R.R. Spike 0.30 so of  
 fence was nailed on so side of post

1500 + 26. Fence

1765. W Fence runs SW 20 ft then SE

1800 peg + 83.10 = 1883.10 Hub R.R.

Spike .40 of offset 20 of wire on so side of

Post E-W 3-wire 1948 Bill

Buchle plowing Field runs SE

2100 pin 2165 W Altwood Field runs

NW 2400-2700 stake - 2.30

2697.70 Hub R.R. Spike So edge

N plow furrow N edge plowing

Divine with Gould



Gould. Harry Gould

58

Dec 2-1932 continued

③

Sec 2-137-27 US Note 1/4  
JP 4 N 70 W 13 = 10" Rock 1/4  
JP 8 S 72 E 54 = 2628.7

W Random

US Note 1/4

West on N Side Sec 2-137-27

West on line line 40 set 1/4 859.00

57.75 (= 3811.50 Ft)

Dogleg Break 70 wide SW 8000

(2-3-34-35)

WP 4 N 2 W 34 22.44

YP 14 N 70 E 127 83.82

" 14 S 81 E 173 = 114.18

" 15 S 53 W 149 = 98.34

PM continue

West on N Side 2-137-27

2700 - 71.3 = 2628.7 W Nail on  
line .70 So of 12" Rock  
end of fence

2700 - 52.5 = 2647.5 W Nail on  
Line 1.20 So of 10" Fence Post end  
of fence w.

2640 W Hub R.R. spike

2636 W - W Edge At water plowing  
runs N

2700 + 200 = 2900 - NW cor field

3000 Spike water on line + 241 = 3241 E  
overflow branch of creek 3283 LV

3300 spike 3307 Ent

3320 LV 3563 Ent overflow

3600 spike 3618 LV in



59

Harry Gould

(4)

Dec 2-1932 Condit PM

Tr over 2697.7 W set dbl cen Hub on the  
West bank of creek Daggett Brook - 3770.10

from which we ch down bank  
East @ 11. E Top of Cut Bank Brink =

15 ft Hc @ 26.00 E = foot = W Bank Brook  
+ 2 Spike on ice 105 point of Island  
Edge of ice E side Daggett Brook runs  
NE SE @ 121.7 E Hat RR Spike on  
Small Toe Head Island on W Pt Island  
@ 170.10 E to 3/4 ch 3600 West =

3600 W stake! 3618 L in 3648 40 Hub  
RR SPIKE on W Pt of small Island

3665 W enter ice E Bk Daggett Brook  
N BK 12 ft creek runs SE

N Bk Daggett runs NE. 3744 L  
Daggett NE S. 3759 Top Cut Bank  
15 ft Hc 3770.10 Hat RR Spike on

that land 11 ft W of cut bank top

Boys cut line I walk E to can  
get chalk and reading glass

3782 W enter old field N-S

Tom Kennedy old Field?

100 ft N-150 S. 3770.10 + 129.9 =

3900. Hub 40. d Spike

4148 Lv field 4200-4500- Spike 40 d  
vator line

Set Hat Farther west and

Quit furnit. and walk E to

1/4 Cor N Side Sec 2-137-27

Tr over 2628.7 W nail. Hat

New old BT. Set by Garrison sec 15

N 29° 22' W 42.50 and BT stands

N 29° 46' W 42.00 From 10" Rock

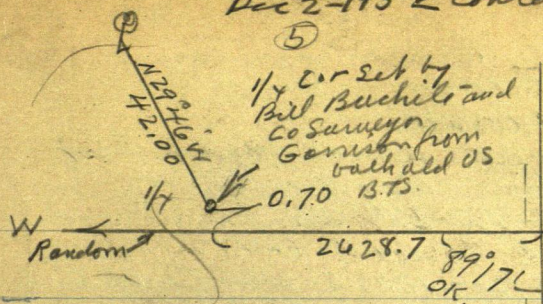
Garrison's 1/4 Cor.



Dec 2-1932 could

60

(5)



4-30 PM. at Gould  
Ranch. I do not wait  
for supper but go to  
Brainerd  
supper and over night  
with Ashley McKinley

+ 2

Dec 3-1932 Sat

I stay all day in Brainerd  
go home to Jenkins 5 PM.  
Raining slippery roads

Dec 4-1932 Sunday

Home in Jenkins

Dec 5-1932 Monday Same

Dec 6- " Election day Tues

Dec 7- -3-30 PM to Brainerd Wed.  
over night with McKinley

Dec 8- Thurs. 2-30 PM Brainerd to  
Harry Gould Ranch for supper and  
over night

John W. Cuss



Dec 9-1932 Friday

(6)

Cold NW wind

My car in Gould's warm garage last  
mile starts fine Beg @ NE Cor

Sec 2-137-27 Ch

South on E Co road Bet 1-2-

3-6-9-12 + 120 = 1320.3 - Hub RR spike &  
15-18-2100 + 76.8 = 2176.8 Hub RR

slope in E road about 2200 curves SW

2400 stake - 31.8 = 2368.2 Hub RR spike

2400 + 135 = 2535 ent bog + 235 =

2635 L<sub>1</sub> marsh + 300 = 2700 stake

+ 93.8 = 2793.8 Hub + 299.3 =

3093.1 Hub RR spike

2700.0

93.8

- 206.9

3300.0

2793.8

3300 - 3600 stake - 11

299.3

3093.1

3589.0 Hub RR spike

3601.5 wire fence NW SE

3600 to 3625 ent<sub>1</sub> marsh open

Heller Rover 3589.05 Knutsons

M.C. IM bears S 10° 02' W R. 276.5

Magnetic Var Reads 4° 45' E

3900 stake - 33. =

3867 Hub RR spike on low sea wall

3910 about ent<sub>1</sub> ice 42-45-48

sik on ice

4935 L<sub>1</sub> in 4965 low sea wall

4800. + 218 = 5018 Hub RR spike

Ties to 5018.00 S.

OAK 4 N 32° 20' W 24.40 To flat spike to

JP 95 83° 10' E 17.97 " " "

Knutsons MC. IM bears

N 33° 45' E 66.20 Var reads 4° 20'

5018.0 + 183 = 5201.0 Hub RR spike

183.0

5201.0

Hub 50255 ent<sub>1</sub> old field

Horn at dusk with Gould

Jahmow Cane











64

4962.965

So could

5201

$$5501 + 299$$

5800

1100 + 200

1,300 Lake 2

6600 on ice

1,900 - 72

7350 22. Brink

7200 - 296.17

381 on 391

7581

7591.10 Hub

N 66° 06' E, 227.4

7m 12 1/2 20 7

EW Road.

Nals: I copied this from B. F. F.  
my old check book March  
Jan 19



65

10

133°  
266°

West on N side see 2-137-27

4817.9 W Hub 5100 slake

5280

72

5352 W Hub

Could Sunny

Dec 10-1932

2736.4  
348  
2699.8

March 23-1933

W.H. (Bill) Boozell mails me a postal card to Jenkins asking that I come to finish survey

March 29-1933 Ld Jenkins 3-30 pm. Drive to Brainard.

Quernile with daylight

Thunder storm Heavy rain at night.

March 30-1933.

Still cloudy 11:00 am Ld Red.

11:50 ar Boozell res for dinner

P.M. Beg @ SE Cor 21-137-27 ch

West 246.5 slake + 283.2 =

528.2 Hub. wood. + 147 = 775

&amp; Corood in curve NE SW

528.2 + 300 = 828.2 &amp; East Half

Top of 3 inch fence post

+ 289.3 = 1117.5 &amp; F Post

+ 212.7 = 1330.2 Iron Pipe

Set by W.H. Boozell where he

found one of my old hubs

South  
 $\frac{1}{4}$  E + 215.7 = 1333.2 & Top

YR6N31E - post of fence

back 42 WTR = 1595.5 Hub RR,

red patch

John W. Curo



W. H. Boozell continued 66

March 30-1933

(11)

West Bet 16-21-137-27

1333-1595.5 + 100.5 = 1696.0 Tall Birch

slake + 282 = 1978.0 pin + 33.0 = 2011.0

Top of SW cor Post of fence - about 2 ft in of

random + 294.0 = 2305.0 Fence post

+ 286.7 = 2591.7 Top of fence post

+ 165.5 = 2757.2 R.R. spike Hub

2591.7 - 144.9 = 2736.6 Hub nearly

transit: R.R. spike 36.8 West of

N-S Fence cor post abt about 2 ft so

2699.8 cross fence 2 ft N of SW cor

Quit for mile

I drive Wm. H. Boozell and his  
grand children to free show at  
Cros Lake. State Conservation show  
Over mile with Boozell.

March 31-1933 Friday

Still cloudy.

Lee Boozell returns from morning  
trip over trap line - 8-50 am.

9.00 am L

Be9 @ 2736.6 W Ch E 76.6 T.

2660.0 W R.R. Spike Hub Temp  $\frac{1}{2}$

bet 16-21 From 2736.6 Ch W 20.60

To 2757.20 W Var reads 7° 0' E

continues

West bet 16-21-137-27 Random

+ 300 = 3057.2 oak pin + 300 = 3357.2

oak pin + 300 = 3657.2 oak pin + 300

3957.2 oak pin + 23.9 = 3981.10 small

oak Hub 15 ft E of road in curve

Ch E 11.1 T. 3970.0 W Hub R.R.

spike. Heller X over Hub 3981.1 W

USCM Bears 100° 44' R 67.08 ft

N 10° 44' E 67.08 ft

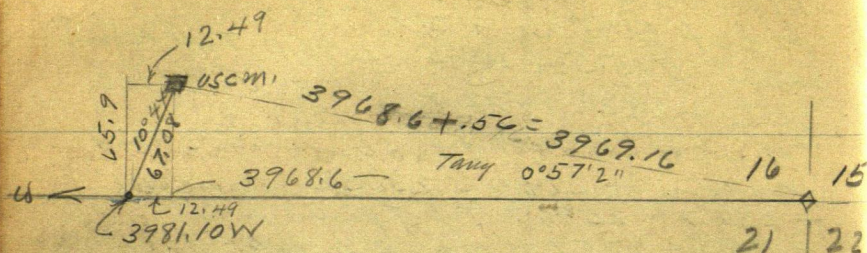


67

16-137-27

(12)

Wm Boaguel



N 10°44' E 67.08

Sine  $18624 \times 67.08 = 12.49$  (124929792) OK,Cosine  $98245 \times 67.08 = 65.90$  N (-65.906100)

9825

3981.10

12.50

3968.60

3968.6

65.900

37686

262140

238116

240240

238116

212400

178430

0°57'20"

Sine .01660

Cosine 99986

Correction = .016605 N

528.2 W gues N.

8.77 OK

1330.2 W " "

22.0879 " "

1595.5 W " "

26.4932775 "

2660.0 W " "

44.17 (44.1693) "

2736.6 " " "

45.44 "

2757.2 " " "

45.78 "

3968.6 " " "

65.90 "

Dinner with Wm Boaguel

PM

We correct Hut 2736.6 and 2757.2

Then correct Hut 2757.2 BS S 45.78

Turn 90°57' R. Line cuts 0.20 N of USCem

1/16 - 80 rods W. OK. Tunnel

Park &amp; west section VS CM. @

3969.16 W



March 31-1933- PM. Conclusions

TOVER US.  $\frac{1}{16}$  = cem Mon

3969.16 W Focus E on corrected  
hub 45.78 and Conclusions

West on line line + 21. about

3990 in line with & road so

@ 47 = 4016 about, & Co road in curve

@ 148.10 = 4117.26 Hub P.R. spike in  
old road NE SW

(Nale chain broke use 299. ft)

@ 299. Pin + 299. = 598 Pin 90.6 = 688.6

+ 3969.16 = 4657.76 W & of old CM  
sets one inch so

@ 299 X 3 = 897.00 + 3.00 = 900.00 +

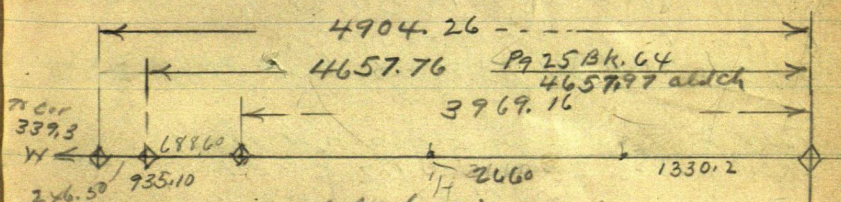
3969.16 = 4869.16 Pin + 35.1 =

935.1 + 3969.16 = 4904.26 CM.

New

963. + 3969.16 = 4932. W Top of cut  
bank E shore Cross Lake

Total 5243.56 my ch. (16)



4657.97 old ch via Random

4657.76  
21 close see page 25 Bank 64.  
old rails

4904.26

339.30

5243.56

(21)

Palmer Wehr



69

660.  
535  
125

This Book is  
N<sup>o</sup> 154

April 1-1933- Saturday

Cloudy - Glee Boozell looks  
at his Muskrat traps

9-AM Bill and I Ld  
Heller over Hub 2660 W 90°N  
44.17 set RA spoke for  
True 1/4 Cor Bet 16-21

X over 1/4 Focus W on line  
line True vi

Old 12" NP stump N 86°15' E 50.40 Heat  
short 12" NP stump N 75° E 9.70 To Heat

Birch 3 N 69°40' W 66.50 light spot  
6" Tam Fence corner SW cor  
S 40°42' W 59.93 To spot at Base

Two 2" Red Oak trees 1 ft apart  
west oak S 23°47' W 62.58 ft

7" UPS 38°30' E 94.24 To spot at base

Old 24" NP stump S 87°22' E 51.20 Heat

" 16" NP stump S 88°40' E 18.12 ft

To New spot - N of E. on NW hill

all lined from True line west  
✓ 6°15' N level of needle 6°30' same

old 16" NP stump S 44° W 52.8 ft heat  
Run  
North 90° to line line

235.0 Hub + 3 - 535 1/4  
+ 287.2

287.2  
822.2 Hub



PM

$$822.2 + 130.8 = 953.0 \text{ pm}$$

960 culis in NW SE 1030 L

in same culis centering boy

$$+3 = 1253.0 \text{ slake in boy}$$

$$+72.9 \quad 72.9$$

$$1320.$$

$$1325.9$$

$$1253$$

$$67$$

1500 to 1575 E. sup

1575 sup. S 10° W and N 50° E

$$1325.9 + 106.1 = 1432 \text{ L.V. in}$$

$$NE NW \quad 1325.9 + 300.1 = 1626.$$

slake +3 = 1926 slake mkt

$$1926 + 168.2 = 2094.2 \text{ Hat}$$

RR spike under T.

$$+5.8 = 2100 \text{ P. of slake 2450 same}$$

$$2700 \text{ slake } 2700 + 39.3 =$$

$$2660.7 \text{ Hat RR spike}$$

$$2700 + -59 = 2641 \text{ N}$$

E old main road NE SW

30 ft NE of fork where road  
runs SW - and crosses west

2700 slake mkt on line

L. about 4 P.M. and drive home to  
Jenkins 17 miles

Dinner at Salie Hall at Jenkins

April 2-1933, Sunday

Mac.

calls 1 P.M. Reed and

I survey at John L. Smith Plat.

April 3-1933 Monday survey in am

1 P.M. pick up Alma and Reed go to

Pratt and back



7/

Time sheet working for Wm H Boozell Cross Lake Minn

Dec. 1932.

March 1933

April 1933

John W Curo	1	30 31	1	2	3	4	5	6	7	8	SUN 9
Glee Boozell	1/4	1/2 PM	1	1	0	-	-	PM 1/2			
Wm H.	1/4	"	"	0	1	-	-	1/2			
Curo Cor	15	15	9	0	-	-	-	PM 1/2			
EXPENSE	-	-	-	0	-	-	-	-			0

Board Sheet With Wm H Boozell

John W Curo

0 00  
52 52

00 0

0 0  
52 52

Time sheet working for Wm H Boozell



# Time sheet Working For Harry Gould

Dec 1931

John W Curo

Cor Miles

Exp.

Harry Gould

"

Clarence Wheeler

Board Sheet With Harry Gould

John W Curo

1	1				
1	2	3	50 <sup>th</sup>	8	9 10 50 <sup>th</sup>
9	1	-	0	-	1 1 0
9	8	-	0	-	8 8 0
9	-	-	0	-	- - 0
-	1	-	0	-	1 1 0
-	1	-	0	-	1 1 0
-	1	-	0	-	1 1 0

Paid

settled up Jan 8-1932

17

O.K. all paid

in

72



April 4-1933 Tues 75° to Ellsworth  
 State Lf. Fire 3-30 PM I drive to Banner

April 5-1933 Wed. Heavy snow - over  
 into night sleep at Mc Kinley res

April 6-1933 Thurs Bad T. Beesell  
 on 11-AM Eat dinner 1-PM  
North on 2nd 11-187-27

Be 2700 ch IX

3600 slat 3100 slat

3140 ent in bog N 80° E S 80° W

3100 + 308.2 = 3408.2

slat wedge walk in bog

FW L. Bog

EX Trench 300 L x 700 W

3420 L. bog

+ 276.4 = 3684.6 Hut

3408.2

+ 158.4

3684.6

158.4

3843.0 slat overflow

50 ft wide Wedge in

810° L 75 ft an N 10° W

30 ft. the N 45° W 1000 ft

4143.0 in

53.40 300° 41 296.

295.9

295.9

53

53.4

243

242.5

4220 L in N 10° W S 10° E

4143 + 242.5 =

242.5

4385.5 Hut

4385.5

2

4410 ent run N 45° E S 45° W

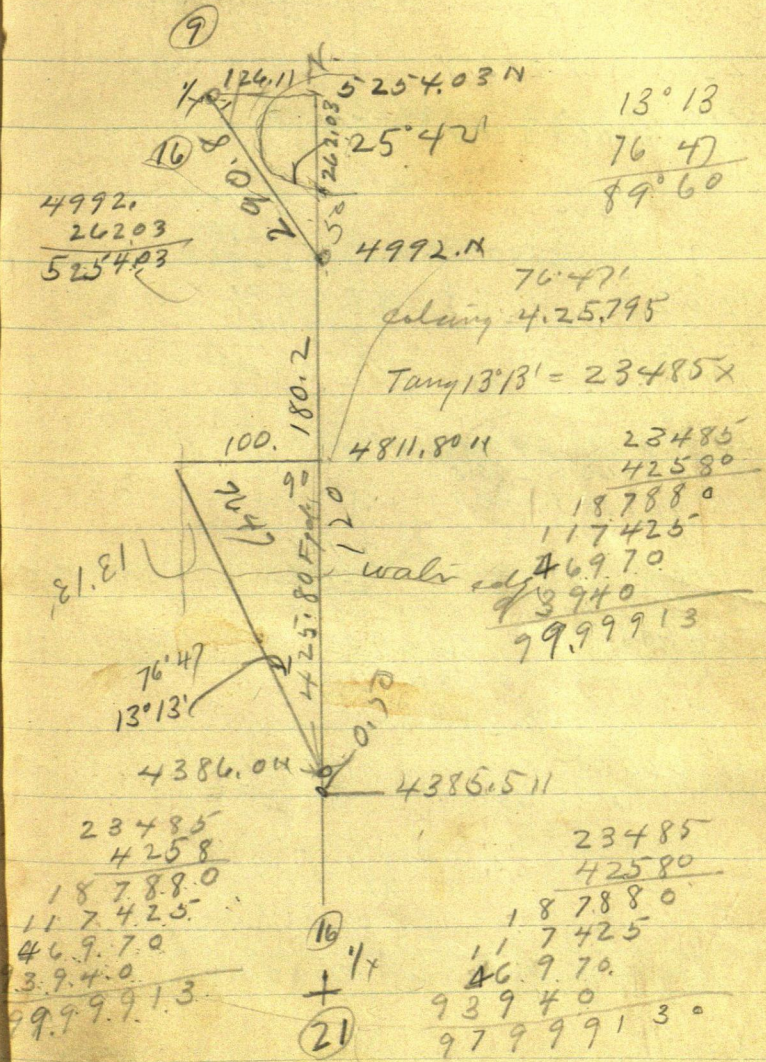


W.H. Boozell (19)

April 6-1933 continued  
North on & Rec 16-137-27  
H+B Transit

13°13'  
76 47  
89 60  
(74)  
4385.5

Con pit L. 25°42' U



137-27  
Glee Boozell breaks thro in @ 4pm  
3 1/2 ft walk @ 4200 W.



(75)

$$\begin{array}{r}
 4386.00 \\
 425.80 \\
 \hline
 4811.80 \\
 180.20 \\
 \hline
 4992.00
 \end{array}$$

April 6 - 1933

$$\begin{array}{r}
 425793 \\
 23485 \\
 \hline
 2128975 \\
 3406360 \\
 1703180 \\
 \hline
 1277385 \\
 851590 \\
 \hline
 9999795.575
 \end{array}$$

N 25° 42' W 290.8

Cosine  $90108 \times 290.8 = 262.03$   
 Sine  $43366 \times 290.8 =$

$$\begin{array}{r}
 43366 \\
 2908 \\
 \hline
 346928 \\
 390294 \\
 86732 \\
 \hline
 126108328
 \end{array}$$

$$\begin{array}{r}
 90108 \\
 2908 \\
 \hline
 720864 \\
 810972 \\
 180216 \\
 \hline
 262034064
 \end{array}$$

N 25° 42' W 290.8

Sine  $43366 \times 290.8$

Cosine  $90108 \times 290.8$

$$\begin{array}{r}
 4386 \\
 425.8 \\
 \hline
 4811.8 \\
 180.2 \\
 \hline
 4992.0 \\
 262.03 \\
 \hline
 5254.03
 \end{array}$$

$$\begin{array}{r}
 90108 \\
 2908 \\
 \hline
 720864 \\
 810972 \\
 180216 \\
 \hline
 262034064
 \end{array}$$

Lox Joy, Viva Vivian  
 Joe and Ben Ferguson  
 Weeks

$$\begin{array}{r}
 43366 \\
 2908 \\
 \hline
 346928 \\
 390294 \\
 86732 \\
 \hline
 126108328
 \end{array}$$

$$\begin{array}{r}
 90108 \\
 2908 \\
 \hline
 720864 \\
 810972 \\
 180216 \\
 \hline
 262034064
 \end{array}$$

John M. Mues



Bozell

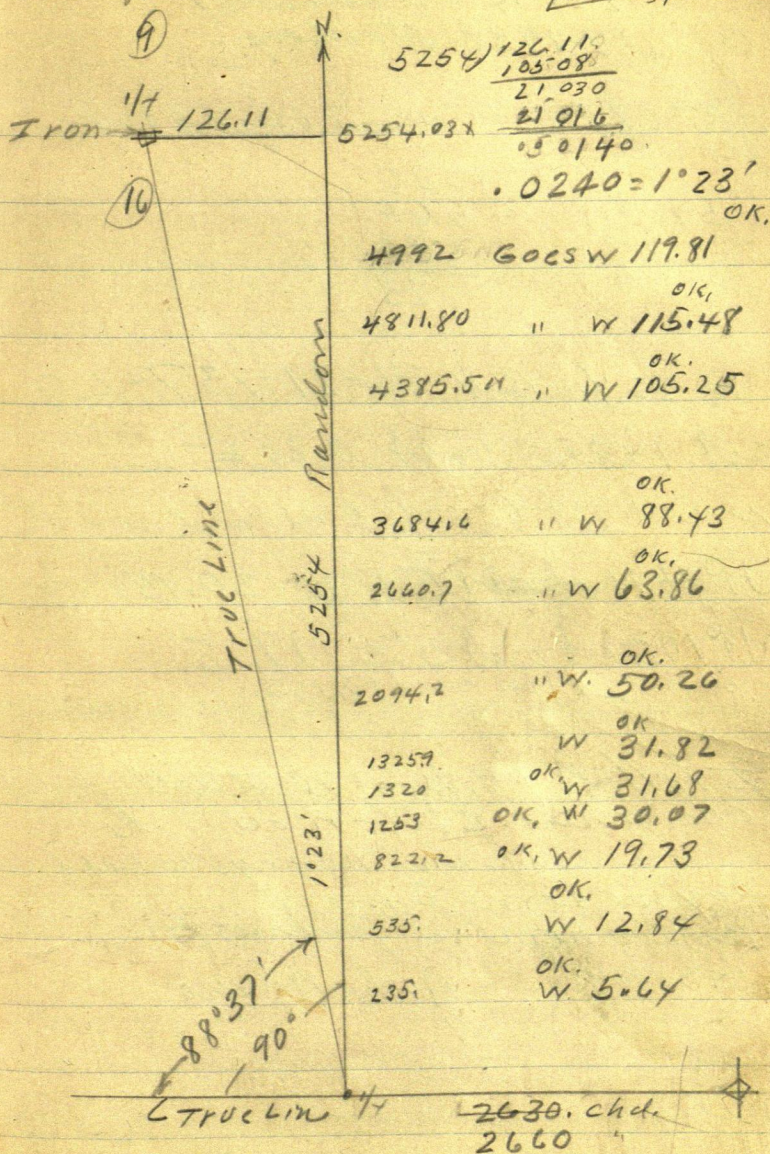
21

Boozell

76

Bozen  
N-S-E Sec 16-137-27  
April 6-1933. could

April 6-1933. Could

$$\underline{1.024^0} = 1.023^0$$


Nat-: after supper Glee Boozell and I  
 drive north and check 126.11 to 1/2  
 bet 9-16-137-27 OK.  
 Figue in evening. Johnnie Curo

John W. Currier



77

Wm H. Boozell Survey  
S  $\frac{1}{2}$  SE  $\frac{1}{4}$  Sec 16-137-27

April 7-1933. Friday

Up @ 7 AM - 4" snow bright but cloudy.

5280	1320
57	660.
<u>26</u>	<u>535</u>
	125

@ E  $\frac{1}{16}$  Bet 76-21-137-27  
set 1x24" bolt 0.20 E in  
n wheel track E as old road  
JP 4 N about 55° E 20.15  
JP 10 S about 5° E 17.15  
set 2 ft E and 17.15.

I tell Wm H. Boozell I will  
charge him \$20. for all of the  
above work and he says he will  
pay me some time  
arrives home in Jenkins for  
dinner

John W. Curo



(23)

78

Bozell



79

①

E.L. TraskE.L. Mattson

October 8-1933 Sunday

Mr E.L. Mattson of  
Security Bldg Mpls and his brother

Mr

call at Jenkins requesting me  
to make the E.L. Trask SurveyGovt Lots ~~4x5~~ <sup>5-6-</sup> Sec 28-137-27

I promise to go tomorrow.

October 9-1933 Monday

Heavy fog Too dark to work

11-30 AM I telephone Mrs Dessa  
Shafer Griffith - (Divorced wife  
of Charles R. Griffith) That I will  
come this AfternoonMrs Griffith is formerly from  
Pennsylvania State - and has  
relation to Jack Shafer a surveyor  
of Mpls from whom she bought  
Lot 8 - Sec 28-137-27P.M. 12-30 L.J. Jenkins after dinner  
call at Harry Gould Ranch ask  
about his lines and drive a mile  
NE where I find Mattson Brothers  
waiting. I go over their papers  
Send for Mrs Griffith's plat  
Unlabeled It gives no useful  
figuresMrs Griffith sold Mattson a few  
acres off the NE corner of  
her Lot 8 Sec 28-137-27



Don

surveyed by <sup>Don</sup> Felter, Jack  
Shaffer's nephew and Deep Co  
surveyors of Keweenaw

I am not sure Felter's  
lines are correct and do not  
care to use them

Mattson & Geo show me  
N  $\frac{1}{4}$  Sec 27-28-137-27  
set by Felter

We drive to Gould Ranch  
pick up Harry Gould who  
shows us  $\frac{1}{4}$  Cor set 27-28  
set by Felter and insists that  
it is O.K. It is a 3X3X40"  
stake quite good

I tell Mattson's that  
I will use it but that I personally  
will not guarantee my  
line correct

They say O.K. Go ahead

Gould then shows us  
 $\frac{1}{4}$  Cor in center of sec 27  
137-27 set by Beathan of  
E.L. Trask or Co surveyors  
Harrison. I make light of  
this center as it is only  
set by a compass

A graded road runs N & S  
on E sec 27 - crosses a little  
we drive Gould home



③

To get approximate course of  
E & W  $\frac{1}{2}$  of sec 28 - E. L. Mattson  
and I drive  $\frac{1}{4}$  E  $\frac{1}{16}$  bet

21-28-137-27 previously set by  
me in survey of sec 21-

It is a 2x48" Iron pipe set  
in a good 4 foot mound of  
dirt - 18 inches high

Quincy Compens over

E  $\frac{1}{16}$  bet 21-28-137-27

The road 2 miles East  
seems to run on about 6° 00'  
we drive back to Felter's  
old stake at  $\frac{1}{4}$  bet 27-28-137-27  
where I set Quincy Compens  
and start a picket line

East on random  $\frac{1}{2}$  sec 27  
we call Mattson's Brother who  
comes to help cut brush

Cut about 300 ft and quit  
for night

I drive home to Yukon  
for supper and over night

Speedometer shows 41 miles  
traveled in this survey



October 10-1933 Tuesday

Lo Jenkins 8-30 AM

at 9-30 - We drive to L. Car

walk 60 rods. E and continue

East on & see 27-137-27

✓ 6° E

Work Gunley Transit on line to avoid cutting lines

$\pi 300 H = 7 \frac{1}{4}$  cor

Tracer so thick BS. 40 point

0.50 of a foot so of slot  $\frac{1}{4}$  stake and run

East on & 27

$280.5 \text{ Hub } 300 \text{ Stake } 600-900 +$

$35.2 = 935.2 \text{ Hub}$

Mr Mattson sends me to dinner at Mrs Griffith's res

pm, continue E-27

$935.2 + 19.6 = 954.8 \text{ Tall}$

stake at edge of Low Cut Bank

Right Bank of Pine River

set tall stake

I wade Pine River and set stake on Hi Left Bank

Wade back -

Mattson walks around by bridge set double center Hub on E Bank of Pine River

10 FT E of Cut Bank top on Bank 50 ft Hi

EL and I walk back to Car and drive around

0.62  $935.2$

N  $935.2$

29° 25'

Pine River

60° 33'

523° W 118.00

Hi Bank 10'

6' 1'

E



Time Sheet Working For E.L. Trask @ \$7.50 per expense

October 1933

John W. Curo

Car Miles

Expense

Harry Gould

E.L. Mattson

Mattson

Dad

SUN 8 9 10 11 12

1/2 1 AM -

0 PM 1 AM -

0 41 20 20 -

7/2 20 -

0 1/2 -

0 1/2 1 1/2 AM

0 1/2 1 -

0 - 1/2 AM

Board Sheet With Mrs. Dessa - Shofer Griffith P. By Mattson

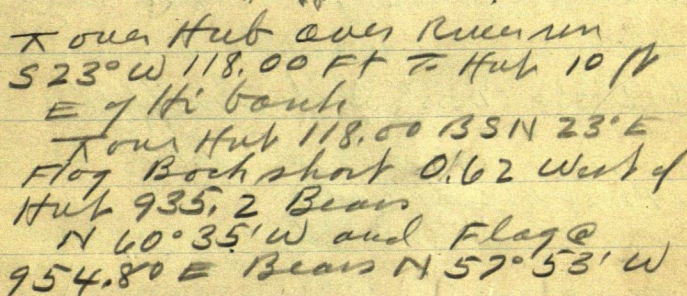
John W. Curo 0 - 0 -

Board Sheet With E.L. Mattson

John W. Curo 0 - 5 L<sup>B</sup>



84


$$\begin{aligned} \tan \gamma &= 56385' \times 192.64 = 108.62 \\ \cot &= 1.77351 \times 108.62 = 192.64 \end{aligned}$$

1173.33 E Harbour River + 146.67  
= 1320 E set Hat Temp 1/16 Col  
Eat supper with Mattson & Sisler  
sleep in Tent with Mattson.

John W. Cress



85

⑦

E.L. TROSK

E.L. Mattson

### Addresses

E.L. Mattson Security Bldg Neph

Don Felter asst Co Surveyor  
under His Uncle Josh Shaper neph

Mrs Dessa "Dess" Shaper Griffith  
Cross Lake Minn  
Lives on Lot 8 Sec 28 - 137-27  
Piney Rapids Resort



October 11-1933

Wednesday.

Up @ 6-30 Breakfast 7:00

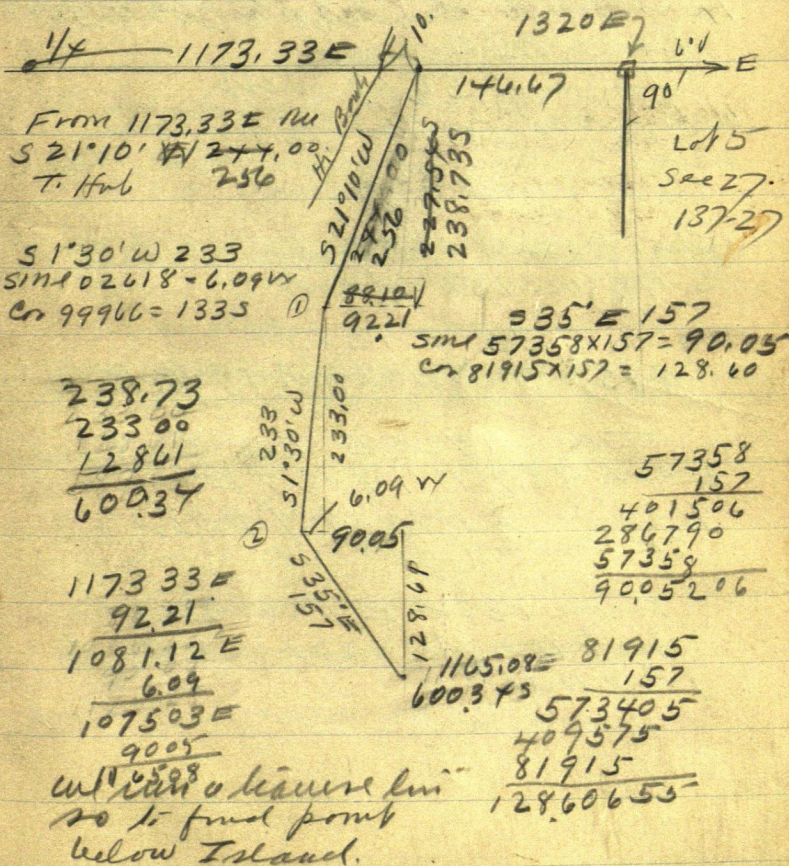
EL Mattson and 2 drivers & ab  
ald "Dad" will come at 8 am.

T over Hub 1173.33 E Run

S 21° 10' W 244 Ft to Hub

Since  $36108 \times 244 =$

Corr 93253  $\times 244 = 227.545$





October 11-1933 Continued

Town Hut 256

From 256 BS N  $21^{\circ}10'E$  7.4000

N Point of Island lies  $S 77^{\circ}W$

at 200 ft. ~~from~~ <sup>at</sup> Hill = L. Bank of  
Pine River @ about 300 N Point  
of Island Run

S  $1^{\circ}30'W$  233.

Town 233 BS N  $1^{\circ}30'E$

Foot of Hill lies  $N 60^{\circ}E$  300 7.5000

River 35 ft west

Island 50 ft west

Nat'l - narrow cut off stream  
runs between Island and main  
land about 15 ft wide.

So Point of Island lies  
S  $40^{\circ}W$  150 about

Run S  $35^{\circ}E$  157 ft

@ 157 Run about 15 ft R.

Town 1320 E Run continues

E to 88.7 to 1408.7 E

Hut on E Brink of Hill

SE Brink of Hill

From 1320 E Run  $90^{\circ}S$

about 100 ft Hut on SE Brink  
of Big Hill



(10)

S  $21^{\circ}10'W$  256

sin  $36018 \times 256 = 92.21 W$

cos  $93253 \times 256 = 238.735$

Note: Mr E. L. Mattson wants to buy  
Gov Lot 4 and enough of Lot 5  
to catch all of the Island and enough  
of the low River shore to carry  
him south below the Rapids so  
as to put his boat into smatter  
water to run south to Pine Lake  
He thinks 660 ft so will be  
enough and to cut off Lot 5  
at a point 100 ft East from SE cor  
of Lot 4 and also 200 ft East

I am to send him a description  
to cover one tract beginning 100 ft  
East and another 200 ft East  
and to run them so 660 ft  
to E of Lot 5 Then west to Run

I will charge only for 2 days  
@ 75<sup>00</sup> and \$2.50 for car = \$17<sup>00</sup>  
to be paid by E. L. Trask

we quit at 11-a.m.

We just want to find "about"  
what will catch the Island



89

137-27

(US Nalis ⑪)

North Bet 27-28-137-27 U 10°E

175 (= 115.50 ft) Set MC.

Elm 10 N 17 1/4 E 314 Lks = 207.24

no other line near

1469 (= 769.54 ft) MC R. Bank

Elm 24 S 62 E 300 = 798.00 ft

no other line near

1669 (= 1101.54 ft) MC

W Pine 24 N 35° E 213 = 140.58 ft

Brook 9 N 20° W 109 = 71.94 "

4000 Set 1/4 Cor = (2640 ft)

Ash 4520 W 15 = 9.90 ft

" 3840 E 10 = 6.60 "

4770 (= 3148.20 ft) MC R Bank

Bolm Giliad 12375 E 37 = 24.42 ft

Bl Oak 12 N 7° W 58 = 38.28

4965 (= 3276.90 ft) MC L. Bank

YP 8572 E 59 = 38.94

Oak 10 N 6° W 166 = 119.56 ft

8000 Cor 21-22-27-28-137-27

YP 14 N 16 E 120 = 79.20

14 N 41 W 79 = 52.14

16 S 52 E 64 = 42.24

16 S 36 1/2 W 89 = 58.74

see Meanders Page 346-  
Book A Says 4900 Lks ?

Curo

Oct 15-1933

John A Curo



October 14-1933

(12)

EL TROSK

EL Mottson

70

Saturday

I write up these notes from  
Lone Leaven

9 AM Paul Newsham calls in  
enroute to Bochen

Dance at Denkhin

Ollie Kemper Policing Dance

October 15-1933

Sunday

up at 8 AM. Cloudy-warm

Betty-Alma + Reed sleeping



91

Time <sup>D</sup> Board

E. L. Madson 2nd Survey

July 1934

	17	18	19	20	21	SOM	22	26	28	SUN	29	30	31	
John W Curo		1/2 PM	1	1/2	1	1	1	1	1	0	1	1/2 AM		= 7 1/2 days
Cor		20	1	1	1	1	1	1	0	1	1			9 days
Exp		-	-	-	-	0	1	1	0	-	-			
Reed Curo		1/2 PM	1	4H AM	1	1	1	1			1	1		8 days
Stuhr		-	1	2	1	0	-	-	0	1/2	1			= 3 1/2 days
Dad RG		-	6H	4H AM	9	0	-	-	0	1	1			= 35 Hrs
Wm Bozell		-	8 HR	4H AM	9	0	-	-	0	-	-			21 "
Herb		-	-	-	-	0	1	1	0	1	1			4 days
Henry		-	-	-	-	0	1	1	0	1	1			
Ivers Jr		-	-	-	-	0	1	1	0	1	1			
Babcock		-	-	-	-	0	1	1	0	1	1			

Board With Harry Could

JWC	SL	B	B	B	B	-								
J.R.C	SL	B	B	B	B									12

Boarding with Mrs Desso Griffith

JWC	-	DS	DS	DS	DS	-	-	0	D	-				
JRC	-	DS	DS	DS	DS	-	-	0	D	D				24
RG Stuhr	-	DS	DS	DS	DS	-	-	0	D	D				19
Dad	-	DS	DS	DS	DS	-	-	0	D	D				33
Wm Bozell	-	DS	DS	DS	DS	-	-	0	D	D				
Herb	-	DS	DS	DS	DS	-	-	0	D	D				
Harry	-	DS	DS	DS	DS	-	-	0	D	D				
Mattie	-	DS	DS	DS	DS	-	-	0	D	D				
Ivers Jr	-	DS	DS	DS	DS	-	-	0	D	D				
John Graham	-	DS	DS	DS	DS	-	-	0	D	D				

Continued on Page 114.



E. L. Madson. <sup>(2)</sup> Second. Survey 92  
Sec 27-137-27

July 17-1934

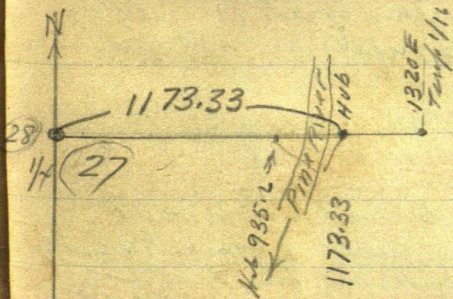
Write Madison that I will leave  
early to morrow morning to start  
his survey.

(18<sup>th</sup>) Look up notes PM. To Jenkins  
Reed and I dig up corners  
call on Mrs Griffith also.  
Dad. Bath about 4 PM.

2 miles E and dig up 2 m.  
Return to Harry Gould for supper  
and over night. Ola Heath  
Hardy with Alma.

July 19<sup>th</sup> 1934 Thurs

Reed and I have breakfast with Gould  
and drive to Motson Tract.



Heller  $\pi$  over old Mob 1173.33 E of 1/4 Cor

Dad" arrives 8am and finds brush too heavy and drives back to get 2 men. Dad picks up Herb Kiny and they grind axes. Then pick up wren Bogel. Dad returns 10 with Bogel & Kiny and they all cut line.

East See Page 84 and 86

Jahn W Caro



July 19-1934 continued  
 Reed wader Pine River with flag on  
 Hub 935.2 E we continue our alid line

### East random & Sec 27-137-27

1320 creek old Hub 1400 stake 1408.6 Hub  
 on East brink of big hill Thence low hill  
 1650 foot 1700 stake 1715 enter Brush  
 meadow 2000 stake in Swamp

2054.0 Hub 2 Pins at root  
 of 12" Twin Berches 3 ft NW lean  
 NW 2082.4 Hub 2x30 Birch stake 2300 sth  
 2344 R Bank Creek 4 ft wide runs SW  
 2360 L Bank LV Brush meadow  
 2387 to 2440 & Creek which turns NE  
 2440 LV L Bank 2600 stake  
 2697.2 Hub about 15 ft E of crooked  
 Twp Road N-S.

Note: Bozell-Henry & Dad eat this  
 line thro to the road and must later  
 we all look dinner with Mrs Griffith  
 Reed & I home supper with " "  
 Sleep at Harry Gould

### July 20-1934 Friday

Reed and I eat breakfast with  
 Gould. at 6.40 I call Louis Knudson  
 Co Surveyor Brainerd for his lots to  
 NW Cor and 1/4 on N side Sec 27-  
 137-27 Here they are  
 See Pg 95

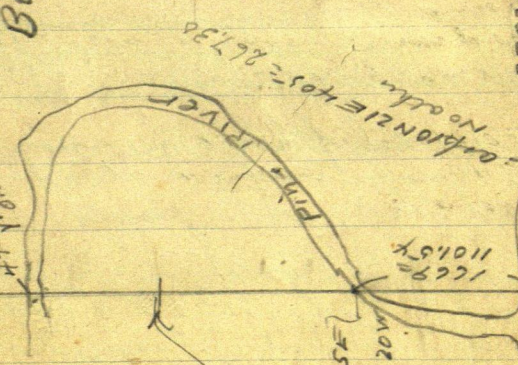


N

VP14 N16E120-7920  
 "14 N41W79-52.1x  
 "10552E64-4224  
 "105361/2W89-58.74  
 "105361/2E51.6W

Page 315  
 Book A.

Q44520W16  
 "3540E10



WP24 N35E  
 213=  
 Broad 49 N 20W  
 109

1238  
 81708  
 175  
 155

2752  
 1816.3205

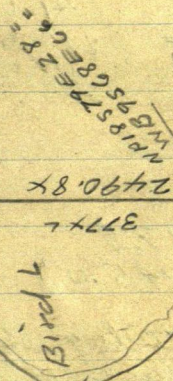
27  
 VP18 N42W36-83.76  
 VP105481/2E300-198.00

DP4N70E85-56.10  
 "4N781/2W60-39.6  
 "45521/2W17-11.22  
 "458031/2E66-43.52

Hard 8564E118-77.88  
 "7N20W113-74.58

3790

3516  
 2320.52



VP3581W178  
 "8N881/2W158

2720  
 1795.20  
 3790-2633.40

710

377x

2490.8x

MC-500 Cor  
 VP15N5E239=  
 "1XN31W54=  
 "00K557W86=  
 VP346E58=

Madison  
 Mottson  
 26  
 3516  
 21096  
 21096  
 2320.56

137-27  
 377x  
 22644  
 22644  
 249084

94

4015=  
 JP3548E78-51.48  
 Q463N14W81-53.40



95

EL Mattson

July 20-1934 Continued  
 Knudsen's Ties via Telephone  
 7-AM. at Harry Gould Ranch

NW Cor 27-137-27

JP S 8° E 43.00

" S 49° E 41.60 To IM N side

" N 53° E 116.50 E W Road

" N 75 W 48.90

 $\frac{1}{4}$  N

JP NW 137.7

I Pipe SW 45.0

Reed and I dig up both monuments  
 Dad brought Bozell and some water  
 then left. Reed & I pick up Herb  
 Henry & Wathing.

Bozell cuts brush v-s along  
 of Road sec 27-137-27.

Reed and I chain out of line East to  
 same road.

Herb-Reed & I climb trees cut limbs  
 along Corby Road v-s sec 27

Rains about noon and we all  
 take dinner with Mrs. Kniffert  
 Dad not in for dinner

I get telephone message from  
 Mrs. Kemper - Alma about Ola  
 Heath Hardy at Bryant's

PM.

Reed & I take Bozell & Henry home  
 drive to Jonhns. Reed takes along  
 to Mrs. Ritchie's to board @ \$1. per day  
 then drives Ola Heath home to  
 Pine River

John W. Curo



July 20-1934 <sup>(6)</sup> Continued 137-27 96

4:00 AM we drive to Jack Steens  
set a line of stakes for Jack  
Ira Johnstone interferes but we  
"shoo" him away - and we set the  
stakes

See Field Book No.  
Supper with Mrs. Griffith 8-30  
sleep at Harry Gould's.

E. L. Nelson arrives from Mpls  
and we meet him at Griffith's

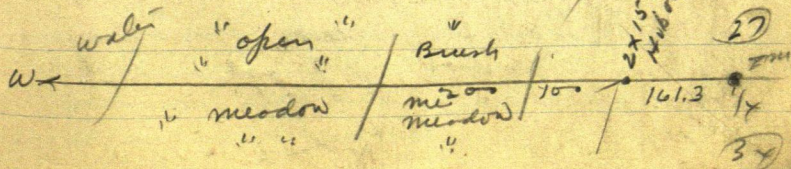
July 21-1934 Saturday  
Up early Harry Gould and his boat  
comes Pine River and we wade  
old lake bed till Harry finds  
I'm at See Cor 27-28-33-34 -  
137-27 - set by Knudsen

It has fallen over but we push  
it back in same hole and set tall  
pole 3' x 10 ft. I am to pay Harry \$1.  
for all the time he has spent with  
me locating old corners.

Yesterday Harry showed me the  
old 1/4 Cor S. side Sec 27.

Reed and I pick up Bozell & Henry  
find Dad at 1/4 Cor

1/4 Cor but 27-34 - 137-27





97

⑦ E. L. Madson

July 21-1934 cont'd

 $\frac{1}{4}$  Cor Bet 27-34 - 137-27

US Nalis call for: See Pg 94

YP 18 N  $42^{\circ}$  W 36 = 23.76 FTJP 10 S  $48\frac{1}{2}^{\circ}$  E 300 = 198.00 FeetWe find stumps of both lines which  
check out perfect to heart of stump

@ Dist bet old lines is 0.40 short

Proportion this and lines stand OK perfect  
for course and distance with themselves.  
But for does not quite fit the line  
E-W-Line

Sep 2x40" pipe in low mound of dirt

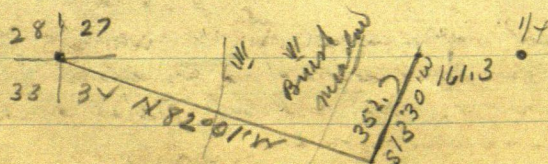
True  $\frac{1}{4}$  Cor bet. 27-34 - 137-27

New BTS VIZ

JP 7 N $26^{\circ}40'$ E 65.95 Feet	} T. flat spot at base 7°10'E
" 10 N $53^{\circ}44'$ W 76.35 "	
OK 7 S $62^{\circ}10'$ W 105.80 "	
JP 12 S $52^{\circ}52'$ E 100.10 "	

Old US BT Sta N  $40^{\circ}43'$  W  $\vee 7^{\circ}10'$ " " " " S  $47^{\circ}26'$  E

All turned from line line looking west

Note: Mr Madson + son arrive  
and watch us work Mr Madson now  
wants all line run on Gov LchTo get Distance over NE end  
of pine LakeFrom  $\frac{1}{4}$  run West on True Line  
Bet 27-34 - 137-27 Focus on flag + on  
137-27



⑧

98

513°30'W 352.7

Sin 23345 X 352.7 = 82.34 OK

Cos 97237 X 352.7 = 342.95 OK

7°59' Cot = 7.13042 X 342.95 =

Tan 14024 X 2445.4 =

Tail 2699.02

28 | 27 | 2527.72

IM 33 34 7°59' 2445.38

137-27

2445.38

82.34

2527.72

161.3

2689.02

2640

49.02 too long

37



Reg @ IM 1/4 Cor bet 27-34-137-27

BS West on line IM. Seen and run

East Bet 27-34

@ 25 Cross 3-000. Hub 1x8" 1 ft E of old road

NW SE - 17.15 = 582.85 Hub 2x12 pine

900-1200 - 1397.0 Hub 2x12 pine on top

of Big Hill. Then down hill 1500-1634

Cross & old Road NE-SW

1740.50 Hub 1800 stake 1840-3 ft

seawall NE-SW 1858.2 Tail stake in grass Beach 10 ft West of wall

X @ 1397.0 Reed sets Hub in old Field on top Over Lake Hub A

X @ Hub A over Lake Run West 64.00 set 2x12 oak Hub on W Bank

Hub A Run N 58°10'W 503.10 To "B"

X @ "B" Stake 1858.2 Bears

S 60°31'W V 6°45'

6:02 AM Aunt Lati and take men home

Supper late with Mrs Griffith

Over night with Gould Reed goes to slinson Lane.

John Wren



99 E.L. Mottson ⑨ 2<sup>nd</sup> Survey

July 22-1934 Sunday

Reed and I work alone - meet  
Mottson 8-30 at Griffith Drive

to on 26-27-34-35-137-27

US Notes call for

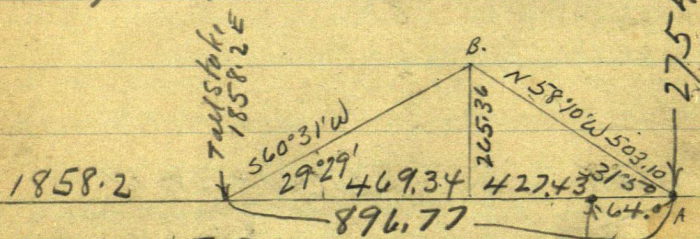
YP 15 N 5° E 239 =

" 14 N 31° W 54 =

OAK 5 S 7° W 86 =

YP - S 46° E 58 =

Figuring--



N 58° 10' W 503.10

Sine  $84959 \times 503.1 = 427.43$  OK.

Cosine  $52745 \times 503.1 = 265.36$  OK.

$31^{\circ} 50' \text{ Tang} = 62083 \times 427.43 = 265.36$  OK

$29^{\circ} 29' \text{ Cot} = 1.76869 \times 265.36 = 469.34$  OK

$\text{Tang } 56539 \times 469.34 = 265.36$  OK

$\begin{array}{r} 469.34 \\ 427.43 \\ \hline 896.77 \end{array}$

$\begin{array}{r} 2690.97 \\ 2640 \\ \hline 50.97 \end{array}$

Notes: Chris Fritz R#5, Brainerd  
Near Geo Clark - called at Mrs  
Griffith Res asking for @uro

I call on Mottson who says  
he will be at 825, expense money  
for me with Mrs Griffith Dad Reed  
& 2 eat drives with Mrs Griffith  
John Weir



July 22-1934

4 PM. Reed and I return.

Mrs Griffith hands me ch from  
Madson \$25. ✓ 12

Mpls Min 7-21-1934 #1649  
Midland Natl Bank & Trust Co  
T. John Euro \$25. J Mattson

I am to pay Mrs Desso Griffith  
from meals viz

JWC	8
Reed	8
Bozell	3
Henry	3
Dad	2

24 @ 35¢ = 8.40

in full to after supper today

I will bring or mail ch. to Mrs  
Desso Griffith. Cross Lake P.O.  
Star Route

We drive to Brainerd Pick up  
Mattie and Ivers Babcock Jr.  
and return to Jenkins

Mattie sends me after Alma who  
refuses to come home I give Alma \$1.  
also Mrs Ritchie \$1.

July 23-1934 Monday

Junior keeps house alone at Jenkins  
Matti Reed and I to Brainerd  
Bring Mattie's oil stove, all  
return for our nil at Jenkins  
Alma still at Ritchie's I give  
Mrs Ritchie \$2.



July 24-1937 Tues  
 Reed & I L<sup>o</sup> for Hibbing - drive  
 236 miles look over Nelson lands  
 on Hibbing 9-30 PM. Meet Mr & Mrs  
 Guy H. Nelson at Androy Hotel  
 Sleep & Tourist apts \$1.25

July 25-1937 Wed  
 Look over mines with Nelson &  
 return to Jensen Talat 438 miles  
 Alma still at Ritchies Refuses to  
 come home - Ivers Jr Babcock  
 and Mrs Wacene still keeping  
 our house

July 26-1937 Thurs  
 Katie stays alone - Babcock -  
 Reed and I with lunch drive E to  
 Farm NW Cor Sec 27-137-27  
 Im Chain Roughly one mile E

Reed & I on NE Cor Sec 26-137-27  
 West on E graded road 1320 feet  
 404 ft high same at 2648 and 3960  
 5280 ft. Flag at NW Cor Sec 27  
 T @ P.O.T. on top of big hill then  
 back Heller west to Im @ 1/4 cor  
 on N side Sec 27 BS on flag at  
 NW Cor 27 run East BOT on  
 big hill from which Red spike  
 Trip NE Cor 27 Speck's spike  
 This is Remarkable -  
 John W Cane



Drive to Cor 26-27-34-35-137-27  
 US Natl call for MC = Sec Cor  
 YP 15 N 5° E 239 Lks = gone  
 YP 14 N 31° W 54 Lks = 35.64 W  
 " — S 46° E 58 = 38.28  
 Oak 5-S 7° W 86 = 56.76

We find slump of NW BT. directly under  
 BT and @ 7° 45' on ch 531° E 36.26

35.64 from Heart of slump  
 36.26 drive 2x40" pipe in

Large mound of dirt for line Cor.

Old Old shot 15" pipe slump  
 bears S 46° E 38.28 + 3.3 = 41.58  
 To side of slump = 3.3 too far away  
 46° turned from our random line  
 cut 5.25 of foot E of heart of slp

Oak slump 2' Hi 8" diam burned  
 bears S 7° W 56.76 - 2 ft - 54.76 =  
 2 ft shot corner cut west edge  
 of slump - Because SE & SW slumps  
 not marked and one too far away  
 and oak too close we "Dismiss"  
 them and leave our T in when it is  
 OK. New BTS

26-27-34-35-137-27  
 JP 9 S 16° E 101.3 To spot 6' up  
 Oak 8 S 57° W 41.90 To spot 8' up  
 Tree leans about 0.40 SW  
 well about 150 west  
 Foot of big hill about 75' west  
 Cor sets on Side Hill Slopes 3W







(14) 300.0 104

July 27-1934 Friday  
all day in Jenkins -

182.9	
117.1	2700
900	40.2
1017.1	2659.8

July 28-1934 Sat  
Mattie stays alone - Reed-  
Ivers and I 6-50 L Jenkins

Beg @ IM NW Cor Ch East bet 22-27-137-27  
3-6-9-12-1320 Hub spike 15-18-21-2x + 259.8 =  
2659.8 Th 1/4 Cor IM Bet 22-27-

Travel 1/4 Bet 22-27 - Focus West on  
See on bet 120 d spike P.O.T. 473.5  
East From West 1/16 POT is in NW wheel  
Track 22 Ft N of E JP 6N 43°10'E 42.90  
Birch 3" S 61°20'E 43.30 Clump 3. Birches  
= center Birch. Forked Oak 9. S 24°20'W  
35.20 = Clump of 3 oaks = East Oak  
Var 6°15'E Turned from line line

West 1/16 Bet 22-27-137-27 = 120 d spike  
2 ft of wheel Track 5 ft S of E  
JP 9 S 62°22'W 52.00 - JP 11 S 33°21'E  
48.30 To spot at Base 473.5 W of  
POT @ 1803.4 E all turned from line L.

From 1/4 Ch East bet 22-27-  
3-6-9 spike Then walk to POT on hill  
Ch West down hill 3-6+99 = 699.0  
added to 900 = 1599.0 E POT on hill  
Beg @ P.O.T. 1599.0 E Ch E down hill  
3-6-9 + 117.1 = 1017.1 added to 1599.0 =  
2616.1 To Cor 22-23-26-27-137-27

2) 2659.8	3000	1599
1329.9	182.9	1017.1
1320	117.1	2616.1
7.9	900	
	1017.1	

East P.O.T. Bet 22-27- = 40 d spike 1 ft  
N of E Roak 3N 49°55'E 42.85  
Roak 2N 20°20'W 34.10 From line  
line spike 2' down in sand



105

15

July 28-1934 Continued

K@ Cor 23-24-25-26-137-27

Ivers with flag one mile west

Set + Picked East of Curve for BS-

Rake in the mile west bet

23-26-137-27 set spikes

@ 1320 W set 120 d spike 4 ft N 4 E

= East  $\frac{1}{16}$  Bet 23-26-

W 0.5 N 19° 45' W 34.08 } To spat d  
 JP 8 S 49° 30' W 90.20 } Base Trained  
 from line line  
 AE  $\frac{1}{16}$  Bet 23-26  $\angle 70^\circ$

2640. W set 30 d spike for

True  $\frac{1}{4}$  Cor Bet 23-26-137-27in  $\frac{1}{4}$  E-W graded road

JP 15 S 28° 40' E 70.53

W Oak 15 N 82° E 166.50

West  $\frac{1}{16}$  Bet 23-26-137-27

30 d spike 6 ft N 4 E

B Oak 12 S 5° 30' W 36.63

W Oak 8 N 67° 05' E 56.75

Driven 6 inches below surface

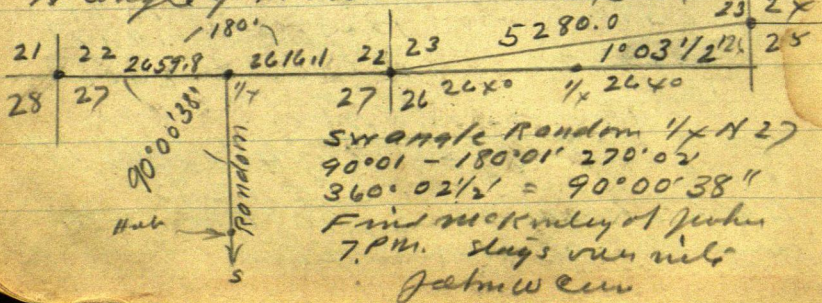
22-23-26-27-137-27 = 2x 26 P  $\frac{1}{4}$ 

E Road 5280. W set

JP 8 N 65° 20' E 81.35, B03 N 12° 20' W 23.25

B04 S 59° 05' W 47.10, B05 S 19° 30' E 81.95

W Side old Field &amp; Fence S about 30 ft W

N angle of True set line =  $108\frac{1}{2}'$  or



(16)

July 29-1937 Sunday  
 McKinley left at 5:30 am.  
 Alma still at Relihies - Mattie -  
 Reed Junior & I all am. on road  
 Junior goes fishing at Harris  
 Reed goes to Crows Lake

July 30-1937 Monday  
 I mail Haak Dedication  
 to Doug

up @ 4-30 am. 8-30 am.

Mattie - Junior - Reed & I

9-30 Find Bozell & Dad  
 waiting at Mattson Camp

Cut & Rec 27 - South

11-10 am Dad & Bozell go  
 in Reed - Jr & I Beg @

$\frac{1}{2}$  x on N side of

South along crooked Red  
 & Rec 27-137-27

3-6-9-12-1320 set 110 of Spik  
 in & road Nation line

15-18-21-24-27-30-33-36

39 - Spik nation line 42-45-48

51 + 191.2 = 5291.2 incline  $\frac{1}{2}$

@ 5291.2 set 110 of Spik on

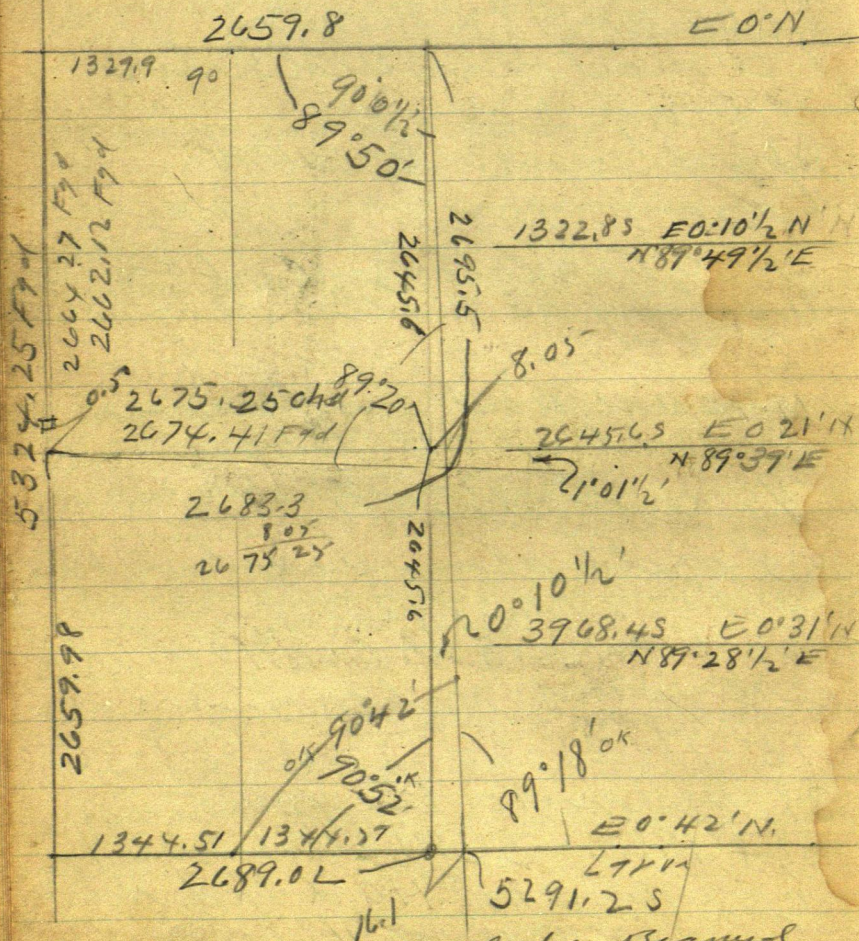
Random 16.10 E of  $\frac{1}{2}$  x on

all take dinner with Mrs

Griffith



107 July 30 - 1934 <sup>(17)</sup> Continued  
PM - Matter Reed, junior & Z  
Lt one minute - fly in dim  
@ 5291.2 S intersect trees  
line 16.2 E of 1/2  
So line Sec 27 runs E or E  
0° 42' N



5 pm Mattie and I start for Beaumont  
turn back Pickups Reed & Jimmy  
all home for supper

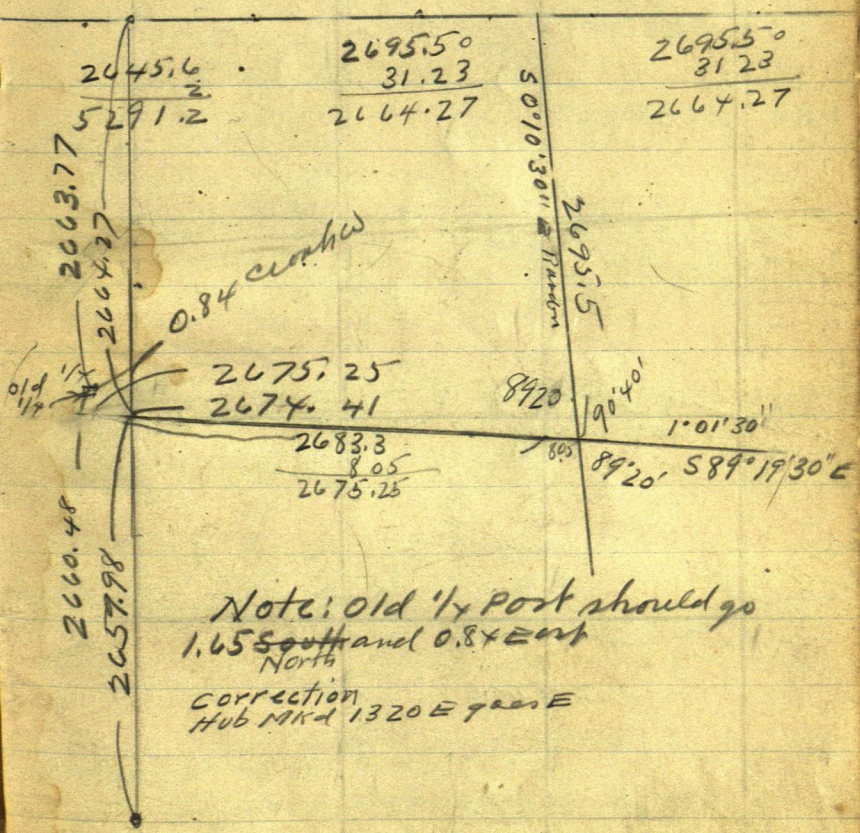


0° 42' Tang .01222 x 2705 = 33.05 ft

2689.02	5291.2
<u>16.10</u>	<u>33.05</u>
2705.12	5324.25

0° 40' Tang = .01164 x 2683.3 = 31.23.

West Line = 5324.25) 29.20 (= .005485  
Tang = 0° 19'





109

(19)

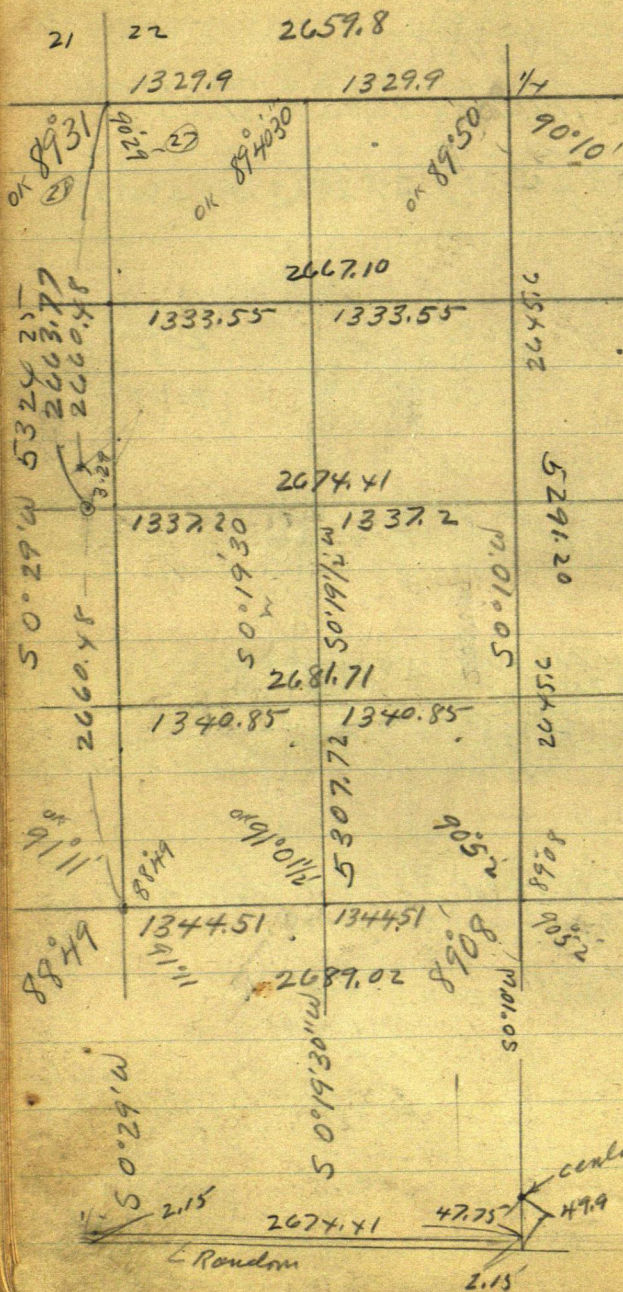
$$\begin{array}{r} 8930 \\ 9030 \\ \hline 17960 \end{array}$$

1337.2

87

Sec 27-137-27

1358.04

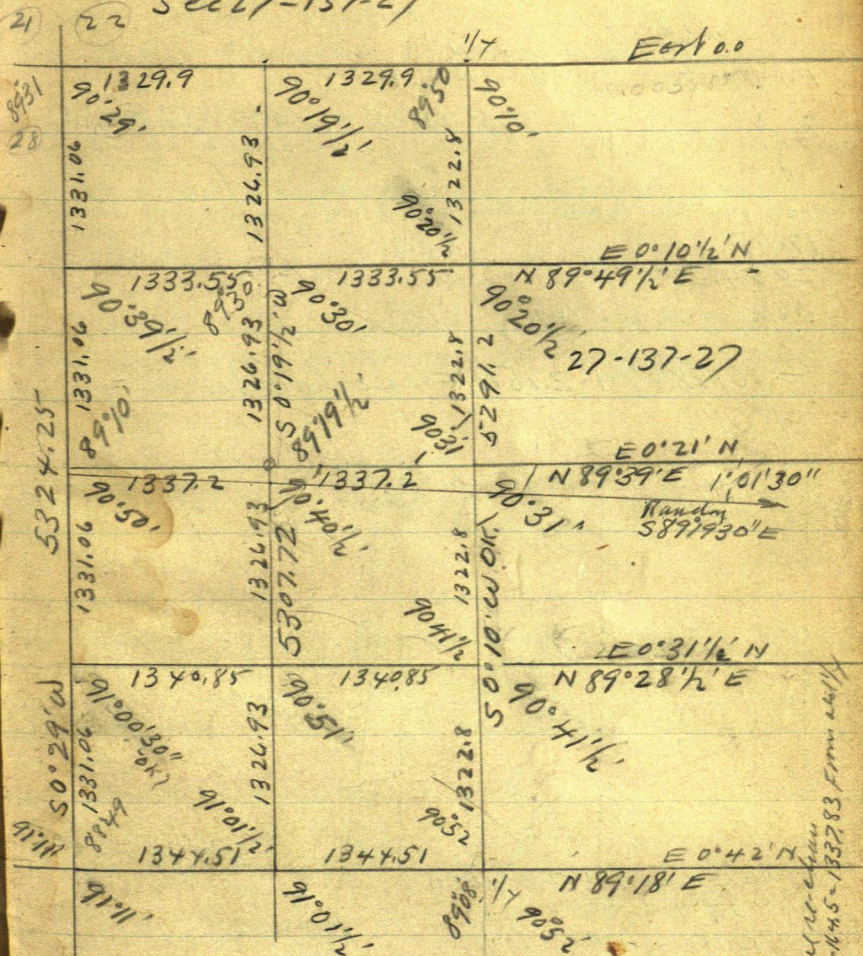




20  
E & W Lines Converge  $10\frac{1}{2}'$   
N x S " "  $9\frac{1}{2}'$

110

22 Sec 27-137-27



center of Sec 27-137-27

2695.55 ch N 49.90 T. 2645.605

2645.60 Sogress West 8.05 To True Center

At IP = 2683.3 E ch west 8.05 To 2675.25 E Then

N 47.75 + 2.15 = 49.9 To line center

At 1320 E ch E 18.05 T. 1338.05 E Then N

2.15 + 23.87 = 26.02 To True  $\frac{1}{16}$  Cor in center of

West half.

Correction = .017857 + 2.15 N For each half E

50° 29' 10\"/>



correcting E-VY 4 22-27-137-27

□ 1/4

also 1/4 Pmt (P780-82) 9 am N 1.65 E 0.8X

Hub 280.5 E P782 9 am N 7.15

935.2 E " N 18.85

954.8 E " N

Hub 1173.33 E P984 9 am N 23.10

" 1320 E " " E 18.05 to 1338.05 E P9110.

then N 26.02 to TRUE 1/16 in cen of W 1/2

27-137-27

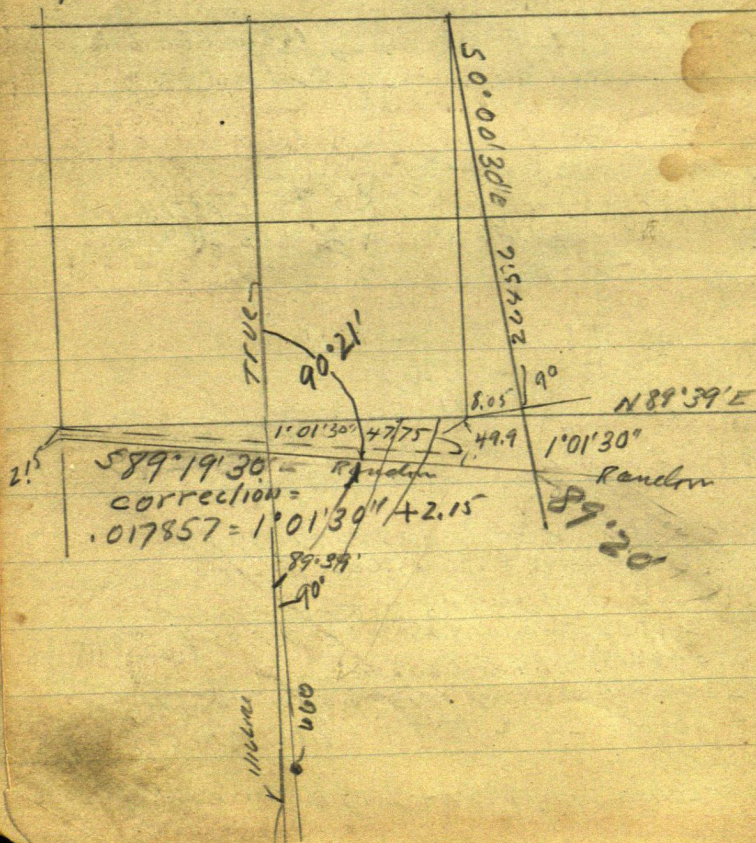
Hub 1408.6 P993 9 am N 27.31

1700 E 9 am N 32.51

2054. (P994)

2082.4 E 9 am N 39.33

= .017857 + 2.15 N For each foot E-V =  
1° 01' 12"





July 31-1937 Tues

Matti and I take Reed & Jr out  
Find Bozell's Dad waiting on HS-4  
about line and at 3968.450 set

Huron Random to our 3968.450 in  
90°W set 2x26' Pipe in 2 vs Road

True S  $1/16$  But 26-27 - 137-27

From Random to 3968.4 True True  
N 0°00'30"W Run

S 89°28'30"W Line cuts 0.1057

$1/16$  Pipe

Lv Reed to run Transit and @ 10-am  
Matti and I Lv for Branard \$25 from  
Carl Ryan covered at Citizens State  
Bk Branard

Reed & Jr - Dad & Bozell eat dinner  
with Mrs Griffith

Matti and I return from Branard  
and call on Mrs Griffith at 5-30  
Drive out East and back to Griffith  
where we find crew waiting

all home in Jenkins for supper

Nate; Reed then west to run by  
moon P.M. He started at  $1/16$   
and cut 600 ft vs

Lv outfit in the woods

Aug 1-2-3-1937 at Jenkins saw many  
on figures

Aug 4-1937 Sat

Reed - Bob and I Lv 8-am - Mattie alone  
Matti alone call on Herb Henry Mrs G.  
9-15 Find Dad. Reed & Bob will work alone

I decide to work all day with the boys all take  
dinner with Mrs Griffith all go home to Jenkins for  
supper



Aug 5-1934 Sunday

Mattie - Junior - Reed and I get Alma at Ritchies and all go to Mildred for Pemie's dinner

Aug 6-1934 Monday

Mattie alone with Alma - I drive Reed & Bobcock to work and pass Haake flat at Commissioners meeting at Beaman

Reed & Dad & Herb & Junior work - We picked up Herb on our way down Dad calls

Reed - Junior - Dad & Herb for dinner at Mrs Griffith Reed & Bob for supper

They cut line N on W 1/4 line Supper with Mrs Griffith and over nite with Harry Gould

Aug 7-1934 Tues

Reed - Bobcock - take breakfast with Gould Dinner and Supper with Mrs Griffith

Dad - Reed - Bob & Stahr finish the survey

Reed & Bob stay over nite with Gould

They get there at 5 PM

I take contract with Chris Fultz & Perry \$150 and \$25. Home in Jenkins

Aug 8-1934 Wed

I drive to Goulds and get Reed & Jr Mrs Griffith wants us to stay for dinner I tell her no - Pay her 35¢ for dinner Mattie at July 30-1934. Left at 11-30 Home in Jenkins for Cal's dinner



E.L. Mattson 2nd Survey

117

Time and Board

Brot From Page 91.

August. 1934	4	6	7	8	Sept. 6	7	8	
John W Curo	1	-	-	?	1	1	1	4 + 7.5 = 11.5 \$86.25
Cor	1	1	-	?	1	1	1	5 + 9 = 14 \$81 = 14
Expense	-	-	-	-	-	-	-	
Reed Curo	1	1	1	-	1	1	1	6 + 8 = 14 \$82 = 328
R.G. Stuhr	-	1	1	-	-	-	-	2 + 3 1/2 = 5 1/2 \$12.20 \$13.20
Wm Bozell	-	-	-	-	-	-	-	35 Hrs @ 30¢ = \$10.50
Herb Henry	-	1	1	-	-	-	-	16 + 21 = 37 Hrs 30¢ = \$11.10
Ivers Jr Bobcock	1	1	1	-	1	1	1	6 + 4 = 10 days \$81 = \$10.

Board With Harry Gould

John W Curo	-	-	-	-	S L X	B	12 17 29
Reed Curo	-	L	L	B B	S L X	B	@ 35¢ = \$10.15
Ivers Bobcock	-	L	L	B B	S L X	B	total

Board With Mrs Dessa Griffith

John W Curo	D	-	-	-	D	D	33 Total
Reed Curo	D	D	D	-	D	D	21
R.G. Stuhr "Dab"	-	D	D	-	-	-	54 meals = \$18.90
Wm Bozell	-	-	-	-	-	-	dr 8.40
Herb Henry	-	D	D	-	-	-	10.50 Bal
Ivers Jr	D	D	D	-	D	D	

Paid Jan 8-1936  
account Bmaha  
ok pd



Sept 5-1934

Reed Junior and I finish Chris Faily  
 plat He pays me \$25, I pay Dennis \$7.50 and full  
 Bal due from Faily \$25. Get a letter from  
 Mrs Griffith and one from Stahr to come  
 finish Mattson survey

Sept 6-1934

I write Mattson - almar &amp; Mathie

Sheriff sets out

Reed Junior & I batching - we eat our lunch  
 and @ 10-30 go to Jenkins. No one home at  
 Hub Henry's or Mrs Griffith call on Deaf at  
 2 PM - gone.

we eat our lunch at Mrs Griffith well  
 House and drink 1/4 c. Set 2x30" Pipe  
 For True Center of West Half Sec 27-137-27  
 in mound.

Correction Pg 110 Pg 111.

$$= .017857N + 2.15$$

0.02 and 1/4 foot goes 1.65 N and 0.84 E

$$\text{Hub 280.5 E goes } 5.00 + 2.15 = 7.15 \quad \text{T. True E to}$$

$$935.2 \quad " \quad " \quad 16.70 + 2.15 = 18.85 \quad \text{line}$$

$$1173.33 \quad " \quad " \quad 20.95 + 2.15 = 23.10 \quad \text{slk on w}$$

$$\text{Ch E to } 6.62 \text{ to } 1180 \text{ E} + 0.85 = 7.15$$

Set Hub 1180. E of New 1/4 Cor then

$$1180 \text{ goes N } 21.07 + 2.15 = 23.22 \text{ N}$$

Set 2 1/4 x 30" Pipe on true E-W &amp; Sec 27

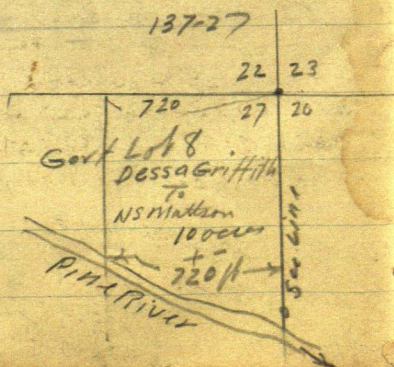
7.00 feet E of Brink Hical tank

1338.05

1337.73

3200 ft 1 in at 1/16 in

w Half gone 27 should be pulled  
 up and not E at 0.32 but we  
 will leave it where it is or ok.





From Mrs Deed  
Dessa Griffith

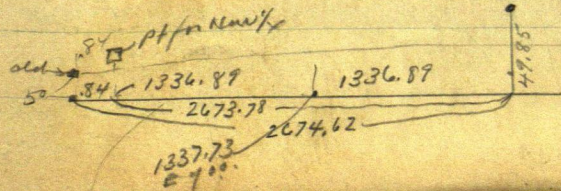
116

To pt Lot 8-28-137-27  
Marion L Mattson  
Beg @ NE Cor Lot 8 then Westly on N  
line 720 feet then S parallel to E line  
To Pine River then Eastly along Pine  
River to E line Lot 8- then on E  
line to pt of beg = 10 acres more or less

Reed - John Granting Bobcock (Junior)  
and 1 callon Mrs Griffith and Dad  
Duffin and over mile at Gould's  
Ranch. Harry & Mrs Gould left  
this morning for state fair. Helen  
Clarence car acting bad.

Sept 7 1934

up early get Mrs Griffith say the  
drive to center of sec 27-137-27  
2695.508 CH Non random 49.97  
2645.605 then 90°W 8.05 and set 2 1/4 x 30  
Pipe true center of sec 27-137-27  
12 ft west of E of west wheel Rock. 4 1/2  
ft west of E N-S Road  
E/M 12 N 24°30'W 38.60  
ash 125 73°40'W 41.10  
Spotted hi and low turned from  
true line N-S - Van reads  
N. End of Needle 6'15 - S and 6'0  
T over 110 d spike on random 2683.3 E  
BS W random I M in CH Sec 27  
beats N 9°53'W - 2nd Reads 260.07 R.  
= 9°53' - 50.60 feet  
Side 17164 x 50.6 = 8.68  
Corm 98516 x 50.6 = 49.85 L  
@ 2674.62 E Cor S & E 90°E 49.85 2 2673.78  
1336.89





Sept 7-1934

Dinner with Miss Griffith - PM Correcting

~~E~~ W & Sec 27-137-27 = .17857 + 2.15

0.0. gas N

280.5 E gas N 7.15

985.2 " " " 19.85

1173.33 " " 23.10

1180. 23.89 + 2.15 23.22 26.94 (K)

1338.05 " " 26.02 = 1/16

1408.60 " " 27.31

1438.90 " " 32.51

2000 " " 37.86

2082.4 " " 39.33

2300 " " 43.21

2600 " " 48.59

2674.62 " " 49.85 True center of sec 27-137-27

See this Page 116.

1638.05 E gas N 29.25 + 2.15 = 31.40 (K)

Beg @ 1/16 in center of so half walk west in line

line run by Reed. 600 Hub 2x2x12 oak

660 end in meadow 900-1200 Hub in line

1320.85 Hub + 4.15 = 1325.0 in

2 1/4 x 29" pipe 5 1/2 E of Bank L Bk

Pine River in mound.

379.2 small 1" oak Hub 300 Hub

Heller K over Hub 900 W Stables

Use E-W 1/16 as E-W Take open meadow

East 240 - West 430 Run Bank

Check on 200 425 W Road Reads 4.40 Also run

N 70°40'W 400 N 46°10'W 425

70 Foot E of creek which runs west

25 ft 11 Pine River N 40°W 425

SE Bon of creek 30 ft N. N 27.15W 480 creek Bk

N 15°W 510. N 7°30'W 640 S Bond Creek

Lots of open patches of Hay meadow

west of this line sprinkled with brush

= a strip 100 ft wide. entire length



X still at 900w

Take East side of meadow

N 4° 30' E 675, N 12° 40' E 475

N 41° E 360 R North 770 =

- 31 = 740 861,

East 70 ft N 70° E 100 N 62° E 150 x 200

N 64° E 350 N 61° E 300 N 52° E 250

N 53 1/2° E 150 N 33° E 100 N 12° E 200

N 8° 30' E - N 25° E 270 N 15° E 400 @ 35°

cross creek N 2° 30' E 420 N 7° 30' W 400

N 31° W 450 Bow 10 ft N. N 40° 30' W 400

Bow 10 ft NNW N 66° W 315. S 86° 5' W 125

and 270 lat 120 cross creek 3 ft and

Run SE

5-30 W. L. and eat bread and cream at

Harry Goulds - no more home Back at 6-30

town Hut 140 ft 6 chain from spike 1338.05 E

1:16 38.05 set spike on random cut line so till

dark drive home to Jenkins Get Rodie

Reed-Johnnie & I alone at Jenkins

Sept 8-1934 Sat

wrote about a hurried postcard dated wrong  
Sept 7th

at 11 am town spike 1638.05 E from

S 89° 19' 30" E and run N 0° 19' 30" E 31.40

and set 2 1/2 x 30" pipe for Mathews SE cor

of 300 foot tract

Run 50.21" E @ 175 fully open meadow

Transit telescope on line cuts 0.40

west of Tm 301 - pm 477.2 Creek

3 ft wide run SW 595 & creek SE

Bow 20 ft W 600 pm 660 Tm

Dinner 1:30 to 2-30 pm with Mrs G

2-30 pm at 660 set 2 x 40" pipe

0.40 E in line with Tm at 11 E

35 ft W of creek and 15 ft N of creek

runs W & SW town Tm 660 to

BS N on Tm then 90° and run W parallel

with N 13 deg W with 10 ft N of open meadow

@ 50 ft fully open meadow 142 Ls open

meadow 20 ft W of SW cor 300 pm



West on so rid of Mathron's 300x660  
Foot lock 4 22.10 ZM 2x24"

@ 470 L. salit canal Encl well  
draw 25 N of Run 520 Ld

536.2 Iron Pipe 2x40" in Bank

4 feet above water 4 1/2 E of Buit

540 Enter River

about 430 west we are in line with  
E side of river where we so  
NE Bend of river is 30 ft SW

Drive Back to Mrs Griffith Res L. v her Secy  
Set 2 1/4 x 30" pipe at NE Cor Lot 6

At NW Cor of Lot 6 - our line run-  
ning west passes thro ZM set by Feltor  
who surveyed Mrs Griffith's land and  
extends 2.40 ft beyond

Hub - 1337.2 mg chain  
our cor. 2.4" pipe set by Feltor

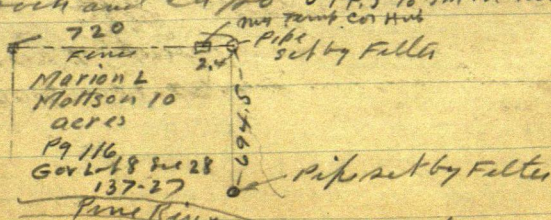
Gov't Lot 6.  
Sec 27-13727

2 1/4 x 30" pipe  
NE Cor Lot 6  
set by me.

1326.93  
mg line  
2 1/4 x 30" pipe  
in mound

Note: It seems to me that Feltor's pipe is 2.40 E  
of line cor but I cannot be sure without  
running the sec line bet Secs 27-28

To Survey Roughly the Marion L. Mathron "10 A"  
but from Mrs Griffith in Lot 8 - Sec 28-137-27  
I will set Feltor's iron pipe. We chain  
west 720 ft along fence and at all picket  
walk back and ch. to 694.5 to im on Run back



Home in Jenkins  
in supper

John W. Curo



Sept 13-1934

Send in statement to E. L. Mattson  
Security Bldg super. 8204.10  
ex ch 25.00  
Bal. 8179.10

120

Sept 14-1934 Friday

Cloudy - wet. a 11 am met E. L. Mattson  
and walk over runway To get 10 acres rough line  
in lot 8 - in 28-137-27 from 1st corner back 694.55  
1/16 From N about along old fence line 8 am  
N 56° 30' W 295.0 Ht N 76° 45' W 430.8  
Ht

N 56° 30' W 295.0

Sine -  $83389 \times 295 = 246.00$  W 541.

cos  $55194 \times 295 = 162.82$  N.

N 76° 45' W 430.8

Sine  $97338 \times 430.8 = 419.33$  W 242 =

cos  $22920 \times 430.8 = 98.74$  N

246.56 N

665.33 W

720.00  
665.33  
54.67

IX  
162.82  
98.74  
261.56

W  
246.00  
419.33  
665.33

From sta #2 we run west 54.67 ft

720 W set Ht from 720 Run S 89.56 ft

pt 172.0 N Ht on run Back 3 1/2 ft  
Brink

Later in September I called on Mr. Mattson  
in super and he paid me "800 ft 90 ft in full"  
On Nov 2-1934 Mr. Mattson sent me ch  
854.10 and on Nov 15-1934 I sent him a  
anach. receipt in full. J.M.

Note: - For Christmas present I am giving  
to him ch but ser 27-28-137-27 pro.  
for Mattson. Cms



154

MINING  
TRANSIT BOOK  
363

Return to  
County Surveyor  
Cass County  
Walker, Minn



79.22  
52.64

26.56

10567

7922

2645

28

135-30

33

□

→

2645

←

□

→

2656

←

□

→

← 5266.0

27

34

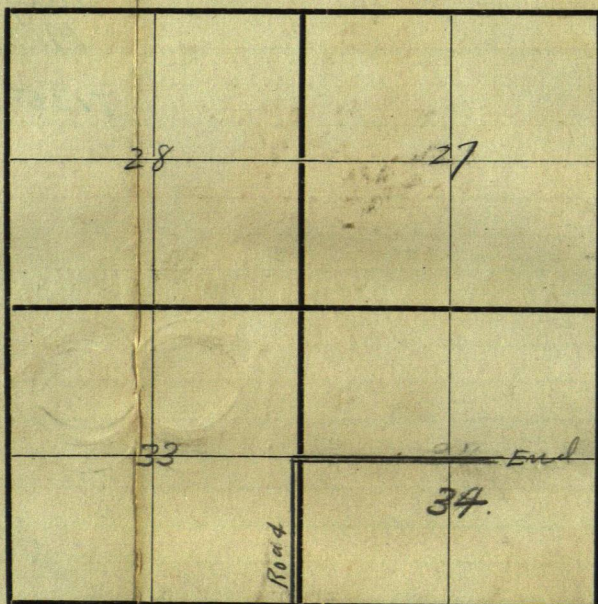


# Land Examinations

Date *Slipley July 23-1912*

Examiner *Signed C. C. Spencer*

Sec. *34* Twp. *135* Rng. *30*



*Begin*

*Begin Sec 34-135-30*

*@ 90° N*

- 1 North 2636 ft To  $\frac{1}{4}$  Cor on W of 34
- 2 East 2626 " To Cen of Sec 34
- 3 East 1086 " and then termin-

inating at intersection of old road running North East

Note: The above is spencers notes which are rotten

Note again: Moulton found 14 ft P. Creek in spencers line 1 Cor

*Jan 1-1915*



Pages

Homebrook 135-30 (Horst) 1-16

Lot 5 - Sec. 7 - Greene

17-20



1.

135-30

388

Thursday OCT 25-1917

I leave Walker to survey  
a Twp. Road for Homebrook  
Twp (135-30) being 2. miles  
along S. side of Secs. 28+29  
beginning at S.R.H. #80. Runs W.  
arrive at Pequot 11.00 A.M.  
R.R. Fare 80cts.

Clarence Wheeler with car  
takes me to Geo Pennington's  
farm (Bill to Twp)  
W.D. Gardiner & I walk  
down and look over Route.

E.B. Horst.



136-30

388

Friday, Oct. 26, 1917.

A.M. Snow.

P.M.

E.B. Horst and A.J. Brecht  
Walk to cor of 27-28-33-34  
where U.S. Notes Call for 4 Tamck  
B.T.s which were on the Road  
limit of S.R.H. # 80.

We look for B.T.s to  $\frac{1}{4}$  cor between  
secs-28-33 all gone

at cor to secs 28-29-32-33  
Notes Call for 4 tamck B.T.s.

Tam 9 N 30 E  $5\frac{1}{2}$  lks

" 12 N 50 W 14 "

" 5 S 70 W 15 "

" 8 S 30 E 22 "

all are burned and down but  
we find a piece of the N.W. tree  
bearing the scribe marks  
from which we establish the  
true section cor and drive wood  
post

E.B. Horst.



135-30

388

Saturday, Oct. 27-1917.

E.B. Horst. Transit &amp; chain.

J.A. Brecht. axe &amp; flag &amp; chain.

Wm. Rudolph. axe &amp; flag.

Beginning at cor to secs.

28-29-32-33-135-30. in swamp

Wet run W at 8°50' Mag. Var.

at. 380.0 W set stake

" 680.0 " leave swp

" 760.0 " set stake

" 1164.8 " set Hub &amp; tack

" 1547.6 " " " "

" 1880.4 " " " "

" 2537.9 " " " "

" 2640.0 " " stake and

look for 1/4 cor between

secs 29-32 Notes call for

Oak 10 N 5° E 25'

Tam 12 S 28° W 62'

both gone we continue W

at 2800 swp 50 ft line 50 ft

" 2900 Neck of swp 50 ft wide

" 3124.3 Set Hub &amp; tack

E.B. Horst.



135-30.

4

388  
Sunday Oct. 28. 1917.

Horst transit & chain

J.A. Breeht 9xet chain

We continue W on same line

Wm. Rudolph comes at 11<sup>00</sup> A.M.

@ 3670 W to surf

" 3767.0 " small creek

" 3781.0 " set Hub + tack

" 4570.7 " " " "

" 4942.8 " " " "

" 5228.0 " " " " ON

(+156.4 cor N 84.0 Pt)  
East Side of swamp. plot

shows cor to 29-30-31-32 to be  
in this swamp. We look for the  
B.T.s to this cor. being 4 Tamek's  
but are all burned around the  
stumps and lying down we find  
nothing

E.B. Horst.



388

Monday, Oct. 29-1917.

Horst, Breeht, Rudolph,  
and Claud Hines go N.  
between sees. 29+30 and look  
for 1/4 cor which is gone  
Continue N. and look for see.  
Cor. which we are unable to  
find. We return and go S.  
bet sees. 31+32 and look  
for 1/4 cor which is also gone  
we return and continue our  
random line W. between  
sees 30-31.

at 5245.0 enter swp.

" 5455.0 W. "

" 5586.6 set Hub + tack

" 6074.0 " " "

" 6435.1 " " "

" 6953.0 " " "

" 7603.3 " " "

" 4005 }  
" 11200E }  
" 2000 }  
" 0000 }

E.B. Horst.



135-30

6

<sup>388</sup>  
Tuesday Oct. 30-1917.

Horst & same crew continue

West at 8°50' var

at 7962.2 W set square Hub & tack

and look for 1/4 cor bet. 30 & 31

U.S. B.T.s Pine & S 22° E 12

Maple 9 N 85° W 16

all old Timber gone. continue W

at 8447.6 F + W set Hub & tack

" 9100.0 " " creek + swp

" 9205.0 " " IV - swp.

" 9562.5 " " set Hub & Tack

" 10188.0 " " " " "

" 10530.0 " " cut bog.

" 10700.0 " " IV - " "

" 10919.04 " " set Hub & Tack

E B Horst.



7

135-30

388

Wednesday Oct. 31-1917

Horst, Brecht + Rudolph.  
look for N.W. Cor of sec 31-135-30  
but are unable to find it.

at Hub 10919.04 W. I set up  
transit and turn S.E.  $\angle 89^{\circ}35'$   
and run S. on random Rge  
line 5170 Ft and look for  
Twp cor at 5280. S. find nothing  
all timber burned

We return to Cor of 28-29-  
32-33 with outfit.

E.B. Horst.



388  
Thursday Nov. 7, 1917.

Horst, Brecht, Hines & Rudolph  
begin at Cor to 28-29-32-33  
Backsight W. and run E on cut out  
line.

(I received F.R.H. Notes from A.W.  
Moulster for cor at 27-28-33-34  
and erected a tall flag there)  
at 2800 set Hub. from which I  
can see flag  $\frac{1}{2}$  mile E at see cor  
and which bears Right  $1034'$  I  
set a Hub S.  $40.6$  Ft on true line  
Sight E on flag and cut true line  
E.

P.M. Crew continues E. & I return  
to Walker for Notes of a line cut  
N. along W. side of Twp 135-30.

Mr. Barnard with ford takes  
me to Peguot. RR. Fare to Walker  
86 cts.

E. J. Horst.



9

135-30

Wednesday <sup>388</sup> Nov. 7. th-1917

I take Ford and drive to  
Geo Penningtons from  
Walker taking along 10-11 M.  
I have 2 blowouts and  
arrive at penningtons at  
4-30 P.M.

E. B. Horst.



135-30

10.

Thursday Nov-8-1917

Horst, transit + chain.

J.A. Brecht axe + chain.

Clauud Hines axe + flag.

Finish Cutting line between Secs  
28 + 33-135-30. this line proves  
to be a random line instead of  
true line as we miss cor. of  
Secs 28-29-32-33 — 10 Ft to the  
S.

We begin chaining at a point  
10 ft S. of cor. to 28-29-32-33  
and chain E. (cor in swamp)  
at 512.0 Ft. E. leave swamp.

" 775.0	"	"	Hub. & tack
" 1152.0	"	"	" "
" 1761.1	"	"	" "
" 2120.0	"	"	enter swamp.
" 2290.0	"	"	leave "
" 2657.8	"	"	Hub & tack.
" 2898.0	"	"	" "
" 3290.0	"	"	enter swamp
" 3390.0	"	"	lv "
" 4530.0	"	"	enter swamp.
" 5360.0	"	"	intersect cor.

E.B. Horst.



of secs 27-28-33-34  
in center of S.R.H. #80

I find stump of S.E. Tamck.

B.T. with a part of lower blage  
bearing a part of B.T. from  
which I set cor at 9'00' Mag.  
Var. which puts cor 65 Ft S.  
of a steel Culvert instead of  
67, as shown by S.R. H. sec. Cor.  
ties

at above point I set a 2"X48"  
Iron pipe (boiler flue)

E.B. Horst.



135-30.

12

388  
Friday Nov. 9th. 1917.

Horst + same crew  
Correct line between sees  
28+33 as follows  
Setting transit over cor 27-28-33-34  
sight W. on random line turn Right  
87° and set stakes on true line  
in swamp from there I chain  
out 13 Ft. N + S for inside of  
ditches. (ditches to be 4 Ft  
wide 2 Ft deep 1 Ft bottom.)

Hub 2898.0 goes N 4.60

1/4 cor at sta. 2680. E goes N 5.0 Ft  
set 2" x 48" iron pipe.

Hub 1741.1 goes N. 6.7 Ft

" 1152.0 " " 7.9 "

" 773.0 " " 8.6 "

from 512.0 Ft. E-W to cor. I set  
stakes 26 Ft apart for inside of  
2- 4 Ft ditches

E. B. Horst.



Saturday, Nov. 10-1917.

E.B. Horst and J.A. Brecht.  
Go to cor of secs. 29-30-31-32  
135-30 and again look for  
the B.T.s to above cor  
after an all day search  
we run to an intersection  
two old blazed lines about  
50 yrs old judging from  
the timber.

We find the N.E., N.W. & S.W.  
stumps of the old B.T.s still  
showing the blaze But the  
marks are gone

S.E. stump burned to ground  
stumps all check for course  
and distance at 8°30' Mag. Var.  
and we set a 2X48 I.M. at  
true cor.

E.B. Horst.



136-30

388

14

Sunday. Nov-11-1917.

Horst &amp; Brecht.

With transit on Hub 5228, Ft.W.  
on random line Cor. sets N.

61°38' W 176.6 Ft.

at sta 5383.4 Cor. to sees 29-30-31-32  
sets N. 84.0 Ft.

Correction N= .0156 per Ft.W. to 0°54'

Correcting back bet. sees. 29 &amp; 32.

5228.0 W goes N. 81.56 Ft.

4942.8 " " " 77.11 "

4570.7 " " " 71.30 "

3781.0 " " " 59.00 "

3124.3 " " " 48.73 "

E/B Horst.



Sec. 7 - Lot 5 - Backus  
Fraction East of track

2523.30  
2416 + 44<sup>3</sup>  $\Delta$   $\frac{1}{4}$  Cor - 8-17 Con. Mon. Road  
2389 + 71  $\odot$  Sec. Cor. 7-8-17-18 Concrete Mon.  
2388 + 44<sup>5</sup>  $\Delta$  85°33' R R.P.s 2 R.R. Fence Posts  
2377 + 82'  $\Delta$  3°41' L 32.9' & 36.2' out on L.  
2375 + 52<sup>2</sup>  $\Delta$  14°33' L

Chaining West along cut out line

1320  $\odot$  in Town road.

2164 edge of creek.

41.3  
2205.3  
417.4  
2622.7

22' south of true  $\frac{1}{4}$  Cor

S.W. B.T. S. 10° W. 14' Turn. 8"

1000' N. to road - Hub. - 4.5' & Road

319.2' S. to  $\frac{1}{16}$  Cor.

$\frac{1}{16}$  Cor. at 1311.35' Hub & Left 1°05' to R. Cor  
" & " 0°57'

Sta. 2+59.2' = Line N. & 1 track S.W. & 86°

R.R. = Sta 2250 + 43.6

362' to P.I. & 20°17' R. R.R. = 2254

P.I. & 24°18' L.



131135

01871

131135

1180215

1049080

131135

247976 28.5

22.00

2.8

1.4

17.0 299.4

3.24 61.9

E 20.24 361.3 = W

3018

20017

23 35

24018

0043

2018. 877.

74.3 32.3

2092.3 909.3

turns North.

2389471

238844.5

1426.5

West 259.2'

Sta. 2250+43.6

E N  
2024 361.3

N. 30°18'E. 360'

Sta. 2254+05.6

909.3 2092.3

N. 23°35'E.

2380.6

22954 24532

Sta. 2282-413.8 =

2277486.2

208 413.2

N. 0043' W.

X 89°25'

90008

S. 99°53' W.

2867.4

5280.8

2412.4

2282

250612.6

2306

6.6

2305493.4 + Sec Line S.W. 90°37'

2250+43.6

3 62

191.8 to T-2 4 05.6

dead stub 5'

739.2 Latn Sta. 52

85716 to Cor.

22' south of true Cor.

72'

+0.56'

John M. Greene



19

3°18'

05756	99834-6-3
362-2	362-2
01512	199668
34536	599004
2268	299502
273672	36139908 ✓
(20,238)	⑤

23°35' 2797.5 -3

40008 -3

223800

111900000

1119,223800

111900

91648 -1

27975 -3

458240

641536

824832

641536

183296

2563,8528.00

0°43'

2410.3

01251

2410.3

120515

48206

2410.3

30.152853

2410.3

8

192824

2410.3

.19

99992

2410.11

89°53'

One

857.6

00204

34304

171520

1749504

6,877

5333,615



Int. South line Sec. 7

and N. &amp; L. Ft. of Way

Present Sta.

Int. S. Line 7	1674 + 99.3 =	2250 + 43.6'
P.C.	1675 + 20 =	2250 + 64.3'
P.L. T = 341.3	1678 + 61.3 =	2254 + 05.6'
P.T	1682 + 02.6 = 1681 + 95 =	2257 + 39.3'
Int. E. Line 7		
P.C.	1702 + 40	2277 + 84.3
P.L. T = 411.2	1706 + 51.2	2281 + 95.5
P.T	1710 + 62.4 =	2285 + 94.3
Int. N. Line 8	1730 + 49.1	2305 + 93.4'

Equation

Add. 575 + 44.3 to old sta.

N. 30° 18' E.	362'
	2797.5
	2410.3
Tan. Dis	5369.8
Eq.	20.0
Corra Dis	5349.8

North	South	East	West
West 259.2			259.2
N. 30° 18' E. 362'	361.4	(20.89) 2.74	
N. 23° 35' E. 2797.5	2563.85	1119.22	
N. 0° 43' W. 2410.3	2410.11		30.15
S. 89° 53' W. 857.6		1.75	237.6
	5338.36	1175	1121.96
	1.75		1146.95
	5338.61	(1140.06)	1121.96
			25.0
			(6.89)

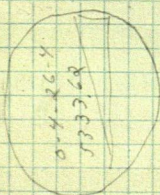
361.4
2563.85
2410.23
2410.21
5335.96
1.75
5333.61

North 5332.61 West 15.0

(6.89)	213.3
25	5332.61
	50
	33
	25
	82
	75
	76

N. 0° 06' W.

(0-04-26)	259.2
	2.7
	256.5
	1119.2
	862.7
	30.15
	832.5
	857.6
	25.1



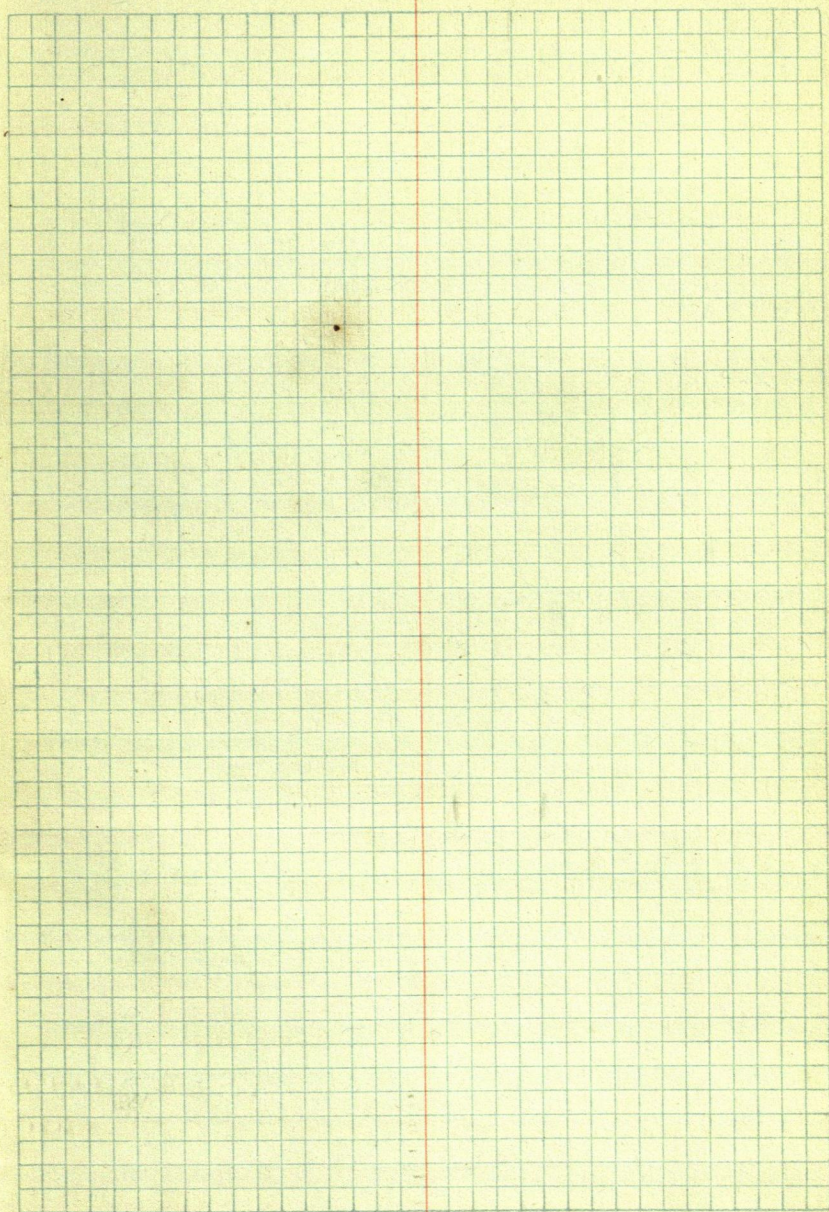
John M. Greene



135-30

A	Maple 12"	N. 38° E 24	Q-D4	Fir 3	West 4
	R. Oak 16"	S. 23° E 41		Aspen 12	S. 57° E 27
	" 14"	N. 55° W 56		" 18	N. 80° W 23
	Lind 14"	S. 75° W 14		5 Spruce 13	S. 60° E 26
9	Pine 4"	S. 83° E 31	6	Aspen 2	N. 82° W 22
	Tam 10"	N. 60° W 93		" 3	S. 75° E 18
	" 6"	N. 20° W 22			
	" 6"	S. 41° E 4			
B	Spruce 6"	N. 20° E 19	5-6-7-8	Aspen 15	S. 25° W 5
	Fir 6"	S. 35° W 16		" 7	N. 20° E 24
	W. Birch 8	N. 31° E 28		Maple 16	N. 80° W 25
	Spruce 8	S. 66° W 10		Birch 7	S. 40° E 40
C	Aspen 20	N. 47° E 10	7-8-17-18	Balsam 14	S. 10° W 7
	" 12"	N. 32° W 84		Spruce 5	S. 78° E 18
	Lind 14"	S. 40° W -		W. Pine 7	N. 70° E 8
	Birch 9"	S. 12° E -		N. "	12 N. 48° W 29
W	Maple 10	S. 25° E 10			
	Elm 16	N. 71° E 28			
	Pine 30	S. 81° W 67			
	" 36	N. 20° W 75			
W	" 30	East 6			
	B. Oak 20	N. 78° E 36			
	" 8	S. 19° W 36			
	Aspen 10	N. 52° W 56			
X	Birch 6	S. 82½° E 14			
	" 7	N. 85° E 11			
	Aspen 8	N. 73° E 41			
	Pine 2	N. 3° W 153			
Y	B. Oak 9	S. 59° W 24			
	" 9	N. 71° E 32			
	" 6	S. 63° E 30			
	W. Birch 6	N. 72° W 40			
Y	Maple 10	S. 70° E 34			
	" 10	East 20			
S-B	Birch 8	S. 14° W 60			
	4 Pine 10	S. 76° E 67			
	Birch 8	N. 80° W 14			
	5 " 10	S. 60° E 13			
6	Balsam 7	S. 20° E 7			
	" 5	S. 45° W 19			
	Pine 6	N. 60° W 15			
	" 7	S. 45° E 10			
R-C	Aspen 14	N. 65° W 22			
	5 Pine 9	S. 80° E 35			
	Aspen 4	S. 20° W 9			
	6 " 4	N. 50° E 13			







SRH. < S.W. 88° 58'

49  
71

245  
343

680

270

1110

845.99

367.5

0291

0262

29

1651110.0

155

841

857.6

841

16.6

0274

2800

289200

548

145

5200

76.7200

5300

23720

21200

0145

2800

116000

290

25200

26500

404000