

Baxter  
155

Baxter  
TWP.



IVY LEAF



155



No. 1203



# Baxter Survey.

Index to Baxter Twp 133 R. 28 & 29

192

Wm Van Sant

M<sup>r</sup> Cobe

Kenny Chas

35.23' L. N. N.

SE angle 90.02'  
52 ft. 26 in. 80

854°40' W

596

66

31763

3576 5

39336

3520

5440

8960

175

4

7.09

28.7



192

1.

Aug 23, 1920

Mr. Marohn, Van Zant and I go to  
the IM between Cass & Crow Wing  
Countys and set New B.T.S.

Telephone Pole  $65^{\circ}45'20''$  W  $36.5$

Oak Post  $10^{\circ}N 39^{\circ}32'W 48.98$

Thence East along random

line @ 300. ch. 300, 600, 900

1200, 1500, 1800, 2100, 2400, stakes.

2640 Temp  $\frac{1}{4}$  cor bet sec 15 & 22

2700 stake 3000, 3300, 3600, 3900

4200, 4500,



2

Tuesday Aug. 24, 1920

Starting at the 4500 stake we chain & cut bush along random line 4800, 5100, 5237.2 by US ch for cor to sec 14, 15, 22 & 23 we try to locate this cor but can not so continue on random line a 5100, 5400, 5700, 6000, 6300, 6600, 6900, 7200, 7500, 7800, 8100, 8400, 8700, 9000, 9300, 9600, 9900, 102000 10400.45 to fence running south. The cor to sec 13, 14, 23 & 24 should be at 10454.40 but we find that we are 53.95 ft short as we locate the cor to sec 13, 14, 23 & 24 Near the old fence running south we miss this cor. 59.5 to the south.

192



Tuesday Aug 24, 1920

In locating the cor to sec  
13, 14, 23 & 24 I use the  
work that Julius March  
said that he put in place  
of an old B.T. Stump that  
was so rotten it would not  
stand any longer. Mr March  
Von Zant, Kinney Barrett &  
Zachery Barrett & I dig down  
about two feet and we find part  
of the old Oak stake about  $1\frac{1}{2}$  ft  
long.

192



4

Wens. Aug 25, 1920

Mr Marohn & I set cor to sec  
13, 14, 23 & 24. Var 90° E

J. Pine 10 N 38° 39' E 41.81

" " 10 N 8° 19' W 40.35 ✓

" " 8 S 52° 18' W 56.85

" " 8 S 28° 6' E 51.55

Starting from the cor  
to sec 13, 14, 23 & 24 we cut bush  
and chain along random  
line @ 300, 600, 900, 1200,  
1500, 1800, 1884 hub, 2100,  
2400, 2615 hub, 2700, 3000,  
3300, 3600, 3826.2 hub, 3900,  
4200, 4500, 4800, 5000,  
5221 to old fence running  
N & S and also an old fence run-  
ning E about 10 ft N of where we

192



hit the old fence running  
N & S. We try to locate cor  
to sec 13, 18, 19 & 24 but can  
not find it.

Thence we go North  $\frac{1}{2}$   
mile to the  $\frac{1}{4}$  sec cor which we  
find still standing but  
it has rotted off about 40  
of a foot below the surface  
of the ground so I replace  
this  $\frac{1}{4}$  stake with a 3x3x24  
in J. Pine stake 1

Thence I run south  
at 80° Var along random  
line between Sec 13 & 18 then  
south bet sec 19 & 24 @ 80° Var

192



Thur Aug 26, 1920

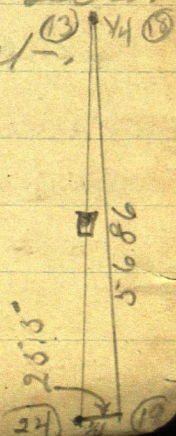
From the  $\frac{1}{4}$  cor set sec  
13 & 18 9 chains along random  
line out Wens Aug 25, 1920.

@ 300, 600, 900, 1200, 1500, 1800,  
2100, 2400, 2640 temp cor to sec  
13, 18, 19 & 24, 2663 but on random  
2700, 3000, 3300, 3600, 3900,  
4200, 4500, 4800, 5100, 5286.00  
to old fence running E & W  
and also an old fence run-  
ning North along random  
line, we miss the  $\frac{1}{4}$  sec cor  
on the south 25.5° East-

Correction

$$\begin{array}{r}
 5286 \overline{) 25.500} \\
 \underline{21 \quad 144} \\
 43560 \\
 \underline{42288} \\
 1271
 \end{array}$$

192





Factor = .0048 =  $0^{\circ}35'$

7

2643  $\times .0048 = 12.6864$

2643 goes W. 12.6864

I set 2643 on line then.  
Ch. W. 12.68 and we find the  
old stake 3 ft North of 2643 so  
it makes the North  $\frac{1}{2}$  Mile 2640  
leaving the  $\frac{1}{2}$  Mile bit 198242646  
feet.

I find the  $\frac{1}{4}$  sec cor  
bet sec 19824 still stand-  
ing but rotted off about .4  
below surface of ground so  
replace it with a new  
Stake 3 X 3 X 36 in. Also take  
new bearings!

J.P. 6S 62.27E 77.45 ✓

J.P. 6S 60° 58' W 53.10

No other Near.

192



After correcting the  
North & South line between  
13 & 18, 19 & 24 I set four (4)  
stakes for the B.T.s as there  
is no tree near that is fit  
for B.T.s. Therefore I set  
Cor to sec 13, 18, 19, & 24. Twp

133 Rs 28 & 29. Var  $80^{\circ}30'E$

J.P. Stake.  $2 \times 2 \times 36$  N  $45^{\circ}E$  46.7

" " "  $3 \times 3 \times 36$  N  $45^{\circ}W$  46.7

" " "  $3 \times 3 \times 36$  S  $45^{\circ}W$  46.7

" " "  $3 \times 3 \times 36$  S  $45^{\circ}E$  46.7

Then I go North to the  
net sec 13 & 18, 133 - 28 & 29  
1/4 sec cor, and take bearings  
to it. Var  $80^{\circ}30'E$ .

J.P.  $6$  N  $46^{\circ}40'$  W 59.02

J.P.  $6$  S  $53^{\circ}30'E$  62.79

192



Thence East along random  
 through sec 18. @ - E Var  
 we cut through this mile  
 but do NOT chain but we  
 can NOT locate any B.T.s at  
 the  $\frac{1}{2}$  cor. I go to the cor of sec  
 7, 8, 17 + 18 but can not find  
 the cor or B.T.s. Thence I go  
 to M.C. bet sec 17 + 18 on the  
 Mississippi but can find  
 nothing so quit for the  
 Night.

192



Fri Aug 27, 1920

Starting at the  $\frac{1}{4}$  cor  
bet sec 13 & 18, - 133-28 & 29  
I chain East through sec  
18, T133, R29, @ 300, 600  
900, edge of meadow 1200, 1500 edge  
of meadow 1800 1908, hub. 2100  
2400, 2700, 3000, 3300, 3600  
3900, 4200 4500 4800, 5100  
5280 stake, 5400, 5509, 5-hub  
and edge of meadow.

Try to find cor to sec 7, 8,  
17 & 18 but can not so go and  
cut line angling across  
sec 17 & 8. Meet Euro and  
he says to put the  $\frac{1}{4}$  cor bet  
sec 17 & 18 33 ft South and  
on line with old fence

192

J P Babcock



US Nales Transcripts  
Town Line N mds 133-29  
3-4-33-34-133-134-29

11

Tam 6 S 89 1/2 E 445 = 293.70

" 6 N 86 E 59 = 38.94

No other lines enter near

East bet sec 3-34 - U 12° 30' E

1400 L<sup>v</sup> dead lam cut line

1800 L<sup>v</sup> Tam cut Pine S

4000 set 1/4 Pine 12 N 2 W 33 = 21.78

6000 L<sup>v</sup> Pine Ent wet marsh bet H.

6160 Ent lake MC Post

MP 30 Pine 14 S 84 W 175 = 115.50 FT

" 10 N 86 W 157 = 103.62 "

From pt due East from H 1.96 lbs  
fly bar S 80 1/2 W - dist 10.93

7253 over lake set MC

MP 30 Pine 10 N 43 1/2 E 95 =

" 12 S 53 1/2 E 101 =

8000 Cor 2-3-34-35

Pitch Pine 10 N 41 1/2 E 14 =

12 N 49 W 25 =

12 S 68 W 18 =

9 S 39 1/2 E 24 =

(Nales: He figured 721.38

I " 773.03

diff. 51.65 longer than US)

US Nales cont'd

East Bet 2-35-U 11° 15' E

2200 Road rd

3900 L<sup>v</sup> Pine Ent wet

4000 = 1/4

Pitch Pine 13 S 61 W 85 =

" " 6 N 64 W 110 =

4050 Ent Pond "

5052 over Pond

5250 L<sup>v</sup> Marsh Ent Pine

6300 Ent Marsh

our



North town Laine  
133-29 US Nales

(12)

7726 Red Sand Lake set M.C.

PPm 13567 1/2 W 3.84 =

(M.C. 20)

no other  
East Put 1-36 on 12° E

From pt E I run N 41.24 to pt

fly bear S 82 1/2 W dist 10 pt + 200

E of lake Run west 200 to M.C.

(M.C. 24)

2744 over Lake set M.C.

P 9 N 53 E 496 =

no other

Nales: 82 1/2° = 7 1/2°

Calc = 759575 - X 424 = 3220,598

Figure 2818, instead of 2744 =

again 74 ft longer than US ch  
figured.

4000 set 1/4

Pitch P 12 N 35 E 3.80

" 75 47 W 447.

8000 Twp on

PP 14 N 16 E 350

13 N 11 W 518

85 3/4 W 1832

no other



16

For Aug 25, 1920.

Correction for line bet sec  
13 & 24 which I found to be  
5186 ft. I Miss the cor to

sec 13, 18, 19 & 24. by 21.7. South

$$21.7 \div 5186 = 0.048 = 30'$$

300 Sols N 1.44

600 " N 2.88

900 " " 4.32

1200 " " 5.76

1500 " " 7.20

1800 " " 8.64

1884 " " 10.08

2100 " " 11.00

2400 " " 12.96

2593 " " 13.00

2700 " " 14.40

3000 " " 15.84

3300 " " 17.28

3600 " " 18.42

3900 " " 19.86

4200 " " 21.30

4500 " " 21.74

4800 " " 24.18

5100 " " 25.62

5186 " " 27.1

192

1/4 Sec cor bet 13 &amp; 24



Aug 28 1920

Taking old cut-out line for  
the sec line bet sec 8 & 9 the  
Var is  $7^{\circ}30' E$ .

Find to old B.T. stumps and  
reset cor to sec 8, 9, 16 & 17

J.P. 4 N  $30^{\circ}43' E$  11.9 ✓

J.P. 5 N  $61^{\circ}47' W$  17.7 ✓

J.P. 8 S  $50^{\circ}52' W$  27. ✓

J.P. 6 S  $42^{\circ}42' E$  13.6

The Center of the road  
running NE through Sec 8 & 17  
crosses the Sec Line bet Sec 8 & 9  
at 417. Ft. N of the cor to sec  
8, 9, 16 & 17. And also crosses  
the S line of sec 8, at 627.5 Ft. W  
of the cor to sec 8, 9, 16, & 17. the  
south line of sec 8, turns



Aug 28, 1920.  
 N 89° W @ 70° 30' Var.

Starting from the  
 N & S line of sec 8 & 9 at 417.  
 North of the cor to sec 8, 9, 16 & 17  
 @ 300 Ft. Ch. 3, 6, 9, 12, 15,  
 18, 21, 24, 27, 30, 33, 36, 39, 42,  
 45, 48, 51, 54, 57, 60, 62, 93 to the  
 1/4 cor bet sec 17 & 18. The angle  
 of the line running NE through  
 sec 17 & 18 is N 47° 31' E @ 70° Var.

Set by sec cor bet sec 17 & 18  
 No trees Near so use two oak  
 stakes

Oak stake 4 N 45° E 46.

" " 4 N 45° W 46.

192



Set  $\frac{1}{4}$  sec cor bet sec 13 & 24  
Var  $8^{\circ}E$ .

J.P. 6 N  $55^{\circ}46'W$  24.75 ✓

Br Oak 3 S  $9^{\circ}16'W$  31.35

Set  $\frac{1}{4}$  cor bet sec 14 & 23  
Var  $8^{\circ}E$

Oak 4 S  $26^{\circ}47'W$  55.2

Oak. State 5 S  $31^{\circ}49'E$  45.3. ✓

Set cor to sec 14) 15; 23 & 24  
Var  $8^{\circ}E$ .

J.P. 5 N  $71^{\circ}9'E$  42.45 ✓

J.P. 6 N  $55^{\circ}10'W$  39.9

J.P. 4 S  $48^{\circ}10'W$  105.2

J.P. 3 S  $11^{\circ}38'E$  90.

192

Cont: to Pg. 22.



Time Sheet For August 1920.									
	MON	TUES	WED	THUR	FRI	SAT	SUN	MON	TUES
	23	24	25	26	27	28	29	30	31
I. R. Babcock	9	10	11	11	10	11	62 hr	\$15.00	\$93.00
John W. Curo	—	—	—	—	—	—	—	—	—
Julius Marohn	9	10	11	11	10	11	62 hr	\$15.00	\$31.00
W. M. Van Zant	9	10	11	11	10	11	62 hr	\$15.00	\$31.00
Wallace Barrett	—	10	11	11	10	—	42 hr	\$15.00	\$21.00
Zachery Barrett	—	5	11	11	10	11	48 hr	\$15.00	\$24.00
James Kenney	—	5	11	10	—	—	26 hr	\$15.00	\$13.00

192



# Board Sheet. For August 1920.

21

Board With Mrs. March  
 SUN MON TUE WED THU FRI SAT SUN MON TUE WED THU FRI  
 22 23 24 25 26 27 28 29 30 31  
 5 5 D 5 D 5 D 5 D 5 D 5 D 5 D 5 D  
 1 B 1 B 1 B 1 B 1 B 1 B 1 B 1 B 1 B  
 19 Babcock 27 Muel 250 = 1500.

261



Aug 28, 1920

Set  $\frac{1}{4}$  corbet sec 15822

Var  $8^{\circ}$  E.

J.P. 6 N  $11^{\circ} 10' W$  55.7

J.P. 8 S  $0^{\circ} 2' E$  37.6

192



133-28-29

23

Notes Recorded  
June 13-1922 \$15  
cannot charge for work

1-6-7-12-133-28-29

June 13-1922 Tuesday  
Working for Crow Wing Co  
in survey of Twp road

Begin @ Co 1-6-7-12-133-28-29  
thence north on Ry line  $\frac{1}{2}$  mile  
to  $\frac{1}{4}$  bet 1 and 6- Thence

West 1. mile thence Sec 3-  
133-29 To  $\frac{1}{4}$  bet 1-2 and  
nearly on West to Whipple  
Lake. Geo. Spence is  
interested in road.

Walter M. Murphy saw me  
yesterday and again today  
and asked me to make survey  
and try to keep cost down  
to \$45 or \$50.



24

Temp on NE on 1-133-29

1x1x9" drag tooth Record N<sup>o</sup> 142

Pg 198.

0.60 of a foot E of fence post center

4" oak N 36° 40' E 47.2

10" JP N 32° 04' W 107.8 = 107.55

8" JP S 81° 29' W 87.8

Tall stake, mixed wood limit is 45 W

46.7. 8" oak turned from Road E

1-6-7-12 Temp on New B TS

2x20 stake E E+W road 33.50

of E+W fence - in line with fence N.

4" oak N 38° 15' E 65.40

6" JP N 34° 30' W 62.10

6" JP S 89° 15' W 132.10

6" JP S 48° 15' E 80.90

2 1/2" JP S 25° 30' W 22.50

Record 192. Pg 420

US Nails

US.

North on Rg Line bet 7-12

3320 L lake old dis 31.29

4000 = 1/4 bet 7-12

BP 12 N 39 W 23

" 8 N 50 E 24

8000 on 1-6-7-12

BP 6 N 62 E 17

8 N 21 W 21

10 S 88 W 20

4 S 20 1/2 E 23

North 1.40 old Corner which I destroy

1-1-6-7-12



US Nale;

40.00  $\frac{1}{4}$   
BP8 N23E109  
" 6S 88 $\frac{1}{2}$ W 170

25

H146 old  $\frac{1}{4}$  Cr which I destroy  
8156 Cr 1- Twp 133-134-  
Ry 28-29

### Town Line

3-4-33-34-133-134-29

Tam 6S 89 $\frac{1}{2}$ E 445

" 6N 86E 59

East Bet 3-34  $\cup$  12 $\cdot$ 30'E

400 L<sup>d</sup> dead Tam

1800 " Tam cut Pine

4000 =  $\frac{1}{4}$

Pine 12N 2W 33

" 10S 55E 10

6000 cut wet marsh

6160 Lake M.C.

Pine 14S 84W 175

" 10N 86W 157

7253 over Lake, cut M.C.

Pine 10N 43 $\frac{1}{2}$ E 95

" 12S 53 $\frac{1}{2}$ E 101

8000 Cr 2-3-34-35

Pitch Pine 10N 41 $\frac{1}{2}$ E 14

" " 12N 49W 25

" " 12S 68W 18

" " 9S 39 $\frac{1}{2}$ E 24

East bet 2-35 -  $\cup$  11 $\cdot$ 15'E 133-134-29

2200 road, crossing to 4<sup>th</sup> Lake NW

3900 L<sup>d</sup> Pitch Pine cut wet

4000  $\frac{1}{4}$  Pitch Pine 13S 61W 85

" " 6N 64W 110

4050 Pond Pine N.

over



133-134-29  
USNalis Cont'd

(26)

5052 over pond br. n  
5250 L<sup>v</sup> mouth cut timber  
6300 L<sup>v</sup> Timber cut mouth  
7726 Red Sand Lake m.c.  
P Pin 13567 1/2 W 384  
no other near

East bet 1-36 V<sup>n</sup> 12° E  
2744 over Lake m.c.  
P Pin 9 N 53 E 496  
no other  
4000 - 1/4 P Pin 12 N 35 E 380  
" " 7 S 47 W 447

4300 mouth  
6450 L<sup>v</sup>  
8000 set Turp. on 133-134-28-29  
P Pin 14 N 16 E 350  
" " 13 N 11 W 518  
" " 8 S 3/4 W 1832  
no other trees near.  
x x x x

South bet 13-18-133-28-29 V 10° 25' E  
2100 set m.c. on N side Lake  
Pitch Pin 9 N 81 1/2 E 132  
8 S 71 1/2 E 163

4000 = 1/4  
P Pin 6 S 86 1/2 W 5  
8 S 39 E 13  
8000 on 13-18-19-24  
P Pin 10 S 57 1/2 W 12  
" " 12 S 76 1/2 E 31  
" " 8 N 7 1/4 W 19  
" " 8 N 50° E 158

South bet 19-24 V 11° 5' E  
40 set 1/4  
Pitch Pin 10 S 38 W 110  
" " 10 N 20 E 16



OS Nalis Cart 4

27

6450 dry bottom

6550 Mississippi River SW

ac.

Bi Oak 10 N 25 1/2 E 24

" " 95 88 W - 9

E. Inner Husemann goes with  
Reed and I in the Ford.

We Lx about 3-p.m. drive to

con

1-6-7-12 - where we meet Mrs  
J M Ryan who has lot SESE  
Sec 1-137-29 Ryan works  
at the shops.

find my old stake - drive  
half a mile north thro stumps  
find no 1/4 drive back S.  
then 1 mi E 1 mi N - 1 mi west  
to dry con

find my corner graded out  
and saw B.T. gone  
back to Rd about 4-30

I copied field notes all am.  
also took up notes out of pm

John H. Cunn

Alma Reed - Jr and I to Ford  
7-30 drive to Ryans try to  
catch Murphy and spare no  
find - see Beck to office @ 8-50



(28)

U.S. Nalis

North bet 11-12-133-29 ✓ 12°

557 over Lake mt M.C.

1850 BP 55 29W 116 North

4000 = 1/4

BP 6N 54E 112

" 10N 15 1/2 W 67

4200 M.C.

BP 6S 33W 54

West line line bet 1-12-✓ 10°30'

4000 = 1/4

BP 6S 88 1/2 E 22.50

4528 M.C.

BP 8N 2 1/2 W 501

✓ North bet 1-2-✓

2271 4V Lake M.C.

BP 10N 58W 39

" 5N 69E 25

4000 = 1/4 P

BP 8 West 3.

5950 M.C. int Red sand Lake 1293.60

BP 12S 74E 155 = 102.30

BP 5S 18W 137 = 90.42

North bet 10-11 ✓ 12°15'16

4000 = 1/4

BP 10N 73E 21

" 14N 84W 30

7600 L.L. Road N.E.S.W

8000 = Cn 2-3-10-11

17°45' BP 14S 32W 70. 46.2

" 12N 30W 110 72.6

" 12N 20 1/4 E 90 59.4

North

E ast bet 2-11-✓ 10°40'E

66  
66  
726

?



275 LL Road North

4000 = 1/4

BP 10 N 73 E 21

" 14 N 84 W 30 X ?

29

7600 LL Road NE-SW

8000 on 2-3-10-11-

East bet 2-11 V 10° 40'

275 LL Road N.

4000 = 1/4 BP 4 N 14 W 4

" 3 S 55 W 20 X ?

4260 MC.

BP 4 North 48.

" 4 S 57 W 31

North bet 2-3 - V 12° E

1370 MC.

Red Oak 55 42 1/2 W 44

BP 5 N 64 1/2 E 43

South bet 2-3 -

1100 MC.

BP 6 N 76 1/2 W 170

" 10 N 16 1/2 E 168

3-4-9-10 -

NP 12 N 68 W 70

BP 6 N 25 W 120

" 6 S 60 W 54

" 6 S 8 E 73-

East bet 3-10 - V 10° 45'

2910 MC.

BP 6 S 45 1/4 N 108

" 6 N 86 1/2 W 126

West bet 3-10

12.20 MC. BP 5 S 60 1/2 E 50

BP 12 S 50 1/2 W 92

1/4 Bet 3-4  
BP 12 S 60 W 70  
" 10 S 7 1/2 E 100



30

Cannot charge for today  
was Recorded Nels 8/15

June 14-1922

Reed and I go in Herald  
Ford to Tupper Creek in NE & NW  
BTS. OK. except NW line is 107.53'  
instead of 170.80 ft  
Fixed all dog loath & re-  
other BTS grubbed out

new BTS V<sub>ij</sub>

3/4 x 9" I.M.

N 45° E 45'

N 45° W 45'

S 45° W 45'

S 45° E 45'

Ran so 1.04' E to avoid cutting  
heavy brush not picked about 80  
to do so

Nels Larson helps me finish.  
Says see line bet 1 and 6 - was  
about 7 rods over length when  
he and Garrison surveyed it -  
15 years ago about.

We own 80 acres which should  
be about 7 ft short in 80 rods per Gauss  
survey

Nels - the road running West  
to the lake so run 1.80 of west  
Home to drive

PM

Reed and I drive to SE SW 14  
133-29 wake up JH Kinniff (no  
phone can call Chas Barrott)  
We drive to SW SW 17-133-28



June 14-1922 cont'd

To see Michael Mortineau 31

who has just left for Beaman  
Postpones survey till next  
week.

Geo Spies Ch. 402 Front St  
up stairs. Beaman owns  
Lots 7-8-11 Sec 2-133-29

June 20-1922

Herald and I take Mortineau  
out and show him the town  
line and instruct him how  
to cut it out



June 21 1922

+ I start where

Marlineau and Kinnit by @  
 Twp Co and cut line  
 South bet 156-133-28-29

JP Bobcock - Dought's old  
 Ford runs straight  
 no chain

Harold & I with Vels Verheem

June 22-1922

Bab and Dought's old  
 Ford goes out and starts  
 Kinnit and Marlineau cutting  
 south - then corner back and  
 get to Harold and I.

Harold and I ch by @ Twp Co  
 South bet 1-6

300-600-900-1200-1500 - Iron pins  
 1745.7 Hub 1800-2100-2800 pin  
 2558.7 " 27 paces N of forks of  
 road NW-SW-East

2700 pin - 2772 fence E cut  
 2972.6 Hub

3000 pin - 3300 - stake on line  
 2525, about, Hub: 3600-3900  
 stake on line: 4104.6 Hub

4200-4500 stake on line, about  
 4530 Hub: 4800 - stake on line OK.  
 about 4950 Hub 5100 stake

5385.70 Hub from which cor  
 to 1-6-7-12 - bears S 83° 05' W 49.80 ft

John W. Cunn



# Time Sheet Co Work 33

## Baxter Twp. 133-28-29

### Twp road

June 1922

14 15 16 17 18 19 20 21 22 23 24 25 26 27

JWC.

1 1

Car

1 1 1

HJC.

1 1

Car

-

I.P.B.

- 1 1

Michael

1 1 1

Martineau

1 1 1

J.H.

Kinney

- 1 1

Geo

Spires ch.

Claud C.

Lease Road Born

Ar Home Road  
Cott Road  
Ar Home Road  
Cott Road

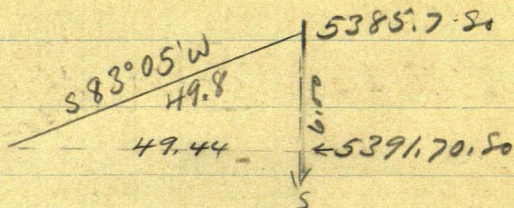


34

June 22-1922

continued

Kinnick and Worlineau eat  
their lunch.  
Herald - Bob and I drive  
home to Brainerd for dinner



83°05'

$$\sin 83^{\circ}05' \times 49.8 = 49.44$$

$$\cos 83^{\circ}05' \times 49.8 = 6.00 \text{ ft}$$

$$5391.7 \text{ into } 49.44 = .00917 = 0.32'$$

$$\begin{array}{r} 5391.7 \\ 52800 \\ 165 \overline{) 111.7} \quad (6.2 \text{ into } 12.7) \\ \underline{990} \\ 127 \end{array}$$

$$\begin{array}{r} 165 \\ 127 \\ \hline 3.8 \end{array}$$



$$5580.9605$$

$$5321.70 \text{ and}$$

$$+ 89.26 \text{ short into } 5580.96$$

$$5580.9605 \text{ into } 89.26 = .033965 \text{ short}$$



Correcting

35

~~1620.96 S goes N (.03965)~~  
NIX

~~2940.96 So goes N (.03965)~~

8156 Lks =  $\frac{5391.70 \text{ mms ch}}{5382.96 \text{ ft US}}$   
8.74 long

1320 + 102.96 = 1422.96 US

2640 + 102.96 = 2742.96 US

3960 + 102.96 = 4062.96 US

5280 + 102.96 = 5382.96 US

5282.96 into 8.74 = .001654 long

2742.96 X .001654 = 4.54 Long

2742.96 + 4.54 = 2747.50 = 1/2

1/2 2747.50 S goes W (.00917) = 25.19  
 $\begin{array}{r} 2558.70 \\ \underline{188.80} \end{array}$

net 2720" H<sub>2</sub>O  
8065 about 50°W 114.80  
" 85 " 45°E 92.00

Run West 90° to true position



35 June 22-1922, contd  
 Correling  
 Range Line 80 1/2 mi.  
 : .00917 W

3300	80 gues W-	30.26 OK ✓
✓ 3600	" " W	33.01 OK ✓
✓ 3900	" " W	35.76 OK ✓
✓ 4200	" " W	38.51 OK ✓
✓ 4500	" " W	41.26 OK ✓
✓ 4800	" " W	44.02 OK ✓
5100	" " W	46.77 OK
5391.7	" " W	49.44 OK
5400		49.52 OK

917  
 2751.2  
 2751  
 30261

5392  
 917  
 37744  
 5392.  
 48528  
 49,44464  
 PWA

2751  
 30,261  
 33.012  
 35.763  
 38.514  
 41.265  
 44.016  
 46.767  
 49.518

Figure held out the correction  
 stay with Bab & crew till 5 PM  
 then drive home. Bab comes  
 later.

John W. C.



June 24 all go to Trout Lake

June 27-28<sup>Felber</sup> Logan and Kinn cut  
line west also Cloud Lake

July 31-1922 Kinn. Lease-

July 22-29- Lease worked



38 Jul. 133-29

July 2. 1922 Sunday  
Harold & I in Haight's field  
go to 4 set 1+6 - 133-28+29  
Run  $\pi$  Line + Chain @ 300 ft. Steel  
Cape.

151 Old Rr. N.E.-S.W.

300. 460. 25 Hubs. 600. 900, 1020-30  
1200, 1445.9 Hubs 1500, 1809-2100  
2330 Old Road N.W. S.E. 2400 - 2700  
2782 H. Hubs. 3000, 3292.9 3300  
re cut line from  
3600, 3754.60, Hubs 3900, 3972-  
3 wire line N+S, 4200, 4500 - 4800  
4992.95 Hubs. 5100, 5280 Hubs.  
Quit for Note.

C. E. Sabers



July 3<sup>rd</sup> 1922, Monday

\$10<sup>00</sup> To Claus Thorne Brammer  
Home coming fund

Met A E Clark @ Hampden

Habit

Harold & Foral: Bab. Alma

Reed - Junior and S. L. Reed

9-am

first road in sec 1-134-29<sup>3</sup>  
fenced. Tear it out

At 1/4 bet 1-2-133-29

$\pi$  @ Hab 5280 W Turn 90° and  
run South thro meadow

300-600-~~88~~ 818.5 Hab Top of

first sea wall

858.5 Top second and last

at Hi sea wall (original)

980 stake about 125 ft

low water

2nd back to line station

North 90° - 1368.6 feet on

sea wall 1670 sea wall

100 ft of water

Home to dinner

1229 = 811.14 / US

1950 = 1287<sup>00</sup> US

858.5<sup>a</sup>  
811.14  
47.36

= 2098.14 US

JW Cur



## Twp work

July 11-1922. Tuesday  
Commissioners meeting last  
night - I and Alma get to bed  
at 2 a.m.

✓ Claud O Lease Road Boss

comes to Ct Ho 10-a.m. 11-a.m.  
we are in the office  
Habit - "Hone" Hubins thinks his  
1/4 Cor

As the County cannot go on  
with the survey until the  
Town Board of Box let Twp  
put in some of the lost sections  
corner - Lease and I happen to  
catch Martineau at Flour mill  
and he says go ahead and put  
in the corner -

We also interview Geo Spies  
another member of town board who  
says go ahead and put in Cor  
at Twp expense

Kinnis also being willing  
I get driver at home - Lease gets his  
driver in town I think

1-30 P.M. I pick up Lease at  
Ct Ho in my Baby Grande car



July 11-1922 cont'd  
Twp work

41

check in on 1-6-7-12  
134-28-29- to satisfy  
Mr & Mrs Ryan find  
same O.K. put tack in East  
half of Hub

1/2 mile north find Kinne  
clearing road for Crow Wing Co  
pick him up - drive back  
to corner - then West around  
White sand Lake

Find no BTS.

Then back to car set up transit  
Old road going west runs  
to for north

Turn 90° to line looking  
North and run  
West about 90° to line looking  
north  
put up pickets for Kinne  
and leave to cut by

Then take Kinne almost  
home leave and I back  
to Beavertown driving him to Oak  
St & E back home @ 9 PM.  
Herald - Alma - Lodi Morica  
pick Blue Berries



## Time Sheet Crow Wing Co. Cont'd

July 1922

JW Curo

Car

H.V. Curo

Car

I P Babcock

Expense

2 3

 $\frac{1}{2}$ 

1 +

1  $\frac{1}{2}$ 

- +

1  $\frac{1}{2}$ 

- -

x



July 1922

JWCuro  
Car

Exp

HJCuro

Car

IP Babcock

Geo Spies

JH Kinney

Mire Martineau

CC Lease

Roy Bryant

Fred Lease

John Williams

Roy Anderson

# Time Sheet Baxter Trp

	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	July
JWCuro	+	1/2	-	-	-	0	-	3/4	-	1/2	1	1						1/2	1	1	
Car	-	1	-	-	-	0	-	1	-	1	1	1						1/2	1	1	
Exp	35	-	-	-	-	0	-	-	-	-	-	-						1/2	1	1	
HJCuro	1	1/4	+	-	-	0	-	-	-	-	-	-						1/2	1	1	
Car	1	1	+	-	-	0	-	-	-	-	-	-						1/2	1	1	
IP Babcock	-	-	-	-	-	0	-	-	-	-	-	-									
Geo Spies	-	1	-	-	-	0	-	-	-	1/4	-	-									
JH Kinney	1	1	+	-	-	0	-	1	1	1	1	1									
Mire Martineau	-	-	-	-	-	0	-	-	-	-	-	-									
CC Lease	1	1	+	-	-	0	-	1	1	1/4	1	1									
Roy Bryant	-	-	-	-	-	0	-	-	-	1/4	1	1									
Fred Lease	-	-	-	-	-	0	-	-	-	1/4	1	1									
John Williams	-	-	-	-	-	0	-	-	-	1/4	1	1									
Roy Anderson	-	-	-	-	-	0	-	-	-	1/4	1	1									

(43)

282931  
1 1 1 1



44 July 12-1922 Wed-

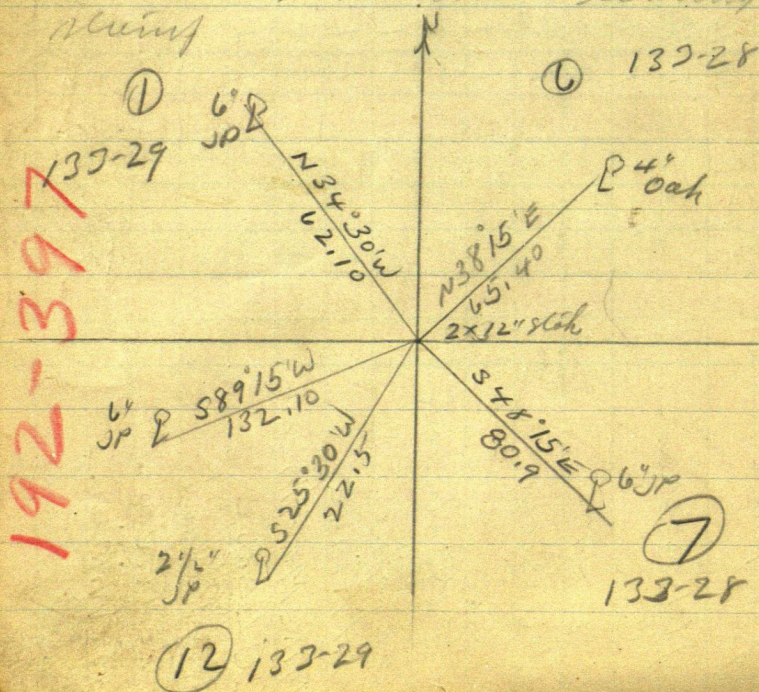
~~1st or 2nd & his car lake Alina  
Red "Junior" Radio Monical  
and kids to Pullager & North  
fishing Blue Banner~~

Kimmie and Lease cut line  
3000 ft West with all day  
for Boxlin trap alone.

PM

I go to N trap line look for  
BTS. back to Red pickup  
Mrs Alice Spies go to

on  
where he show me a learning  
slings





July 13-1922 - Thursday

This is the day Harold  
& Co. works with Kinn & Leon  
Maly it was Friday?



46

14 July 14 - Friday

---

July 15 - 1922 Saturday  
Herald - Bab and I all  
day in office -  
Herald goes away at mid-  
night. I show up \$5. - Bab  
\$5. - to Herald.



July 16 Sunday

Alma - Reed and I break  
dinner shift - Bob takes Junior  
to his mother. We go in old Ford  
to Jenkins Beach to swim

July 17 Monday

Bob goes to Trinity  
Camp. Alma & I in office  
all day. Leave conclusion to  
see why we do not continue  
running. Promise to be out in  
morning



48

July 18-1922 Tues

Alma - and I go Helen  
Kimball with the kids in a.m.  
and go out in Soxon pick up  
Lease and Kinn - Set flag  
on cross whiffle Lake bring Lease  
home to Beaumont to dinner  
PM

We take the kids back with us  
and continue on west.

Take Kinn and Lease home  
try to drive out to see Tug  
Wilson at night but have to  
come back no lights



July 19-1922 Wed

I am all day in the office  
Lease and Krimmy work alone

July 20-1922 Tuesday

Roy Bryant comes @ 9-50  
still in office at 10-30  
1/2 day This the day



50 US Nails North  
Second Capn But 1-2.

North line line bet 1-2-133-29  
From M.C. on E. side of lake bet 1-12  
Iron

sin 03490 x 570 = 14893  
N 2 W 570 cor 99939 x 570 = 5696523 N 569.65

sin 40674 x 1050 = 427077  
N 24 W 1050 cor 91355 x 1050 = 9592276 959.30

sin 70711 x 800 = 565688  
N 45 W 800 cor 70711 x 800 = 565688 565.70

sin 91355 x 1250 = 11419375  
N 66 W 1250 cor 40674 x 1250 = 508425 508.43

sin 98769 x 850 = 8395865  
N 81 W 850 cor 15643 x 850 = 1329655 132.0

sin 99756 x 450 = 4478828  
N 86 W 480 cor 06976 x 480 = 334848 334.2

- 2771. To pt in line on north shore 276950  
of lake & red M.C.

BP 10 N 58 W 39

R. 5 N 69 E 25

2800 ends north VNW & NE

4000 mt 1/2

BP 8 W 300

5950 red sand lake M.C.

BP 12 S 74 E 155

" 58 18 W 137



+ going + coming				
June	27	-	8	- 10
"	28		4	- 6
July	11		8	- 9
"	12		8	- 10
"	13		8	- 10
"	18		5	- 8
"	19		2	- 5
"	21		5 1/2	- 8
"	22		7	- 10
June	22		8	- 10
"	23		8	- 10

Mr Kinney's time as kept  
by Lease

Has down pay for "wood work"  
not in this bill

Copied by Janet Anderson

July 26-1922 at Kinney's house

got pay for 2 days on the road  
on day pulled stumps and  
then next & brushed.

Mr Kinney hired young (Logan)  
Pelfer 1 1/2 days to cut line W  
thru &



52

July 21 - 1922 Friday  
Hini - Leon Bryan

July 22 Sat Curio - Leone  
Fred Leon - John

William

July 23 Sunday

July 24 Monday



July 25 Tues

53

July 26 Wed - Roy Anderson & his  
Ford drove me out to Kinnis  
and Leaser place now

July 27 Thursday  
made Blueprint in town

July 28 Friday



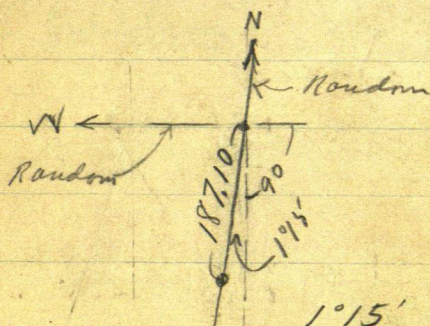
54  
July 28-1922 Friday

Anderson and I work  
in am. checking us valis

PM

drive to Corn 2-3-10-11-133-29  
find stump of all 3-05-BTS  
set 2x20' Mark for line corn  
all staked perfect for course  
and distance except old NE  
line leans S.E. root now here  
N 16° E see book page  
NEW BTS vs T45'

Oak 4 N 30° E 37.08  
JP 5 N 25° 20' W 38.20  
6 S 74° 03' W 8.15  
Oak 5 S 60° 45' E 16.40



2182 T 1/15'

Ting 0 2182 x 187.1 =

39127  
4115

1.45  
380 1610  
1420  
1900  
1900  
380 1610 x 237  
1320  
900  
760  
1400  
1140  
2600  
2660  
23.021  
Sini 39127 x 4115  
Corn 2028 x 4115  
4115  
46 0.140  
92 028  
92 028  
3681.12  
2786.9520



July 29-1922 Saturday 53-

Breakfast @ 6 am

I and Baby Grand pick up

Roy Anderson @ 6-15

at Chgo at 6-30

pick up Lease-Williams and

Bay @ Chgo

North 80°

187.10 Hub on W & W number

300-600-Blake 750 Hub 900

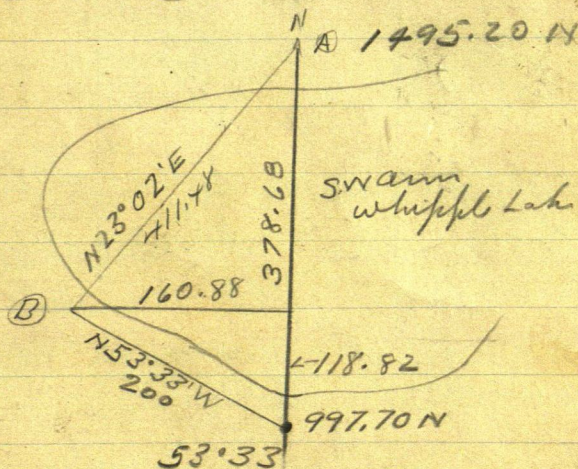
Blake 997.7 Hub on Sea

will so side Whipple Lake

Cause Blake to be on N  
shore SW arm of lake A

$\pi$  @ 997.7 focus north from  
N 53°33' W 200 ft at Hub B

$\pi$  @ B Hub A bears N 23°02' E



Sine  $80438 \times 200 = 160.88$  W

Cosine  $59412 \times 200 = 118.82$  N

23°02'

Tang. 42516

Cot  $2.35205 \times 161 = 378.68$

over



56

$$\begin{array}{r}
 99813 \\
 279.429 \\
 99813 \\
 44 \\
 \hline
 399252 \\
 399252 \\
 \hline
 439.1772
 \end{array}$$

$$\begin{array}{r}
 997.70 \\
 118.82 \\
 \hline
 378.68 \\
 1495.20
 \end{array}$$

@ 1495.20 Tall stake + 4.80 =  
 1500 stake - 1800 - 1892.5 Hub  
 2100 stake - 2400 stake  
 20 T. Brainerd for dinner  
 P.M.

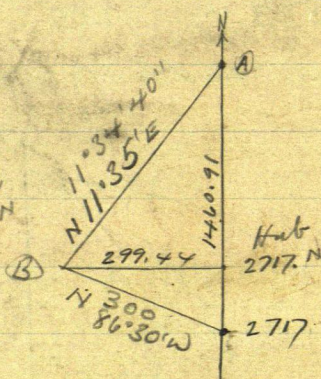
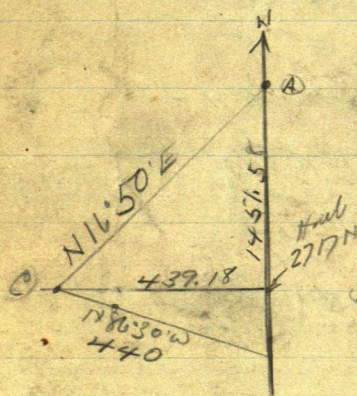
2640. Hub

2641.50 Hub 2700 stake 2717

Hub. 20 side west bulge whipl  
 20.

Can. Hub 10 stake 20 side of  
 20. Hub A

TC 2717 run N 86°30' W 300



86°30'

$$\begin{array}{l}
 \text{Sine } 99813 \times 300 = \\
 \text{Cos } 06105 \times 300 =
 \end{array}$$

11°35'

$$\text{Tang } 20497 \times$$

$$\text{cot } 4.87882 \times 299.44$$

16°50'

$$\text{Tang } 30255 \times$$

$$\text{cot } 3.30521 \times 439.18$$



Sat. Jan 25- ①  
up early drive out after  
Coin. He can't go as he  
has to cut up some meat  
and fix the light plant  
So Dwight & I in my car  
drive to the SE cor of sec 27  
where we measure in  
from old ties and set @ 60'  
spike for the SE cor sec 27  
Then drive  $\frac{1}{2}$  mile N where  
we dig up 6" Cen M. where we  
set @ Flag on center and pile  
snow around, it we then  
drive  $\frac{1}{4}$  mile W and  $\frac{1}{4}$  mile S  
to  $\frac{1}{16}$  cor center S half sec 27  
where we set a 60' spike from  
old ties for True cor, out to Farm  
for dinner P.M. Coin still  
tied up Dwight & I drive to  
SE cor sec 27 and chain N  
plus top chain 300 ft chain  
@ 1322.46' blue chalk mark on  
Tar road we walk N  $\frac{1}{4}$  mile



N 90 38' E

682 56



F

(2)

To,  $\frac{1}{4}$  cor chain S down hill  
 @ 13 23.15 S our chock mark  
 From S 13 22 45 making Total chain  
26 45.60

Turn SE cor see 27 FS N on  $\frac{1}{4}$   
 cor. and set pin @ 13 22.8 for  
 True S  $\frac{1}{16}$  cor E end see 27  
 where we drive a 60 d. spike in  
 Tar road and set a tall red  
 flag. We drive  $\frac{1}{4}$  mile N  $\frac{1}{4}$  W  
 and  $\frac{1}{4}$  S to  $\frac{1}{16}$  spike center S  $\frac{1}{2}$   
 27 and try to pick up red  
 flag  $\frac{1}{2}$  mile E with T too  
 many trees in way gets dark  
 Supper @ Farm.



Sunday Jan 26-1947

Dwight has to go to Brainerd

Coin & I go to  $\frac{1}{16}$  Cor Center

S half sec 27 take K and  
walk E about 40 rods

where I work K on line

bet. the S  $\frac{1}{16}$  cor bet sec 26

26-27 and S  $\frac{1}{16}$  cor center

S half sec 27 and set

six 60" spikes on true

S  $\frac{1}{16}$  line between the  $\frac{1}{16}$

cor center S  $\frac{1}{2}$  to  $\frac{1}{16}$  center

S E  $\frac{1}{4}$  sec 27 with tall

stakes at each spike

Coin will cut this out and

on E to the road later so we

can chain it and set

the  $\frac{1}{16}$  center S E  $\frac{1}{4}$  sec 27



330521

43918

2644168

330521

29 74689

99 1563

1322084

14515821278

5280187100 (3543

1584

2870

2640

2000

2112

1880

N 19 1/2 E

map

2

2002

48788

27944

1951528

1951528

4390938

4390938

975764

1460.9 138685

2002

145

202

345

190

99836) 2640000 (2644.34 17

199672

643280

599016

442640

399327

432960

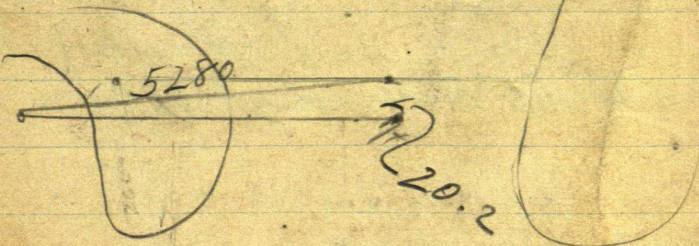
399327

356160

299508

56652

5280  
1960  
3320





58

103634

3634

528

38.25

528/20.20

1684

3360

3168

192211.70

1484

1360

03825

29572

7268

70

30600

7650

19125

2019600

3825

5

19.125

528/20.20

1584

4360

4224

1360

1056

3040

3825

15300

3825

3

11.475

5280 E gaus 20.20

5000 " " 19.12

Correction

$$\begin{array}{r} 5280 \\ 2400 \\ \hline 2880 \end{array}$$

4000 E gaus 15.30

3000 " " 11.48

✓ Hab 4848 E gaus 18.55

✓ " 4080 " " 15.60

✓ 3320 " " 12.70

✓ 2474 " " 9.46

✓ 1740 " " 6.65

1615 " " 6.18 mch

= 3665 West rough chain



3000 Equis 1.1475-  
 600 " " 2.2950  
 900 " " 3.4425-  
 1200 " " 4.5900  
 1500 " " 5.7375-  
 1800 E " S 6.88  
 1800 E " S 8.03  
 2100 E " S 9.18  
 2400 E " S 10.10  
 2640 " " S

3825-  
33  
 11475-  
11475  
 126227

59

2700 S 10.33

3000 E S 11.47  
 3300 " " 12.62  
 3600 " " 13.77  
 3900 " " 14.92  
 4200 " " 16.07  
 4500 " " 17.22  
 4800 " " 18.36  
 5100 " " 19.89  
 5200 " " 20.10  
 5280

1951  
 383  
 3825-  
52  
 7650  
 19125-

3825-  
52  
 7650  
 19125-  
 17890

1.15-  
 2.30  
 3.45-  
 4.60

3825-  
485  
 19125-  
 30600  
13300  
 1855125

26  
 72  
 48  
 23  
 12970  
 14948  
 19792  
 19440  
 29400  
 29400  
 8160  
 32640  
 12240  
 156060  
 3825-  
 1740  
 15300  
 26775  
 9825  
 66555  
 5265  
 3665  
 1615  
 3825-  
 1615-  
 19125-  
 19125-  
 22950  
 3825-  
 6377375-

3825-  
 332  
 7650  
 11475-  
11475  
 126990

3500  
 2200  
 3540

52650  
 3540  
 1740

3825-  
 1740

15300  
 26775

9825  
 66555

5265  
 3665

1615  
 3825-  
 1615-

19125-  
 19125-  
 22950  
 3825-  
 6377375-



60

July 30-1922 Sunday

Curo and Lease Lv @ 9-30

work all day - dinner at alder  
check back after dark

July 31-1922 Monday

I Lv @ 6-30 pick up Kinn &  
Lease - start thru cutting  
go back to Branched pick  
up Anderson run & see  
3. E. at. @ 5280 E. at. - estim-  
ated mil. Th 1/2 bet 2-3-  
bars S- 20.10 ft.

Lease and Kinnis take dinner  
at my house

PM  
Check up line -



61

Harry Brady  
worked July 29-

Feed Load  $1\frac{1}{2}$

July - 21 - 22

↑  
 $\frac{1}{2}$



City

63

Harry Brady

July 29-1922 one day

3.00

Fred Lease:

July  $\frac{21}{22} = \frac{1}{2}$  } =  $1\frac{1}{2}$

\$4.50

Geo Spier

July  $\frac{12}{20} = 2$  days

6.00

meeting

3.00

9.00

CC Lease

July  $\frac{11}{21}$  }  
12  
13  
18  
19  
20  $\frac{1}{2}$

$6\frac{1}{4} @ 4 = 25$

Roy Anderson

July 28-29- = 2 @ 3

\$6.00

John Williams

July  $\frac{21}{22} = \frac{1}{2}$  }  $2\frac{1}{2} @ 3$   
22  
29

\$7.50

over



64 J H Krimley

Copy

July 11

12

13

18

19

21

6 day.

18.00

July 31-meeting

3

21.00

Note:- \$51.00 pd by Murphy  
to John W. Cusick

July 3-14-15 - and 4 hrs July 17  
= 34 Hours @ \$1.50 = \$51.00

Cusick

34

17

51



Colby

65-

Boxley Union  
July 31-1922

To Commune  
Crow wing &

Gentlemen

As we are doing all we can  
to monument and pre-  
serve our vs section corner  
we respectfully request that  
you assist us by establish-  
ing our township corner  
and other corner as allowed  
by law

Signed

George Spier  
Chairman

James <sup>his</sup>  
Mark King

Mitchel Mortineau

A R Carr  
Town clerk

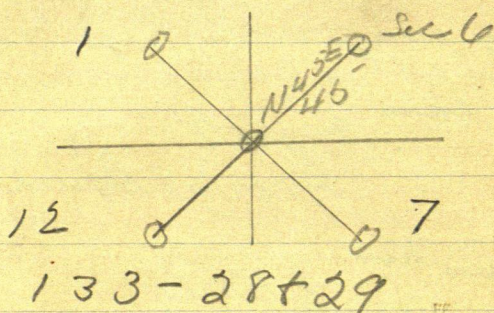


66

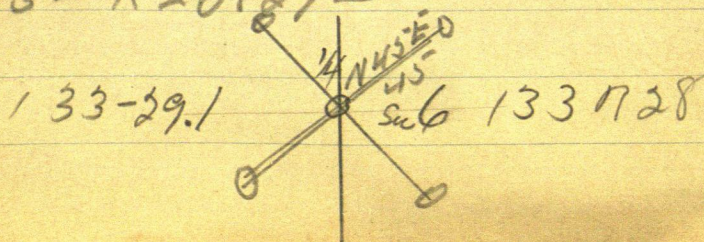
T133-R28+29.

Apr. 5. 1922 Tuesday.

Ed with Curro's Car take  
 Spies. and 10 U.S. Monuments  
 to the cor to sec 1-6-7+12  
 T133 N R28+29 W where we  
 relocate Curro's cor + put in  
 5 Iron Monuments.



Thence  $\frac{1}{2}$  mile North to the  
 $\frac{1}{4}$  bet 1+6 where we also  
 establish true  $\frac{1}{4}$  cor bet 1+6  
 T133 N R28+29 W





Dec. 5 1922. Tuesday Cont'd.

Leave Brd. @ 10:00 A.M. Back to  
Brd. for dinner Leave @ 1:30  
P.M. Home @ 5:20 P.M.

Set 10 U.S. Mammals in  
5 hrs. 30 minutes.

Dr. Babcock.

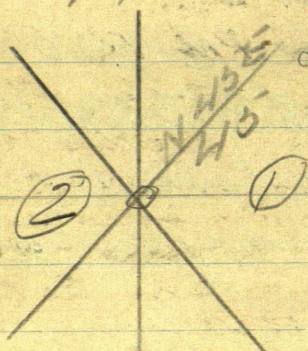


68

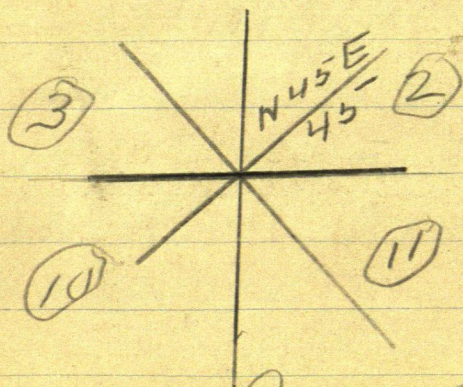
$$\begin{array}{r} 6.15 \\ 3.30 \\ \hline 9.45 \end{array}$$

$$\begin{array}{r} 3.20 \\ 3.45 \\ \hline 6.65 \\ 9.70 \end{array}$$

Dec. 6, 1922 Wednesday  
 Spent I. with Curio's car  
 put in 1/4 pt - 182,  
 133-29



Thence to car 2, 3, 10, 11 - 133-  
 29 where we also put  
 in 5 U.S. Monuments.



Irvin Babcock



May 3-1923 Copy Kinn's Petition <sup>①</sup>  
Reg @ Cor 13-14-23-2x 1923 69

133-29- in Can E & W road  
N on sec line bet 13-14 li  
Rush Lake - W by N by E by around  
W then following most practical  
route to sec line bet 11-12 on N side  
N on sec line bet 11-12 -  $\frac{1}{3}$  mile  
to State Highway. Filed Jan 1-1923 and  
March 27-1923

also

WH Behm Pet Vy

Reg @ § 2. 133-29- West on x  
about 800 ft North about 1300 ft  
to  $\frac{1}{16}$  ea line - West on  $\frac{1}{16}$  line  
about 2000 ft - Southwly 2300.  
to  $\frac{1}{4}$  Cor to  $\frac{1}{4}$  line - W by on  $\frac{1}{4}$  line  
4000 ft to Cor Co line  
Feb 28-1923.

Friedrichson 13 Forlier Dec 27

Town Board May 3-1923

James B. McCabe Ch 3 yrs.  
Dec 19-133-29. Bed R 4

Tel 14F220

Wm Van Zant 1 year (appointed)  
Dec 24-133-29. Tel 14F24

May 3-1923. John W Curran and his  
Baby Grand Shealtout car L - Bed  
8-30 am. Drive to Jos B McCabe farm  
Pick up McCabe drive to Kinn's farm  
(Copy pet first) Pick up Kinn's  
drive to Behm farm arrange to  
start Sunday to-morrow. Back to  
Kinn's farm then back with McCabe  
for dinner

John W Curran  
over



70

134-29 Bayles

May-3<sup>rd</sup> 1923 Continued  
P.M.

Mr. Cobe and I drive to Van Zant  
farm - Bill cannot go with us  
Today we meet Kinney & Co  
13-14-22-23-133-29. Find 3" oak  
stake for corner - Check Babcocks  
notes - find all new BTS. OK for  
distance & apt w/ pp which is 40.20  
instead of 40.35. Course not taken  
(see Babcocks notes on page 4 - this book)

Turn Sec. Co. Back right roughly  
East along road. Turn 90° and run  
North bet 13-14-133-29. Var reads  
5°40' E. Kinney and Mr. Cobe  
cut brush. (Rains 30 minutes P.M.)

H and B Transit 300 ch.

North bet 13-14-133-29

300 stake 405. Hub 450 top of hill

600 stake foot of hill 700 we are 50

ft west of swamp 900 stake 1090.15

Hub 1200 stake 1485 Cross road

NW-SE 1500 stake 1800

Nale Var 5°40' at each Hub - All stakes  
set on line with transit for correction  
purposes. Ht 1997. Hub 2100 stake

2400 stake 2640. Tall stake. c.

@ <sup>calm</sup> field ft W of SE cor  
2700 stake in field

Nale: Pt for Hub 2640 is 1. inch E of  
E of tall stake. Quit fence 6 P.M.

Home @ 7.15 P.M.



May 4 1923 Friday (3)

71

Copy notes and Lo Bud @ 8.15

Pick up McCabe and Kinn and  
drive to Behm farm. pick up WC  
Behm. Virvin B Taylor and Virgel  
Taylor also John Anderson.

Begin @ cor 3-4-9-10 - 133-29 run N. 9° W  
300-600-900- Stake on line 1052.80 Hub  
1200-1500-1800- Elton line 1961.80

Hub where road runs E-NE and NW and S.  
2100 Stake 2195 cut surf E-W dry. Cattle  
walk here 2400 stake in surf 2475 Lr  
surf E-W run 400/150

2549.70 Hub on pt of land from  
the west 2645 cross wire fence  
7/16 W of SE cor 2700 Stake in  
609.75 N of solid land

3000-3200-3600. Stake in bog

3800.40 Hub 3900-4200-4500

4800-5100-5280 Hub in open meadow

T @ 5280 old 6° Pat bears S 63° 52' W

97.60 feet. go East and cut line  
west 6 north Lo @ 6-PM

Take Kinn and McCabe home  
all lake drive back to Behm  
Home at 7-25

work till 10-35 on notes

See US Notes on Page 11-12.



Donald  
860.

# Time sheet Barter Twp May 1923

72

	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
				SUN													
John W Curo	H 9	10	10	4.1	0	4.1	11	10	10	9	0	10	10	10	10	10	= 7 1/2 days \$112.50
Car	M 4.5	10	10	0	0	0	15	15	30	10							
	1	1	1	0	0	0	-	-	-	-	0	-	-	-	-	-	
James B McCabe	1	1	1	0	-	-	1	1	1	1	0	1	1	1	1	1	= 10 days @ \$3. = \$30 pd
J H Kinney	1	1	1	0	-	-	-	1	1	1	0	1	1	1	1	1	= 9 days @ \$3 = \$27 Paid May 16-
W H (Bill) Behm	-	1	1	0	-	-	-	-	-	1/2 PM	0	-	-	-	-	-	No charge
Virvin B Taylor B?	-	1	-	0	-	-	-	-	-	1/2 PM	0	-	-	-	-	-	"
Virgel Taylor	-	1	-	0	-	-	-	-	-	-	0	-	-	-	-	-	"
John Anderson	-	1	-	0	-	-	-	-	-	-	0	-	-	-	-	-	"
Shedrick Taylor	-	1/4 PM	1/2	0	-	-	-	-	-	-	0	-	-	-	-	-	"
Oliver Craig	-	-	1	0	-	-	-	-	-	-	0	-	-	-	-	-	"
Wm McCabe	-	-	-	0	-	-	1	1	1	1	0	1	1	1	1	1	= 7 days @ \$3 = \$21 pd
McCabe Car	-	-	-	0	-	-	5	5	5	5	0	5	5	5	5	5	= 7 days @ \$5 = \$35 pd
Wm Van Zant	-	-	-	0	-	-	-	-	-	1	1	0	1	1	1	1	= 4 days @ \$3 = \$12 paid
Mrs Van Zant and Van Zant Car	-	-	-	0	-	-	-	-	-	-	0	1	1	1	1	1	No pay.
Zachery Barrett 4 Team	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	= 1 day @ \$6. pd
	3	4	5	6	7	8	9	10	11	12	13	14	15	16			





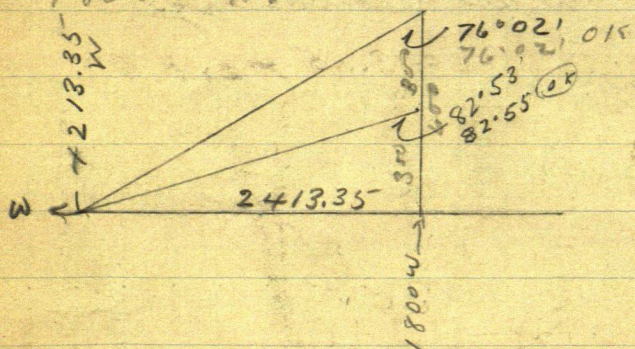


74 Baxter Trip 133-29  
 North Line May 5-1923 Sat  
 L. Bed in my Baby Grand Car  
 8-30 Pick up McCabe - Lost 15  
 minutes fixing Car (Gar) Pick up  
 Kinnis - drive to town line meet Bill  
 Behm - Shedrick Taylor - and Boy

Set plate Mhd 0.0, in East edge of Swamp  
 Chain West on East Summers random  
 line see Page -

00. plate 300-600-900-1200 stick  
 @ 1192 W. set Hat in line with random  
 19120 ft N of Hat 5280  
 SE angle of random line runs  $90^{\circ}02'$   
 T @ 1192 W old plate sets  $S 54^{\circ}40' W$   
 107.60%

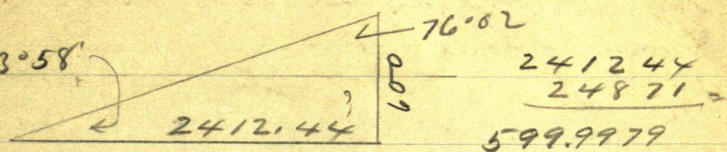
Kinnis - McCabe and I take dinner  
 with Behm PM.  
 we drive all over hills half mile in  
 cross so then back T @ 1192. Cause Behm  
 is set flag half mile west across  
 Gull Run the random 600 west to  
 1800 W Hat



L @ 730 Break down on way home  
 Bill Crowell built me in at home about  
 11 PM. Wallowing 1.30 to come home  
 I set in 10 hours



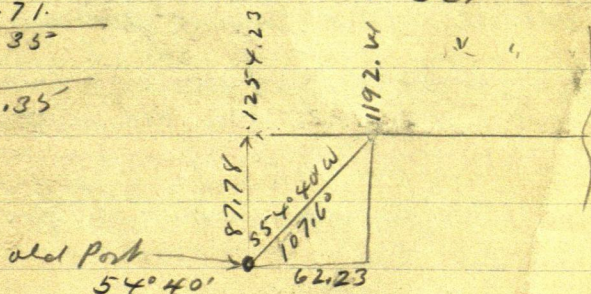
$13^{\circ}58'$   
 $76.02$   
 $2412.44$   
 $24871$   
 $599.9979$



7°05' 82.55' 2414.27 300

Figured @  $82^{\circ}55' = 2414.27$   
 " @  $82^{\circ}53' =$   
 Tang  $12485$  cot  $= 8.00948$   
 $= 2402.84$  Nix N.G.

$$\begin{array}{r} 2412.44 \\ 2414.27 \\ \hline 24826.71 \\ 2413.35 \\ \hline 1800. \\ \hline 4213.35 \end{array}$$



$\text{Dino } 81540 \times 107.6 = 87.785$   
 $\text{cor } 57833 \times 107.6 = 62.23 W$

At 1254. 23 W old state sets to 87.78 ft  
Hub + 213.35 is 2959.12 W est of old post  
draw and I

John W. Cress

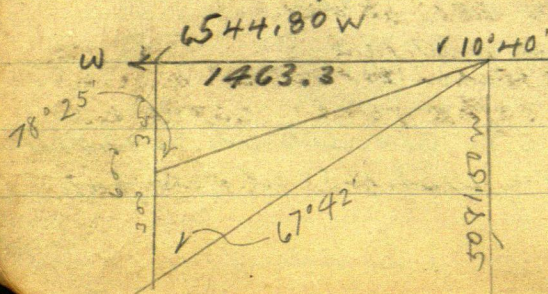


76 May 8-1923 Tuesday

Very Cold - light snow Bill McCabe comes for me in his car but it is too cold to work Home all day.

May 9-1923 Wed

Bill McCabe and his car comes to  
Barnard for me. We Lv @ 8-10 AM  
pick up J.B. McCabe Chairman Boxley  
town Road - drive to Kinney farm  
He is not home so we go on without him  
and drive to Lynch farm  
Tower Hub 4213.35 W which is on  
N edge of ditch running NW-SE and  
50 ft west of marsh. Continue  
West on random town line  
4260 enter marsh 4213.35 + 86.65 =  
4300 stake in marsh. Cause hub to  
be set on hill west of marsh from which  
we chain down hill East 652.35 -  
4865.70 Hub on hill (@ 4600 & marsh NE-SW)  
From Hub 4865.70 W chain West + 849 -  
4950.60 Hub on west brink  
4865.70 + 215.80 = 5081.50 whole  
stake in east edge of Swamp Lake  
10 ft NW of road which runs NE-SW  
Cause hub 1.6 ft west in N & S Road on  
west side of lake from which I can hear  
S 10° 10' W 41.90 ft  
To Hub in road back right E on  
White Lake 5081.50 Turn 90° R and  
run So along road 300 ft





67° 42' = 22° 18' May 9 - contd

Tang 41013

Cot 2.43825 X 600 = 1462.95

78° 25' = 11° 35'

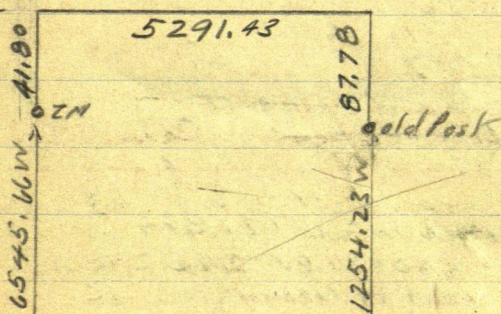
Tang 20497

Cot 4.87882 X 300 = 1463.65

Mean distance 1463.30 + 5081.50  
= 6544.80

1° 10' Sine = 2036 X 41.80 = 0.86 = 6545.66 W

I.N. in road bears South 41.80 W



Back to McCabes for late dinner 2-0 P.M.  
P.M.

Buy @ I.M. & N.E. Cor TWP 133-29 Jimmie McCabes  
and I Chain West along graded road

Bill goes ahead with

300-600-900-1200-1500-1800-2100-2400

2601 gate crooked fence NW-SE

2639.50 W old Hub and Lath 2700 N.H.

3000-3300 N.H. 3312.50 old Hub

3367.00 Hub on seawall 3427 low sea

wall 3490 Hub = tall white pike in

sand beach 10 ft E of water 3500 N.H.

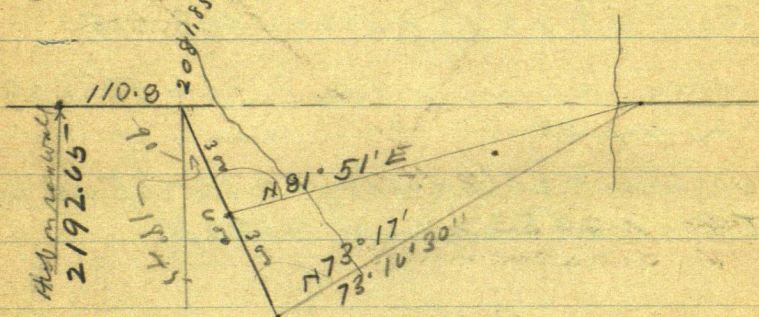
water

Drive West around to end Red Sand  
Lake



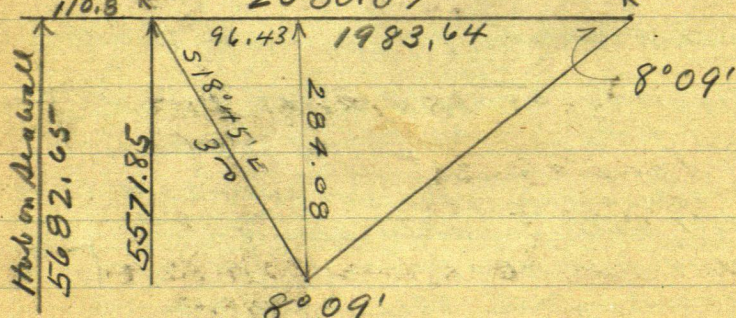
(78) May 9-1923 Continued

At Koop - Hitch and 2. Loods Saldins  
 90 by. K on Hub on seawall west  
 of Lake set Hub E on sand beach  
 10 ft west of water's edge over which  
 we set K and run S  $18^{\circ}45'$  E  
 300 Hub 600 Hub



$18^{\circ}45'$   
 Sin  $32144 \times 300 = 96.432$   
 Cos  $94693 \times 300 = 284.079$

$18^{\circ}45'$   
 Sin  $32144 \times 600 = 192.864$   
 Cos  $94693 \times 600 = 568.158$   
 (2081.85 Mean dist)  
 2080.07



Tang  $14321 \times 284.08 =$   
 Cat  $6.98268 \times 284.08 = 1983.6397344$

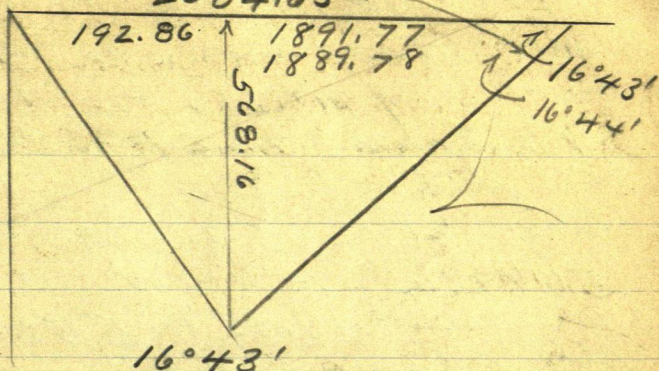


May 9-1923 cont'd D Baxter

79

2082.64

2084.63



Tary 30033x

Calc 3.32965x x 568.16 =

16°44'

Tary 30065

Calc 3.32614 x 1889.77976240

2082.64	1889.78
2084.63	192.86
	<hr/> 2082.64
214167.27	
2083.64	
2080.07	
<hr/> 24163.71	
2081.85	Mean Dist

Home @ 7-25

Figures 2 Hours in triangle

Mean dist over Lake 2081.85 +

3490.5  

---

5571.85



(80) May 10-1923 Thursday

L<sup>o</sup> home @ 7-15 am Bil

McCabe and his mother calls for  
me Pick up McCabe then to  
Van Zant then to Kinney  
and pick up Kinney

Reg @ 2192.65 + 3490. =

5682.65 - Hub on W. side Red Sand  
chain west 17.35 to 5700. W  
stake enter marsh 76 ft North of old  
line of fence Posts running west

5860 L<sup>o</sup> marsh 6000 stake - 6300

6387. Hub 6600. - 6845 cross road  
N-S - 6860.80 Hub 6900 stake

7200 stake 7500 marsh N-S

7400 water in marsh 7500 stake

in marsh 51.5 ft of old E & W fence

Kinney - McCabe. Cress and  
Bil McCabe work all day all  
go 1<sup>st</sup> McCabe for dinner

P.M.

7700 L<sup>o</sup> wet 7800 stake 7900 L<sup>o</sup>  
marsh 8043.30 Hub 8100 stake

(7920 stake Temp 1/x)

W 8220 Enter cut. 8300 L<sup>o</sup> Reg

8385 wye in ditch N-S

8400 stake 8444.20 Hub 8700

8.998.10 Hub 9.000.00 stake

9.034. L main road NW-SE

9.300 - 9.600. W 9.900. W

10.032.30 Hub 10.200 stake

10.500 stake 10.800 stake

Cont'd Pg (82)



133-29 (13)

US Notes. Points going from Trip (8)  
corner West of chair

2640 =  $\frac{1}{4}$  N side incl.

Pine 12 N 35 E 380 =

" 7 S 47 W 447 =

2640 + 1009.8 = 3649.8 = MC.

E side Red sand =

MC 24. P 9 N 53 E 496. =

5280 in lake

180.84 + 5280 = 5460.84 =

MC 26. W. Side Red sand

BP 13 S 67  $\frac{1}{2}$  W 384 =

7920 =  $\frac{1}{4}$  N side Sec 2. 133-29

"E" Pine 13 S 61 W 85 =

" 6 N 64 W 110 =

10560 = N. Cor 2 and 3. = E

"E" P 10 N 41  $\frac{1}{2}$  E 14 =

" 12 N 49 W 25 =

" 12 S 68 W 18 =

" 9 S 39  $\frac{1}{2}$  E 24 =

10560 = 493.02 = 11.053.02 =

MC. 30.

P 10 N 43  $\frac{1}{2}$  E 95 =

125 53  $\frac{1}{2}$  E 101 =

11.053.02 + 721.38 = 11.774.40

MC 31 P 14 S 84 W 175 =

P 10 N 86 W 157 =

11.774.40 + 1425.60 = 13.200 =

$\frac{1}{4}$  N side 3.

"d" P 12 N 2 W 33 =

P 10 S 55 E 10 =

15.840. = R. L. line



82 North Town Line 183-29

May 10-1923 Contd

10.992.4 Hub on W brink hill

10.940 stake foot of hill east Marsh

10.800 + 200 = 11.000. Tall white  
stake 20 ft E of water East side

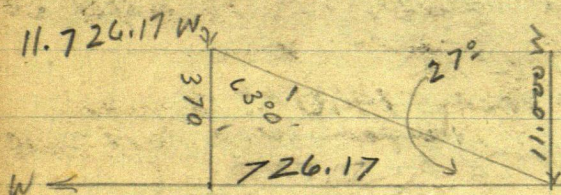
Berry Lake N10°W S10°E about

Back right East end @

10.463.70 Hub 36.3 E of 10.500

11.000. Tall white Birch pole E  
side Lake

Drive west around lake



Turn angle 2 lines vis

63° continue 126° OK @ 63°

$$63^\circ 00' = 27^\circ 00'$$

$$\text{Tang } 1.96261 \times 370 = 726.17$$

$$\text{Cat } 50953 \times 370$$

$$11.000. + 726.17 = 11.726.17$$

Hub 25 percent of water + 114.73

11.840.90 Hub 106 ft N of old E-W  
fence

@ LV Lake shore foot of slope

Look for BTS 6-40 LV field supper  
with McCabe Home 1. Bul 8.40

John W Curo



Baxter Twp 133-29

(15)

(83)

North Town L in

May 11-1923. Friday

8.03 L<sup>v</sup> Banned with Will McClellan  
and his sister's car, back up Jim McClellan and Jim Kimmey

11.774.40 stake Temp MC N=31 W side  
of lake look for Bto

11.726.17 + 48.23 stake

11.840.90 + 59.10 = 11.900

12,200 - stake 12,500. 12,619.80 Hat

12,800 stake - 13,100 stake 13,169.9 Hat

13,176.50 cross fence 70. ft N  
of SW cor post, 13,400 stake 13,444.60  
Hat 13,616.10 Hat 14,000

14,069.40 Hat 14,088 & main  
road N.E.S.W. Now fenced up to the South  
by Taylor.

14,300 stake - 14,449.90 Hat

Top of Hill - pt for & of new road  
which should run S.W. along E side  
of Big bog. 14,500 pt on N side  
Hill in line with fence running  
S.W. and 36. ft N. of same

14,553.77 = Stake O.O. Foot  
of hill in E. edge of Big bog

14,553.77 + 1,254.23 =

15,808.00. old stake S to S 87.70  
= 32. Ft short

15,808. + 5291.43 = 21,099.43

still 20.57 short in the 4. miles

Note: old stake should go 16.58 still  
further west to divide the 4. miles even  
But it is so far west now it makes  
a crook in the mile to and or old  
one



84 May 11-1923 Cont'd  
B.T. Stump appears to be O.K. I  
will L. old stake where it is. O.K.

Kinney goes with us to dinner  
with Mrs McCabe

P.M.

We drive to Van Zant farm - find  
him gone - I instruct Mrs Van how her  
husband as to dig the holes for I.M.S.

at Cor 1-13-14-23-24-133-29 at which  
place we go and set 4 small iron  
N 45° E 45' also NW-SW and SE with  
guard stakes at each small I.M.S.

At 3-4-9-10-133-29 we set 8 guard  
stakes at small I.M.S. ready to dig

Drive to 1/4 Pt 3-4-133-29 where

U.S. Nat. call for Q 1000  
BP 12 S 60° W 70' = 46.20

" 10 S 7 1/2° E 100 = 66.00

We find SE line stump mch plain and  
true also mch. also roots of old SW

BT with a stake showing marks OK to cut out  
off for course SE BT perfect for

course and dist @ Mean Course of  
entire line - set 5 small I.M.S.  
and guard stakes 6 ft away

N 45° E 45' also NW-SW-SE

T @ Hub 2549.7 True 1/4 set N

N 2° 38' W 97.9 ft or about 4.40 W

using random for this

2° 38'

Sine  
Corin

At

N The 1/4 set W

To 1/4 Hub W. side of whiffle 35.04

part. L. filed @ 6-03 Home 7-30



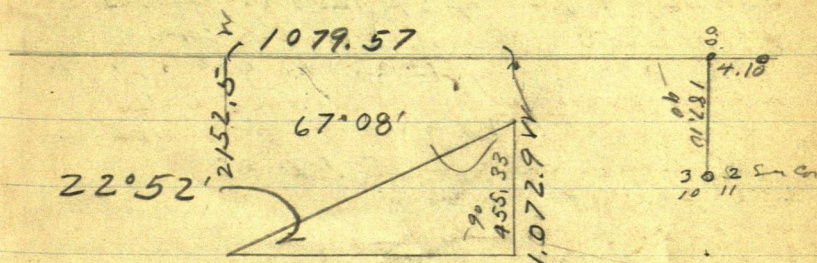
May 12-1923. Saturday Baxter 85

Will McCabe and his car and L & R. Bud  
@ 7.50 - pick up McCabe Jr. talk with  
Mrs Van Zant about Ims. Pick up  
Kerrin. Go to Hub O.O. near on li

2-3-10-11-133-29 (See page 54)

Turn Hub O.O. Turn 90° to random  
Ims sets to 187.10 ft. Cause hill slope  
to be set on west side, also to side of  
whipple lake. Another Hub sets 4.10  
E of O.O.

Begin @ O.O. chain West on random  
@ 100 set lake bed NW-SW



447.4 Hub on sharp new wall N-S  
600-900 slake 1.072.93 hill slope in  
marsh. run N 455.33

$67^{\circ}08' = 22^{\circ}52'$

Tang .42173  $\times 1080 = 455.47$  check

Cat 2,37118  $\times 455.33 = 1079.57$

1.072.93

1.079.57

2152.50

Dinner with Mrs McCabe  
P.M.

Drive li W side Whipple meet Virvin B.  
Taylor and Bill Behm whelpers in P.M.  
Begin at hill slope 2152.50 continue  
old random line

West 2400 W. Li measured 2452.50 slake  
+ 11.5 = 2464.00 sand beach



(84) May 12-1923 cont'd

$$2452.50 + 22.50 = 2475 \text{ stake}$$

$$\text{on bank. } 2475.0 + 238.3 = 2713.30$$

West old Hut. where we offset 250.0

South 35.04 to another old 117

Hut where we set  $\pi$ -hook right 238.3

East 15 stake set 35.04 to of random in  
continuum

West. 35.04 to of this random

$$\pi @ 2713.30 + 86.70 = 2800 \text{ W. stake}$$

3100 stake 3400 - 3700 Hut 4000

+ 200 Hut 4300 stake

4378.9 Hut 4396.40 W Hut at

intersection of lines 20.14 South of  
see corner NE Angle  $90^\circ 22' (= .0064)$

We drove to Van Zant farm - gotten  
and back to Cor 13-14-23-24-133-29  
where Van Zant starts digging - Bill Mc  
Cabe runs Kinney home - then back  
and goes with me to Zachary Barott's  
get 10 big mono and back to corn where  
we leave Van Zant to finish setting I.M.S.

Eat supper with McCabe and home  
15th @ 8 P.M. where I find Mr and Mrs  
Hamm.

$$0^\circ 22' \text{ Tang} = .0064$$

$$5300 \times .64 = 33.92/\text{ft}$$







88 Boxler May 14-1923 cont'd

$$74^{\circ}53' = 15^{\circ}07'$$

Tang 27013X

$$\text{Cat } 3.70188 \times 1124 = 4160.91$$

$$74^{\circ}53' = 15^{\circ}07' \text{ OK}$$

$$\text{Tang } 27013 \times 4161 = 1123.84$$

$$\text{Cat } 3.70188 \times 1124 = 4160.91$$

$$81^{\circ}47' = 8^{\circ}13' \text{ OK}$$

$$\text{Tang } 14440 \times 4155 = 599.98$$

$$\text{Cat } 6.92525 \times 60 = 4155.15$$

$$4155.15$$

$$4160.91$$

$$\hline 21831.606$$

$$4158.03$$

Mean distance over lake

$$3473.70$$

$$4158.03$$

$$\hline 7631.73$$

7600 L<sub>0</sub> water

$$7631.73 \text{ Hub over lake} + 68.27 =$$

7700.00 West stake 7852 stake top  
of seawall West side White sand L<sub>0</sub> sk

7992 W Cron wire fence 6 ft N of ETC fence

7996.4 my old Hub on road line

8000 stake - end of field - 8300 - 8600

8900 stake in field 9042 L<sub>0</sub> fence

9065 Cron wire fence 22 ft N of SW corner

9081.7 old Hub 9.200 stake

9500 stake 9585.50 Hub 9800 stake

10.100. 10.400 10.374 Cron old

L.L. Road N10°E S10°W 10.400 stake

10.432.40 my old Hub

10.560 stake 10.700 stake

10.799.50 old Hub 10.700 stake

11.000 stake 11.081 road N-S

11.175 old Hub



May 14 - 1923 Calif

11.300 stake. 11.307.80 Hub

89

11.311.9 Hub 0.0. = 4.396.4 E

4.396.4 +

15.840.0 -

11.311.9 =

15.708.3 =

15.708.3

131.7 short

Lv the field @ 7.15 drive to Kinneys  
then to McCabes.

Mr and Mrs Van Zant and their new Ford  
at Iron monument every day.



90 Bay lts May 15-1923 Tues  
Bill McCabe and his Chevrolet  
takes me out. Take bet 25<sup>00</sup> vs Bill  
8-10. Pick up lost kid go to Kinney's  
where he has a milk cow - back to  
McCabe - when Bill leaves me and  
goes to 25 Trms. and back Pick up  
Jim McCabe and lay out

1/4 Cor Bet 19-24-133-28-29

N 45° E 45 also NW-SW-SE. South  
slope of big hill on Town line

Dinner with McCabe  
P.M.

Finish lay out pick up Kinney  
Find State Highway has completely  
demolished cor to 10-11-14-15-  
133-29. at

1/4 Cor Bet 14-15-133-29 Kinney  
show old stake in marsh. I find tail  
stump of NE Twp and Jim McCabe  
finds tail stump of NW Twp

We lay out 1/4 Cor bet 14-23-133-29  
N 45° E 45 also NW-SW-SE L. field  
5.55 P.M. home to Burnside 7-30

C J Friedrichson 503 Manhattan Bldg  
Duluth wants des of Lots 3-4-Sec 1-133-29

John A. Curo



Baxley Trup May 16-1923 Wed  
Lt Bud 8-9m. Pick up Jim McCabe  
drive to Van Zant farm - then follow  
Zack Barnett and his team to cor.  
1/4 Cor But 14-23-133-29. Van Z.  
Jones up and we all work west  
sitting down



92

Art Johnson

August 12<sup>th</sup> 1923 Sunday  
Rough Stakes - Set for

Art Johnson as to E and W?

May be changed if we find old  
BTS @ NEC or 7<sup>th</sup> rd 3- 1133-29Total distance seems to be  
15840 US = 15808, my ch 32.00 short

See Page 82-83

= 5.33 short in each Half mile?

2640

US

10560

5280

13200

US

7920

15840

7920 goes East 16 ft (See pg 80)

but we first set a tall stake @

7920 and marked it - Temporary

1/4 and set it for Art Johnson



$$\begin{array}{r} 137 \quad 155 \\ \underline{66} \quad 930 \\ 822 \quad 930 \\ \underline{822} \quad 10230 \\ 70.42 \end{array}$$

$$\begin{array}{r} 5960 \\ \underline{4000} \\ 1960 \\ \underline{11760} \\ 1176 \\ \underline{129360} \end{array}$$

$$\begin{array}{r} 18 \\ \underline{08} \\ 108 \\ \underline{108} \\ 0 \\ 4213.35 \\ \underline{65235} \\ 48657.0 \\ \underline{260} \\ 4600 \end{array}$$

$$\begin{array}{r} 2182 \\ \underline{1871} \\ 2182 \\ \underline{15274} \\ 17456 \\ \underline{2182} \\ 4082522 \end{array}$$

$$\begin{array}{r} 1880 \\ \underline{1128} \\ 1158 \\ \underline{1158} \\ 2709 \end{array}$$

$$\begin{array}{r} 378680 \\ \underline{368112} \\ 105680 \\ \underline{92028} \\ 136520 \\ \underline{92028} \\ 444920 \\ \underline{368112} \\ 768080 \\ \underline{736224} \\ 11836 \end{array}$$

$$\begin{array}{r} 421335 \\ \underline{65235} \\ 56570 \end{array}$$

$$\begin{array}{r} 84.9 \\ 4865.7 \\ \underline{849} \\ 4950.6 \end{array}$$

Geo L. Lynn  
 calls up about 5081.50  
 Transmutation of Island in  
 in Lake + 5081.50 in Phoenix May 12 - 1923

$$\begin{array}{r} 14 \\ \underline{35} \\ 70.2 \\ \underline{42} \\ 490 \end{array}$$

$$\begin{array}{r} 35 \\ \underline{14} \\ 140.2 \\ \underline{35} \\ 490 \end{array}$$