

17

Co Road

133-134

28-29

1919

Kretch School

1926

No. 1201

①

Index

Co Road T. 133-134th - R 28-29th

Time Sheet 50

Board Sheet 51

Co Road Location 2.

Oct 13 - 1919 Monday

I am working for Crow Wing
Co in survey of Co road
to run in

Unorganized Twp
Road begins in cen of
State Road No 7

@ Co to Sect 5-6-31-32

bet Twp 133 and 134 N

Ry 28^W thence West 1 mile
to Twp Corner

T 133-134^N R 28-29^W

North 1 mile to Cen of

25-30-31-36 T 134^N R 28-29^W

thence 1/2 mile west to 1/4 bet

25 and 36-134-29 thence

North 1 mile to 1/4 bet 24 and 25

to intersect State road No

Oct 13-1919 cont'd

@ Tap Co VS. Nalis call for

We find an Iron Monument
being a $1 \times 1 \times 9$ inch deep tooth
driven into an old rotted stake

$\frac{1}{10}$ of a foot. East of the center of
an old rotted S.E. Corner of
a 2 wire fence running W

This Tap Corner

was previously established
by County Surveyor Harrison
and every one of the surround-
ing land owners know where it
is as fully accept it as
the true Tap Corner

This was located by me
last summer

John W. Carr

Oct 13-1919 Cont'd

Juan P Babcock and J Cham
North bet Secs 31-36

+134 R 28-29

following a line transit line
run last summer by

Herald J Cues

300 ft Ch. vs transit

@ 300-slats 551 old hub set

by Herald @ 600-slats

776 small ditch E & W

Culvert Sili: 900-slats

1089.4 old hub: 1200 slats

1312.7 old fence E & W

1500 slats: 1612 small ditch

E & W - Culvert Sili

1800 slats: 2090 old hub

2100 slats 2400 slats

2625.4 n. edge of West part

of fence running East

an I.M. set by

Sec pg 28

Oct 13-1919 Cont'd

Co Surveyor Garrison lies
West Two feet

Mr Chas B Clark says that
Fred Johnson wants to sell
out. He has good bldgs
the 80 joint r of Clark sold
last year @ \$24. an acre
see 31-134-29

x x x

Mr Blake @ Hubert Lake
says that Mr W G Curtis of
Hubert Lake P.O. knows the
address of Mr Brown

My Ford Car

See Book²¹ of Bank Plat Oct 13-¹⁹¹⁹

Johnson show us the SEC on see 31

he was offered \$40 an acre for his
100 acres

John W. Curtis

Oct 14-1919 Tuesday

Curo-Batcock and my en.

Beg @ lwp Co. Chan

East along crooked road
along town line bet Secs

6th/31. T 133-134 R 28

@ 350-600-900-1200-1500-1800

slats @ 1975 Culvert rti

small ditch N & S.

2100-2400 slat 2677

old fence runs N & S

Robert W Adair who
owns SW of SE of Sec 31-

134-28 says he and his

neighbors built that fence

years ago, '2 rods

East of '1/4 En set by Carsons"

@ 2700 slat 3000-3300-

3600 slats.

Adair would not sell his

"40" for \$100. an acre

Co Road 133-134-2829⁷

Oct 14-1919 cont'd

he raised about 70 bushels
of potatoes this year at
about $\frac{1}{5}$ acre - we found out
Hain belongs to the
Salvation army. He goes
in my car and shows us
the SE cor 31st in cor of State
road at same place

Johson showed us yes-
terday

See Bane Survey Book N^o 21
Oct 14-1919.

Oct 15-1919 Wed

Alma Curo runs train
 Guiley in perfect adjustment
 J P Babcock. J W Curo Ch
 300 ft PB

Billy Reed and my Ford Car
 See Book No 21

Beg @ Stake No 3600 E
 of Twp Co. Continues
 East bet 6^{and} 31
 T 133-134 " R 28^W

@ 3700 traveled road
 turns NE around N end of
 meadow

@ 3780 Hub on hill

On road 8°30' E

@ 3900 strike on line - enter
 meadow @ 4002 old fence
 runs north 4200 stake in ^{NE SW} meadow

4250 L^o meadow NW

4270 enter NW Co Corn field

133-134-28

9

Co Road

Oct 15-1919 Cont'd

4500 stake on line

4520 LV Cornfield 51

A of NE. Co. 4500 Wab

4950 end of meadow N 18

5100 stake on line in meadow

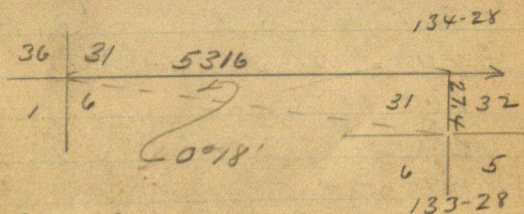
5300 stake west edge of wood

@ 5305.50 small hut

West edge of wood

5316 Cen of State highway

See Co sets S 27.40



Correction = .005154

of a foot S. for each foot E

John W. Cress

133-134-28

Co Road

Oct 16-1919 Thursday

Carrecling = .005154

Bet 6 and 31

✓ 5305.50	gals S	27.40 ✓
✓ 5100	E " S	26.29 ✓
✓ 4800	E " S	24.74 ✓

To be "raked in"

✓ 3780	E gals S	19.48 ✓
✓ 3600	" " S	18.55 ✓
✓ 3300	" " S	17.00 ✓
✓ 3000	" " S	15.46 ✓
✓ 2700	" " S	13.92 ✓
✓ 2400	" " S	12.37 ✓
✓ 2100	" " S	10.82 ✓
✓ 1800	" " S	9.28 ✓
✓ 1500	" " S	7.73 ✓
1200	" " S	6.18
900	" " S	4.64
600	" " S	3.09
300	" " S	1.55

see Page 25

Co Road

Oct 16-1919 cont'd

US Notes

Town Line nalis: bet

133-134-29

8000 Cor to 3-4-33-34

Tann 6S 89½E 445 LKs

" 6N 86E 59 LKs

No other lines near

East bet 3 & 134 U 12°30'E

4.00 Lv dead Tann-East Line

1800 Lv Tann East Pins

4000 set ¼

Pins 12 N 2 33

" 10 S 55 E 10

6160 MC West side Lake

Pins 14 S 84 W 175

" 10 N 86 W 157

7253 MC E side Lake

Pins 10 N 43½E 95

" 12 S 53½E 101

8000 Cor to 2-3-34-35

Oct 16-1919 cont'd

Co Road Survey

US Nails Town Line

133-134-29

8000 Co 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

E cut bet 2-35 \cup 11° 15' E

2200 Road

4000- 1/4

P Pine 13 S 61 W 85

" " 6 N 64 W 110

7726 indirect Red Sand
Lake Set M.C.

P Pine 13 S 67 1/2 W 38 1/4

no other lines near

E cut 1 & 136 \cup 12° E

2744 M.C. E. side

Red Sand Lake

133-134-28-29 13

OS Nals

Oct 16-1919 Contd

Prin 9N53E 496

No alth

4000 $\frac{1}{4}$ bet 1st 36

PP 12N35E 380

" 7S47W 447

8000 Twp Cor

133-134

28th 29

Pileh Prin 14N 16E 351

" " 13N 11W 518

" " 18S $\frac{3}{4}$ W 1832

No alth lines near

14

7 133-134

R. 28

Oct
10/19/19

US Nalis

East bet 6th and 31 \cup 12° E

4000 - $\frac{1}{4}$ bet 6

Pile 85 57 $\frac{1}{2}$ W 65

" " 6 N 38 W 76

8000 Cor 5-6-31-32

PP 12 S 57 E 110 = 72.6

" 8 S 48 $\frac{1}{2}$ W 280 = 184.8

" 8 N 43 E 315 = 207.9

" 12 N 5 W 342 = 225.72

East bet 5th and 32 \cup 12° 51'

4000 $\frac{1}{4}$

Tam 8 N 17 $\frac{1}{2}$ E 19

Spr 10 S 67 W 23

8000 - 4-5-32-33

Spr 9 S 39 E 10

" 10 S 30 W 33

" 9 N 37 E 6

" 10 N 36 $\frac{1}{2}$ W 37

East bet 4-33 \cup 9° $\frac{1}{2}$ E

2950 Lu lam eulir pile

US Natl
133-134-28

pin thick. bear Natl
4000 $\frac{1}{4}$ bet 4-33

PP 10 N 43 W 23

" 9 S 24 E 15

8000 3-4-33-34

PP 8 N 20 E 32

" 8 S 55 E 45

" 8 S 73 W 42

NP 24 N 21 $\frac{1}{2}$ W 115

E of bet 3rd 34 δ 10° 15'

9.20 in. insect

Mississippi River

At MP.

NP 18 S 13 E 17

PP 12 N 11 $\frac{1}{2}$ E 48

315	28	11
<u>1890</u>	<u>66</u>	<u>66</u>
1890	168	66
<u>2079</u>	<u>168</u>	<u>726</u>
	1848	342
		<u>2052</u>
		2052
		<u>22572</u>

16

USNaler

Oct 16

134 R95 28-29

North Farm Town Can 0

But 31-36 0 13° E

4000 $\frac{1}{4}$ PP 85 14W 43

" 85 41 $\frac{3}{4}$ E 46

8000 Can 25-30-31-36

PP 95 9 $\frac{1}{4}$ E 384 ^{253.44}

" 105 3W 505 = 333.3

No alth near

North bet 25-30 0 11° E

4000 $\frac{1}{4}$

Pm 155 5 $\frac{1}{2}$ W 33

" 16 N 82 $\frac{1}{2}$ E 32

8000 Can 15-19-24-25-30

P 8 N 9 $\frac{1}{2}$ W 416

P - N 23 W 448

No alth near

North bet 19-24 0 10° 30' E

4000 $\frac{1}{4}$

BP 14 N 77 W 58

" 105 85 E 150

8000 Can 18-19-13-24

US Nails
134-28-29 Oct 16

17

Pm 14 N 71 E 249
" 10 N 54 W 302
" 15 S 82 1/2 E 231

North bet 13-18-0 11° 30' E
3700 intersect Long Lake
M.C. and 1/4 Sec Cor
and leave those for all
Corners

M.C. Nails { See my Corner Book
As per 12585 1/2 W
4000 in lake only one 298
8000 " " }

N bet 7-12
4000 in lake
8000 " "

North bet 1-60 11° 30' E
1650 over Long Lake
old M.C. standing
4000 1/4

each 6566 W 25
WP 10 N 65 E 60

109 N 26 E 50
18 N 44 W 17
my corner book
also

18

US Nalis
134 R 28-29

2 Birch 10S 12W 15E
Birch 8S 49E 15E
My Can Co Book
Census

Oct 16 1919

@ 6570 old MC on S
margin of lake
7688 Point in Round Lake
On to Twp.

T. 134-135 R 28-29
Nalis:-

These nalis do not give
B.T.S. To Meander Corner
an Long Lake and Round
lake on West Body of
134-28. and

East Body of 134-29
as it seems that it
was re-surveyed and
there is another set of
"old Nalis"

John W. Cress Co. Surveyors
Oct 16-1919.

Oct 16 - 1919

U.S. Nalis

134-135-29

West Bet 2nd 35° 11' 12" E

6621 Old MC on W shore

Round Lake

6820 L.L. Road

8000 Cor 2-3-34-35-

NP16N 33 1/2° E 64

WP 24N 65 3/4° W 57

NP14S 17° W 55

NP16S 51 1/2° E 59

West line line Bet

3rd 34° 11' 12" E

2000 set Port for 1/16 Cor

(For Rev John Johnson)

mkd line X to Lhs South

3602 old 1/4 which

I destroy

3964 Old MC on East

shore of Gull Lake

Note N. M.C. given

P10N 26° E 21
E 1/2 m 85° 3 1/2° W 13
my own C. North
even

P142E 30
P183W 30
my own C. North even

20

US Nails ad 16-1919

134-135-28

West bet 5 and 32

2610 old MC.

4000 new 1/2

Aspen 12 N 68 E 65

E 6m 15 S 8 W 100

8000 on 1: 5, 6, 31, 32

Sugar 12 N 69 E 3

" 10 N 34 W 30

" 12 S 39 W 35

" 10 S 17 E 54

West bet 6-31 U —

24000 1/2

Lind 5 N 37 E 15

I. Wood 6 S 42 W 35

5920 old MC on Round Lake

@ 7486 Pt in Round

Lake for Tap on

Nails: No BTS for 'old
MC. S' etc.

Cure

Oct 16-1914

Babcock and I copy
US notes being a part of
N B dry of 135-28. and
all of 135-29 on N side
in Crow Wing Co

Notes

I happen to have my old
Cass Co notes of 133-134-29
and find the missing M.C. notes.
These notes cost me a thousand
dollars and I want pay for
"having them" ever

Oct 16-1919 Contd

Joers Reed and I.

make hubs and till stakes

Find our steering gear
broken @ SE Cor Sec 31-

and run back to Brainerd
for repairs

Correct line or given on
page 10.

$$\begin{array}{r} 75 \\ 5 \\ \hline 37.5 \end{array} 2$$

Oct 17-1919 Friday

Jules Reed and I with
my Ford.

@ On 1: 5-6-31-32 Bet
T 133-134 N. R 2 P W

we drive point of broken
auto spring 8" long 2" wide
1/4" thick in cen of State
Road? for line cor and
mark new B.T.S. sig

0 9° E back sighting So
along Hill Road

New B.T.S.

14" J.P.S.

12" Scrub J.P.

8" J.P.N 53° 25' E 122.70

7" J.P.N 35° 48' W 201.80

14" J.P.S 56° 40' W 174.50

9" Scrub J.P.S 49° 15' E 154.40

Old B.T. stump bear

N 43° 35' E 212.40 feet

212.4
207.4
45' avg

24

Oct 17-1919 Cont'd

$$\begin{array}{r}
 5154 \\
 \underline{45} \\
 25770 \quad 2 \\
 20616 \\
 \hline
 231930
 \end{array}$$

$$\begin{array}{r}
 5154 \\
 \underline{42} \\
 10308 \\
 20616 \\
 \hline
 216468
 \end{array}$$

$$\begin{array}{r}
 5154 \\
 \underline{39} \\
 46386 \\
 15462 \\
 \hline
 201006
 \end{array}$$

$$\begin{array}{r}
 18.55 \\
 \underline{155} \\
 20.10
 \end{array}$$

$$\begin{array}{r}
 5154 \\
 \underline{3} \\
 15462
 \end{array}$$

$$\begin{array}{r}
 21.65 \\
 \underline{155} \\
 22.20
 \end{array}$$

$$\begin{array}{r}
 5314 \\
 2700.00 \quad 2 \\
 \underline{265275} \\
 265275 \\
 \hline
 47.25
 \end{array}$$

Oct 17-1919 Contd

Correction = .005154

Brought from Page 10

✓ 4500 E goes S	23.19 ✓
✓ 4200 " " S	21.65 ✓
✓ 3900 " " S	20.10 ✓

At Sta 37+80 are chain
South 19.48 Feet and

Set hub P.O.T 90° to Road

JP 6 N.W 71.00 mkd P.O.T. 71.00

JP 4 SW 65.85 mkd P.O.T. 65.85

See pg 10.

See page 10

26

Oct 17-1919

at Turp Con 11

T133-134 N

Rgs 28-29 W

New B.T.S. Uij

Oak 4 N $36^{\circ}40'E$ 47.20

GP 10 N $32^{\circ}04'W$ 107.80

GP 8 S $81^{\circ}29'W$ 87.80 FT

Tall Stake S $45^{\circ}W$ 46.67

mkd "Road Limit"

Turned from line line East

46.67
70711) 330.0001
28 28 x 4
47 1560
42 4266
47 2940
42 4266
48 674

John W. Curo

27

Oct 17-1919

Quit at dark and get home
late

John W. Cucco

Oct 18-1919 Sat
I work with
and

Jess and Harold take my
Ford and go to $\frac{1}{4}$ C on Range
line bet 36-31-134-28-29
@ 2625.6 The $\frac{1}{4}$ I.M. set by
Co Surveyor Garrison his West
2 ft. (See Page 4)

See also Harold Curo's old
valer on Page 3-4-7-8 Book
Small Book N^o 13

Babcock's valer in part of
2400 stake 2700-3000-3300
3600-3866 Fence runs E
3900, 4200, 4500-4800

5100 stake 516x fence runs
NW about 70 ft - then west
5203 fence run E. 5235 fence
run W 5280 old Hol. W

Oct 19-1919 Sunday
I am with

5400 Black Canyon mts.
5700-5905.5 at the top
6000 Black Canyon mts.
6300 - 6415 Culicid mts.
near mts. water and stop.
Oct 19-1919 J. P. Botch

30

Oct 20 - 1919 - Monday

Oct 31-1919 Tuesday

32

Collected

Oct 22-1919 Wed

Oct 23-1919 Thurs

Lucas and I go to Bocher
to survey for Alson

Alma + Reed stop at Jenkins
Lucas and I stay with Jeff
Saunders at Bocher

See Book N^o

Begins to snow about 3 P.M.
Snows hard all night

Oct 24-1919 Friday

I get back to Pine River -
pay \$4. for wheel chains - lost
me pay \$1. to young Juhla
for an axed chain

Over night at Jenkins with
Alma and Reed

Oct 25-1919 Sat

Jenkins to Brainerd in snow
 Dinner at Pequot 81.4° for 3.

Dwight brings Mary to hotel
 in evening - gets my gun ring

Oct 26-1919 Sunday

All day at home in
 Brainerd - Snow

Oct 27-1919 Monday

Get car fixed at
Shelton's Garage 813.

Moved my table down in
basement at Ct Hs

Dinner with at Bachus

36

Co Rood Survey

Sec 25-36-134-29

Oct 28-1919 Tues

Check notes all am

PM.

Alma Reed and I drive to
Johnson.

Sight Transit & my old
Transit line (See Page 34
Small Book N=12)

On 10°. Turn 90° Left

Then 0°32' R and run

East bet 25-36-134-29

on 9°28' E

Johnson cuts picked line
I and Alma back home for
over night

Co Road
134-28-29

37

Oct 29-1919 Wed

Herald & I with my Ford
monkey all day along town
line

We drive to

$\frac{1}{4}$ Bet 25 and 30

T 134 R 28 and 29 W

where US Natl. Call for

Pin 15° S 5½° W 33 Links =

" 16 N 82½° E 32 " = 21.12 ft

32	We find the "hole" where the old NE stump was grubbed out which cluster in line with a fence runn- ing East and half way bet two side fences running N & S. 47. ft bet fences
66	
192	
192	
21.12	

Mrs Nels Larson (Widow)
has lived here 25 years

owns 160 acres - N½ SW¼

Sec 30.-134-28 also the
grove

Oct 29-1919 Contd

SENE and NESE Sec 25-134-29

Andrew Larson - her son
who owns 40 acres - NWSE
Sec 25-134-29 says that
the old $\frac{1}{4}$ post was placed
25 years ago and in line
with fence running East

He does not remember when
the fence was built or of
seeing any B.T.S.

He thinks the $\frac{1}{4}$ set in
Cen of N & S Hood

We believe it to be in
East wheel track and
half way bet fence running
N & S.

Nali: "Jim Peterson owns
land near $\frac{1}{4}$ Corbet 24th and 25th
134-29 lived here 35 years
Had his land surveyed 10 years

134-28-29
Co Road

39

Oct 29-1919 Cont'd
ago and may know of old BTS
of his land etc

At 7854 N on Harald's
old transit line - my 1/2 ?
Corner set West 14 1/2 Feet
and the fence runs East
bet RR Wire and Mrs Vells Larson
Both satisfied the fence
is correct on line

7920
7857

66 ft short in 1 1/2 miles

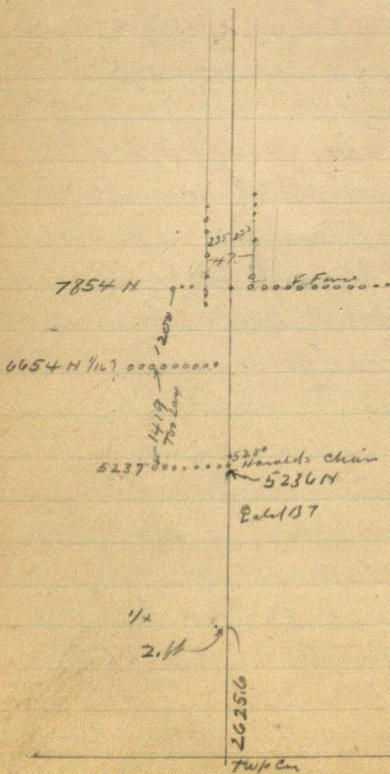
(See Page 8. Small Book 13)

Harald and I find Jim
Peterson gone and cook over
dinner near school house

Johnson continues to cut
line all day on pickets

East bet 25 and 36

Oct 29-1919 Contd



Oct 30 1919 Thurs

No work - rain

$$\begin{array}{r}
 785.4.0 \\
 2625.6 \\
 \hline
 25228.4 \\
 2614.2 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 2614.2 \\
 2625.6 \\
 \hline
 5239.8
 \end{array}$$

$$\begin{array}{r}
 26 \\
 264 \\
 2625.6 \\
 2614.2 \\
 \hline
 5239.8
 \end{array}$$

$$\begin{array}{r}
 2625.6 \\
 2614.2 \\
 2614.2 \\
 \hline
 7854.0
 \end{array}$$

$$\begin{array}{r}
 5280.0 \\
 5239.8 \\
 \hline
 40.2
 \end{array}$$

$$\begin{array}{r}
 384 \\
 66 \\
 \hline
 2304 \\
 2304 \\
 \hline
 25344
 \end{array}$$

$$\begin{array}{r}
 505 \\
 66 \\
 \hline
 3030 \\
 3030 \\
 \hline
 33330
 \end{array}$$

42

Co Road
134-29

Oct 31-1919 Friday

Alma Reed and I with
Ford drive to Co

25-26-35-36-134-29

mark new BTS. Up 10° on

JP 10 N 49°30' E 55.00 Feet

" 9 N 50°12' W 61.85 "

" 9 S 60°30' W 63.35 "

" 12 S 45°05' E 57.00 "

To flat spot on side of
line ✓Cook our lunch here then
P.M.We correct the S. half mile
along the Range line

2625.4 N goes West 2.00 ft ✓

2365.1 " " " 1.80 ✓

✓2090.0 " " " 1.60 ✓

1089.4 " " " 0.83 ✓

551.0 " " " 0.42 ✓

See Page 3, Small Book '13.
Herald's Notes

Correction = .00076

134-29

43

Oct 31-1919 Cont'd

2626	<u>1.000 76</u>	2526	
	20000	<u>76</u>	
	18382	15156	
	16180	17682	
	<u>15756</u>	191976	
2365	76	109	
<u>76</u>	<u>21</u>	<u>76</u>	
14190	76	63	
14555	152	<u>325</u>	654
17974	1596	450	762
55		<u>7871</u>	8284
<u>76</u>	76	7500	25632
0	55		<u>29904</u>
380			324672
<u>380</u>		1350	
418		<u>175</u>	
		44	
		<u>75</u>	
		124	
		<u>130</u>	
		134.28	
		<u>124.29</u>	
		427	
		<u>76</u>	
		2562	
		<u>2989</u>	
		32452	

New BTS @ $\frac{1}{4}$ bet 3136-134.28

Alma and I set traps and tall
stakes every 300 ft and at all
traps as shown on opposite page
from trap car nearly half a
mile north - distributed stakes
and traps the entire mile
JWE

(44)

Nov 1-1919 Sat

Commissioners meet
Dinner at home in Red
P.M.

Harald I and the Ford

Correct Harald's old
line on Rg Line Bet 31-36
134-28-29

Correction = .00076 @ 3.25
4272.40 N goes @ 3.25

See Pg 4 Small Book 13

We set transit over
corrected hub @ 4272.40 N.,
back sight South nearly a
mile to the Town Cr and
take in "all stakes from
2090.0 N to 4272.4 then
continue straight line

North along the Range
line setting hubs and
lull stakes every

Co Road Survey
Pg Line 134-28-29

43

Nov 1-1919 Cont'd

300 feet north Road Cen'
Sec Line" to 5236.0 N

where we intersect the
point for the line cen to

At this point being

On 25-30-31-36

T34-R 28-29

US Notes Call for

P. 9S 9 $\frac{1}{4}$ E 384 Lks - 253.44 Ft

Prin 10S 3 $\frac{1}{2}$ W 505 Lks - 333.30 "

We find the stump of
the S E line root closely
marked with a piece of
the trunk of the tree
15 inches long by 3 inches
wide, extra well scrubbed.

Garold picks the
well marked piece out
from among the roots of
the stump

46

Co Road

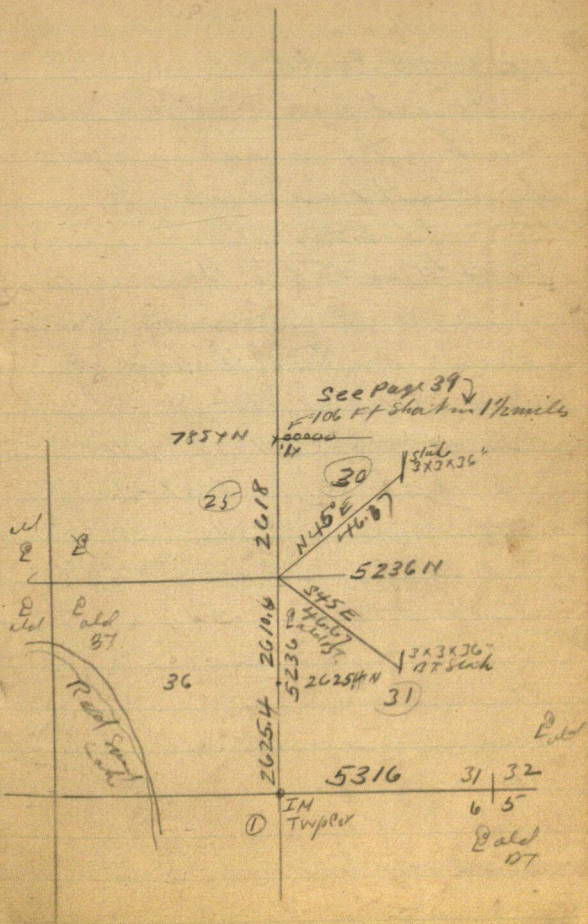
134-28-29

Nov 1-1919 Cont'd

We set the corner stake
on the line produced
straight line north
produced this

Garrison's $\frac{1}{4}$ corner
this old B.T. stump will stand
about or 2 ft too far west
@ $59^{\circ}15'E$ lained from the
line line but I do not
want to put a crook in
the mile

Drive a $4 \times 4 \times 36"$ GP stake
for line cor with new BTS viz
3" GP stake N $45^{\circ}E$ 46.7°
3" GP stake S $45^{\circ}E$ 46.7 "
lained from the line line S.
my stake corner 1 foot S and
3 ft W of SE cor part of fence
This cor is 2



Nov 1-1919 Contd

Gerald and I get back after dark and I put in a bid for a part of my time viz

Oct 31-1919

Crab Wing Co. To J W Currier
Eng work in survey of C
road on S and W side. See
31-134-28

Oct 13-14-15-16-17-1919

= 5 days @ 75° = \$37.50

Auto on same dates with crew
and tools = 5 days @ \$25°
= 125° Total \$50.

Co Road
Beer

49

Nov 14-1919 Friday

2° below zero - sun shine
weather - no wind

I go to Johnsons - where
I leave my Ford

Johnson and I walk
to Co of Beer

25-26-35-36-134-29

E art ket 25-36 over
picket line cut by

Johnson

300-600-900-1200-

1329. E cross road and
fence about 2 rods N
of E & W fence

1500-1800 - set stakes

Entire open field.

N & S.

2100-2400 stakes in
field 2690 cross
ald. N & S fence

Time Sheet	Nov 1919			
	SUN	14	15	SUN
Nov 1919	1	2	14	23
John W Curo	1	0	1	$3\frac{1}{4}$
Art	1	0	1	$\frac{1}{2}$
Gerald Curo	1	0	-	$\frac{1}{2}$
J P Babcock	-	0	-	$\frac{1}{2}$
Arthur E Johnson	-	0	1	-
Fred H Johnson	-	0	-	$\frac{1}{2}$
	-	0	-	-

Boarding with Art Johnson

John W Curo D D

Gerald Curo D

52

Co Road Dec 25-36
134-29

Nov 14-1919 contd

46.00 feet N of E & W fence
near $\frac{1}{4}$ Cn bet25th & 36-134-29where US Naler call for
BP 12" N 20° E 356 Lks = 234.96 ft.

" 12 S 33° W 628 " = 444.48 "

I do not look for these
walk to Johnson's for dinner
Mr Johnson cooks a chicken
P.M.at early transit out and
"rake in" all stakes up to
2700 E and from here on we
cut line thro heavy small
brush@ 3000-3300-3600 set stakes
where we to point of small
JP. enters open field and
Quit for night - I get home
after dark. J W Curo

134-29 - Co Road 53

bet 25th & 36

Nov 15-1919 Saturday

Gerald and I drive to
Johnson's hogass with us
and we continue
East

@ 3900 -

4200 - 4500 - 4800

5150 stake Van used 9°40'

5100 + 134.20 =

5234.20 E

Cor to sec

bear S 22° 06' E 44.00 ft

Fred

who owns SE 1/4

Sec

comes out to see our survey
his South line and I
show him and Art

Johnson the inache of
the old SE 1/4

54

Nov 15-1919

Gerald and I take dinner
with Johnson

P.M.

Gerald goes rabbit
hunting Fred A Johnson
comes out to help us

@ 2700. we chain west
82.90 ft to 2617.10 E where
I set trap and run
S 22° 06' E 22.00 ft and
set 3x3x40" J.P. Blisko
limp 1x can bet 25-30

134-29

over which I set trap
and run

North thru Cen of 25 & 9'

300

600

900

12

1500

1800

2400

2425 enter wet meadow

bog No way to go around
run E and West runsWest about 600 ft to salient
ridge of sand for sea wall
of small lake

2638 Cross E of wet meadow

—— ft west of N.E. corner

2700

2725 L. 1 bog E of 2nd

runs 100 ft N.W. 100 ft to
sea wall on E side of
lake

2735 enter small thicket

3000 stake 30 ft from top of
sea wall and 50 ft from edge
of sand beach

56

134-29
Sec 25
Co Road.

Nov 15-1919 Could

@ 3150 we are 5 ft E of E. edge
of seawall which is 20 ft
wide on top

3300 Stake about 25 ft E of
top of seawall

Lake turns NW

3600 Stake

3707 Cross wire fence

Large - empty field

3900 Stake in field

Butterfield comes
out to watch us Arthur

Johnson sets a hut on N
side of field and we quit
for night - Carry the outfit
back to Johnson and home
in the Ford after dark
Young Ketch rides in
with us

John W. Cress

134.29
Co Road

57

Nov 16-1919 Sunday
Figuring corrections
Bat 25-36

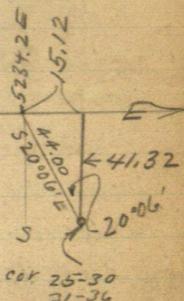
(25)

(36)

20°06'

sin 34366

cos 93909



34366

44

137464

5234.20

15.12

137464

5249.32 15.12104

93909

44

(25)

375636

375636

41.31996

5249.32

41.32

(36)

See Page 67.

58

134-29 Dec 25
Co Road Survey

Nov 16-1919. Cont'd

Gerald and I figure
 Corrections till 9-30 am
 then drive to "Ketch Set
 H's" Overlake Mall
 help him put on blow out
 tire loan him re-lines

Look for $\frac{1}{4}$ Cor bet
 24 and 25 - 134-29

when US Nalis call for
 BP 8" N $11\frac{1}{2}^{\circ}$ E 329 LKS = 217.14
 " 10 S 85 E 150 " = 99.00

Cookhouse dinner N of Sch H
 PM

Mr John Peterson (known as
 "Jim" Peterson comes out
 and shows us old fence on
 at $\frac{1}{4}$ where old fence
 runs N-S-E-W nearly all
 down now. This land

Nov 16-1919 Court

was first surveyed by

Whitely who "got it all wrong" says Peterson

He and Charley Krich then got Relf out to run all lines around Sec 24 134-29 and sub-divide same

Mr Peterson says Relf run the entire mile on So side of 24 but he thinks he found the old B.T.S. and stakes

Peterson has lived here 36 years - First owned SE $\frac{1}{4}$ of Sec 24

Later got the NE $\frac{1}{4}$ from Jesse Blake and now owns E $\frac{1}{2}$ of 24 = 320 acres

Nov 16-1919 Continued

Nat's SE Cor of 24
sets $1\frac{1}{2}$ rods W of E of
N and S road and in line
with the fence which was
there before the road was
built

NE Cor 24 same as SE Cor
both "Pretty Close" on fence
line E & W

Surveyed 30 years ago
about

24 years ago Chas A
Ketch who Homesteaded
the SW $\frac{1}{4}$ of 24 built
a fence North from the
 $\frac{1}{4}$ bet 24 and 25

but wavered a little West
as he went North

We will look this up
later JWC

13429
Co Roca
Sec 25

61

Nov 16 1919 Cont of

Gairald and I begin
@ Stake 3900 in field
and continue E
North

@ 4100 end of West edge
of wet marsh

4200 stake in marsh
25 ft W of water in
little x road lake

4300 L^o marsh in field

4500 stake in field

4573 Hub L^o field

Note: this field is plowed
& esp small bog in E
above mentioned

4650 end of SE corner of wet marsh

Then follow along E edge of
marsh 25 ft from shore where
there is a dense growth of
5 to 10 inch J^o all around

Nov 16-1919 Cont'd

E. edge of this marsh. J.P.

150 ft wide

4800 stake in marsh 25 ft

W of E. edge

@ 4950 wire in wet marsh

100 ft W. of E. edge

5100 stake 35 ft W of E. edge

of marsh

5261 Hub Temp $\frac{1}{4}$

bet 24-25-134-29 in

line with old fence

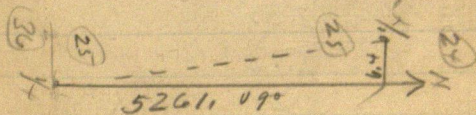
ETW

Nov 23-1919 Sunday

Gerald and I with my Ford
drive 1-1/4 Cor bet24th and 25

T134K29 where we set
a 2X2X40" GP stake for the
line 1/4 Cor at a point where
Chas Kutch put his
SE Cor post for his fence
which runs North and
West New BTS Page =

at 5261. N the 1/4
sets West 640 ft



Correction - .001216 W

JP10N47°30'E 41.10 FT

JP10S53°30'E 73.00 FT @ 9°00'

Set with Compton School kids help Chas
Johnson

Nov 23-1919 cont'd Corrections

5261.)

1.001216

5261)

6.40.0.

5261

1139.0.

10522

868.0.

5261

3419.0

31566

.001216

✓ 300 N goes W	.37 ✓
✓ 600 N " W	.73 ✓
✓ 900 " " W	1.09 ✓
✓ 1200 " " W	1.46 ✓
✓ 1500 " " W	1.82 ✓
✓ 1800 " " W	2.19 ✓
✓ 2100 " " "	2.55 ✓
✓ 2400 " " "	2.92 ✓
✓ 2700 " " "	3.28 ✓
✓ 3000 " " "	3.65 ✓
✓ 3300 " " "	4.01 ✓
✓ 3600 " " "	4.38 ✓

Co. Road

Nov 23-1919

3900	gals W	4.74
4200	" "	5.10
4500	" "	5.47
4800	" "	5.84
5100	" "	6.20
5261	" "	6.40

66

Co Road

Nov 23-1919 could

Correction

E + W Bet. 25-36-134-29.

See Page 57.

1.007870 S

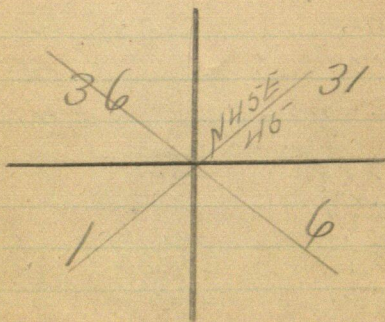
$$\begin{array}{r}
 5250 \overline{) 41,320} \\
 \underline{36750} \\
 45700 \\
 \underline{42000} \\
 37000 \\
 \underline{36750} \\
 2500
 \end{array}$$

300	E	gals	S	2.36
600	E	"	S	4.72
900	E	"	S	7.08
1200	E	"	S	9.44
1500	E	"	S	11.81
1800	E	"	S	14.17
2100	E	"	S	16.53
2400	E	"	S	18.89
2700	E	"	S	21.25
✓ 3000	E	"	S	23.61 +

✓3300	E goes S	25.97✓
✓3600	" " "	28.33✓
✓3900	" " "	30.69✓
✓4200	" " "	33.05✓
✓4500	" " "	35.42✓
✓4800	" " "	37.78✓
✓5100	" " "	40.14✓
✓5249.32	" " "	41.32✓

787	23610	2361
<u>3</u>	<u>2361</u>	<u>51</u>
2361	26971	2361
<u>4.722</u>	<u>28332</u>	<u>11801</u>
7.083	<u>2361</u>	787
<u>2.361</u>	<u>30693</u>	<u>51</u>
9.444	<u>33054</u>	<u>787</u>
<u>11.805</u>	<u>2361</u>	<u>3935</u>
2361	<u>35415</u>	<u>40.137</u>
<u>14.166</u>	<u>2361</u>	
16.527	<u>37776</u>	
<u>2361</u>	<u>40.137</u>	
1.8.888	0 1/2 bu 25-36	
<u>21.249</u>	Final Plot SE 36.5	
<u>2361</u>	SW 34.2	
23610	3x3x 36" AP stake	

Dec 7, 1922. Thursday
 Art. Johnson & I with
 Curo's Car establish the
 Cor to sec 16, 31, 36, T133-
 134 - R 28 + 29. where we
 Put in 5 U.S. Monuments

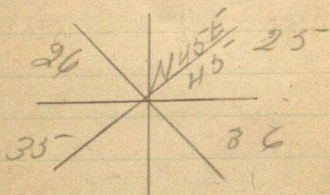


V. P. Babcock.

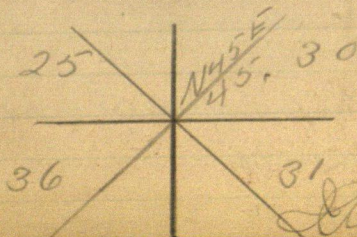
Dec. 8, 1922 Friday.

Kelo. Art Johnson
+ I with Curd's car.

go to cor to see 25, 26, 35 &
36 T134 R29 where
we establish the cor
with 5 U.S. Monuments.



Thence to cor to see
25-30-31-36 on Range
line where we also estab.
5 U.S. Monuments.



J. P. Babcock

①

71

August 24-1926 Tues

Kretch School District
N^o 29. Crow Wing Co Minn
Board.

Jacob Sorensen-Director
Charles Kretch Clk
R. S. (Reason) ^{Treasurer} Plummer ^{Treas}

Note: They want Sch
house-gds Surveyed-Bldg
in SE $\frac{1}{4}$ -SW $\frac{1}{4}$ Sec 24
T 134 R 29.

I received a card from Mr
Kutch yesterday, to come
and make survey

Lv Jenkins in my Ford
@ 8-AM. -- Reed drives
alma at Jenkins at home
alone carrying Hi' Bush
Cranberries

John W Curo

(72)

(2)

1905.

50

134.5

Aug 24-1926 Could

Arrive Kretch Sch Hs 8:40
 Reed and I look up $\frac{1}{4}$ Cor
 Bet 24-25-134-29, and wait
 for Crew -- They come and we
 local corner

$\frac{1}{4}$ Bet 24-25-134-29

New BTS. as set by me from
 Old US BTS. Pg 63- This book
 New BTS Set in Nov 23-1919,
 Vj "J.P. 10" N 47° 30' E 41.10 Ft
 JP 10" S 53° 30' E 73.00 "

Set by compass

We find both old BTS plainly
 plainly marked from which we set
 the point by flat chain from face
 of BTS. Run along old fence

West on random but

24th and 25. @ 25 ft in meadow
 300 stake 320 L N-S - 600 stake
 689.7 W Heart of 3" green grass
 stump Hub @ 720 & N-S dir

③ 134-29

73

road - 60 ft S. of creek of main road
Read and I had dinner with

Mrs "Maggie" R.S. Plummer.

PM continue

Worked 24-25-134-29

900-941.30 Hut 1200 stake

1342 & road NE-SW 12 ft

f E-W road

190.50

56

134.50

1200

1234.50

1334.5 Hut

1500 stake

1528.30 Hut

6' N of E-W Road

2100.0

1800 stake wheel track

17.9

1900 stake wheel track

2082.1

2082.10 Hut 8 ft N E-W road

2100 stake

2700.0

22.6

2677.4 Hut

2677.4

on old N-S line run by

"Murphy's men" and 134.8 N of
their old stake 7'

7.1

over Hut 2677.4 is 61.2 ft of

crooked E-W main road

520' 40' W 134.8 T. old stake 7'

For your random road 7' 30"

23-24-25-26-134-29

US Natl call for 8.58

BP 8 N 37 E 13

" 7 North 10 = 6.60

" 8 S 48 W 31 = 20.46

" 6 N 62 3/4 W 49 = 32.34

$$\begin{array}{r} 325.6 \\ 301.3 \\ \hline 626.9 \end{array}$$

$$\begin{array}{r} 231.7 \\ 211.3 \\ \hline 443.0 \end{array}$$

$$\begin{array}{r} 231.7 \\ 41.3 \\ \hline 273.0 \end{array}$$

We do not look for BTS and as it is 4.00 PM - Mr Kretsch does not care to go any further with the survey but ~~we~~ wants to measure

2. acres approximately from our random ? or from the old fence near the sch H_o

We go East

Turn $\frac{1}{4}$ bet 24-25-134-29

Look West on our random as Meridian Old BT.

N $44^{\circ}50'E$

S $54^{\circ}40'E$

old Cor part of fence run by Ralph^o and Kretsch bears

N $1^{\circ}00'E$ $231.7 + 41.3 = 273.0$

Flag 1.20 W of fence bears

N $0^{\circ}30'E$ $231.7 + 211.3 = 443.$

Fence going N comes up with a pt

About 6. NE of my $\frac{1}{4}$ cor

Turn 90° and run N

North 234.7 To Hub 10 ft E + E

of road

Turn 234.7 From N $46^{\circ}W$ and 10 ft E of E road 301.3 Hub in line with N end of Sch H_o

+ 325.6 = 626.9 Hub 2 steps

as of small Box

$\frac{75}{18}$
 $\frac{75}{93}$
 Town 301.3
 NW Cor Sch Ho
 N 44° 30' E 75.10 T. cen
 74.90 To wood
 = 75.00 = NW Cor

75 + 18 = 93 = NE Cor
 Ho 18x35 18x34 No Porch
 SW Cor N 69° E 82.4 T. cen
 Foundation

Boy's Toilet 4x8
 N 30° 10' E 240. W To center of Bldg
 Girl's Toilet 4x8
 N 84° 10' E 200 ft. T. cen

Note

Butterfields line again
 about 15 ft. to of Hub and
 20 ft. to E of main box

We all go to $\frac{1}{4}$ Bet 24-25
 134-29 where we drive an
 Iron Mon 2 $\frac{1}{2}$ x36" pipe
 over the Hub to the TRUE $\frac{1}{4}$

Reed and I run out of gas at
 Peguett - get 2 gals. 52¢ and
 at Jenkins 8 PM. Long day
 Fred and Francis Rush play
 cards till midnight then home

John W. Curis

Aug 25-1926 Wed.

Work all AM on maps and
figures of the 2 acres

Reed and I in my Ford to Jenkins
@ 12-M. noon - eat dinner again
with Mrs Plummer.

PM.

Mr Krech and Mr Butterfield help
me - Reed goes to Bed for IL

T. over Hub 301.3. Chain N 46° W
10. ft out from $\frac{1}{2}$ of road 99.10 ^{Nix}
ft to 400.40 = 410.1 Yix E road
set Hub 400.40 Turn 90° and run

East on True N. line of 2. A.
Sch gds. Mr Plummer comes to Chicago
help us - he is rich 90° in

N 44° E 10 + 404.4 = 414.4 to
NE cor

@ 10 + 23-33 IM 2 1/4 x 36" ^{Nix}
for NW cor Sch gds

@ 99.50 Hub on hill (6 ft = 4 top)

99.5 + 10 = 109.5 Hub 6 ft E of top of hill

414.4
109.5
304.9

Run N 44° E

@ about 250' into meadow NW-SE

@ 414.10 stake in line with old
fence from the south and 5 ft W of
crossed fence

Too much swamp

Changed -

Note: as the NE cor has too
much swamp. Mr. Keck wishes to
give the school district "all good
land" we change the survey

vj

$$\begin{array}{r} 9.7 \\ 36 \\ \hline 610 \end{array}$$

$$\begin{array}{r} 617. \\ 6. \\ \hline 611. \end{array}$$

$$\begin{array}{r} 627 \\ 611 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 16 \\ 617 \end{array}$$

$$\begin{array}{r} 9.7 \\ 36 \\ \hline 61 \end{array}$$

$$\begin{array}{r} 627 \\ 17 \\ \hline 610. \end{array}$$

$$616.$$

$$\begin{array}{r} 9.7 \\ \hline 619.7 \end{array}$$

$$\begin{array}{r} 617.00 \\ 9.70 \\ \hline 107.30 \end{array}$$

$$\begin{array}{r} 617.00 \\ 610 \\ \hline 10.90 \end{array}$$

$$\begin{array}{r} 626.9 \text{ Hol} - \\ 610.9 \\ \hline \end{array}$$

616.0 via 1011 offset

The S 23° W along Bullfield
line (N. side) of this lot
4 ft to Tel. pole.

9.7
36
6.1

610.0
6.1

617.0
6.1

626.9
610.9

610.9 miles

16.0 no of lat

6.1 longer
via 2 miles

Kretsch School
Small Book (17)
Cues

220.77

134.13

278.00
143.87

193.08

71924

77

503538

647456

6977877

6947

77

48679

2373

3837

1461

Colony 46°/N 200/62

9657

2

193.08

71934

46°

71934 x 193.08 = 138.89

2056947 x 193.08 =

Sum 6947 x 200 44°

co 71934 x 200

143.865
134.133
278.001

220.77

sim
err

46° 71934
19308

575472
2158.02

647.406

717.34

138.8901672

19308

6947

135156

138.89

138.94

177.7232

2153772

134.132676

134.13

143.87

143.00

67812) 203436

71934

1x3868

3

67812)

43560
87129
19308
67812

6947

138.94