

T 45 P 29

157

11-12-13-14-45-29

Nokoy Lake School  
Cura 1919-1920

Uoil Lake School

27-34-138-29

Cura 1928

No. 1203



①

Nokay Lake School  
Dist No 31.

T45 R29.

Aug

School Board

E. H. Spohn

Ch.

SENE Sec 15

Res.

SW-SW 1/4 of 5 Bay Lake Twp

Gilbert Johnson. Treas

Brd R2

Chas Klippens Clk. Sec 10 and 11

J H Dickinson R #2. Brd

Livena

His Wife

Dickinson

Heath

19



(2)

Record  
190

165  
83  
248

249.2  
24.6

Sept 1919.  
Gerald R.

11-12-13-14-45-29

find T.M. New BTs ✓

U<sub>2</sub> 9°45'N

15 WP 8°N 7°35'E 146.50

Pro 8 N 61°55'W 123.85

NP 155 59°45'W 571.63

Dead Oak 85 29°47'E 29.53

9°45' Trunk

John W. Cress



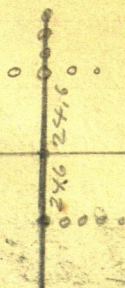
19

3

45-29

11

12



14

13

11-12-13-14-

checked  
Aug 28-1920

New B.T.S. @ 9°45'

- ✓ NP 15" S 59°45' W 57.63
- ✓ NW Corner Post of Heaters fence S 70°40' W 22.95
- ✓ Dead Oak 8 S 29°47' E 29.53
- ✓ WP Stump 15" N 70°35' E 146.50
- ✓ Bosswood 8 N 61°55' W 123.85
- ✓ Fence 8 or 14 3' 15' E 26.30
- ✓ 1 inch iron said to be 3 ft long
- ✓ set in left wheel track.

Run West along main graded road  
 200 foot of hill 600 top 900 road N.E.  
 1200 W. a good road not graded  
 runs north and in the poor road  
 S.E.  
 @ 1337.4 fence runs S.  
 1365.5 nail in road. ✓



4

45-29

19



1500 - 1800 match in road

2072.8 ~~2100~~ SW2077.40 spike in line with road  
running SW

2100 match in road

2280.3 in line with school fence  
leading SW

2400 match in road

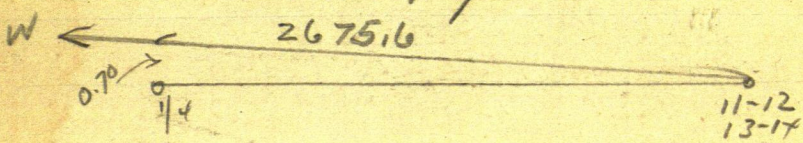
2469 spike Hat Road bears NW

2506.1. Cen of fence post lies  
South. 0.90 ft of a foot

@ 2400 + 275.6 =

2675.6 Th  $\frac{1}{4}$  Cen sets

South. 90 ft of a foot



Correcting

2675.6 W goes S	0.90
2506.1 " " S	0.95
2469.0 " " S	0.83
2077.4 " " S	0.80
1365.5 " " S	0.46
1337.4 " " S	0.45



19

5

$$\begin{array}{r} 2469.0 \\ 722 \\ \hline 2396.7 \end{array}$$

$$\begin{array}{r} 26756 \\ 2506.1 \\ \hline 169.5 \end{array}$$

$$\begin{array}{r} 1000336 \\ 02675 \overline{) 9000} \\ \underline{8025} \\ 9750 \\ \underline{8025} \\ 17250 \\ \underline{16050} \\ 1200 \end{array}$$

$$\begin{array}{r} 336 \\ 25 \\ \hline 1680 \\ 672 \\ \hline 840 \end{array}$$

$$\begin{array}{r} 208 \\ 336 \\ \hline 1248 \\ 624 \\ \hline 624 \\ \hline 79888 \end{array}$$

$$\begin{array}{r} 336 \\ 247 \\ \hline 2352 \\ 1344 \\ \hline 672 \\ \hline 82992 \end{array}$$

$$\begin{array}{r} 1366 \\ 306 \\ \hline 8196 \\ 4098 \\ \hline 499956 \end{array}$$

$$\begin{array}{r} 134 \\ 33 \end{array}$$

$$\begin{array}{r} 134 \\ 336 \\ \hline 804 \quad 2 \\ 402 \\ 402 \\ \hline 45024 \\ 10890 \end{array}$$

$$\begin{array}{r} 1366 \\ 336 \\ \hline 8196 \\ 4098 \\ \hline 4098 \\ \hline 458976 \end{array}$$

$$\begin{array}{r} 443560 \\ 4 \\ \hline 35 \\ 32 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 2675.6 \\ 2396.7 \\ \hline 278.9 \\ 1.1390 \\ 4 \\ \hline 45560 \end{array}$$

$$\begin{array}{r} 1139 \\ 4 \overline{) 45560} \end{array}$$

$$4) 43560$$

$$\begin{array}{r} 10890 \\ 4 \\ \hline 43560 \end{array}$$

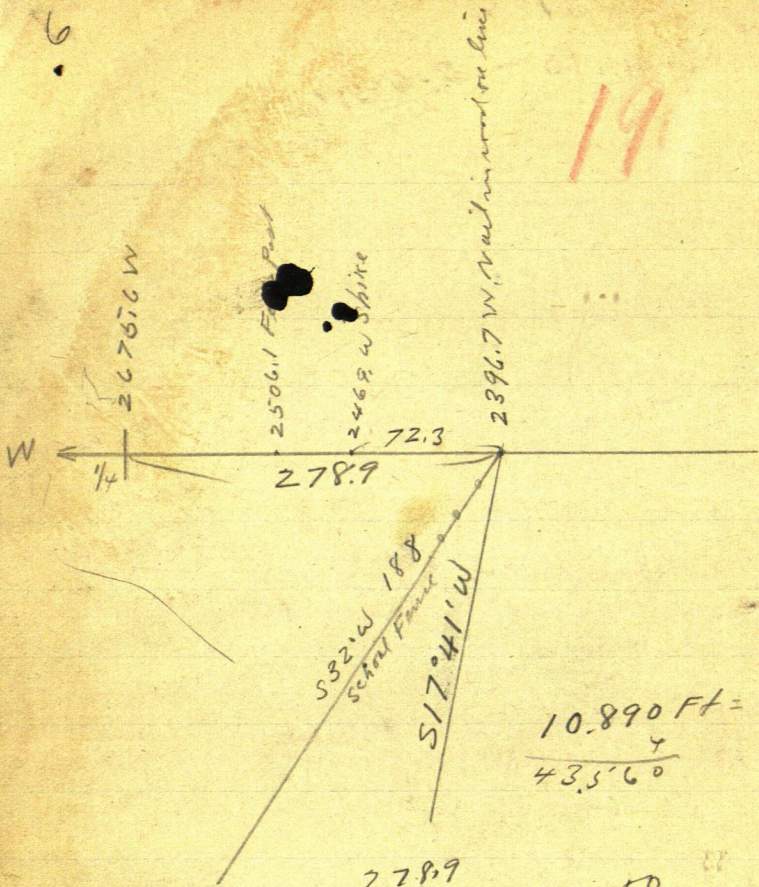
10.890  $\frac{1}{4}$  =  
 $\frac{1}{4}$  000

$$\begin{array}{r} 165 \\ 165 \\ \hline 825 \\ 990 \\ \hline 165 \\ \hline 272.25 \\ 16 \\ \hline 1633500 \\ 27225 \\ \hline 43560 \end{array}$$



6

19



$$10.890 \text{ Ft} = \frac{1}{4} \text{ acre}$$

$$\frac{43.560}{4}$$

$$\begin{array}{r} 116 \\ 57 \\ \hline 173 \end{array}$$

$$\begin{array}{r} 278.9 \\ 110 \\ \hline 168.9 \end{array}$$

$$\begin{array}{r} 50 \\ 66 \\ \hline 116 \end{array}$$

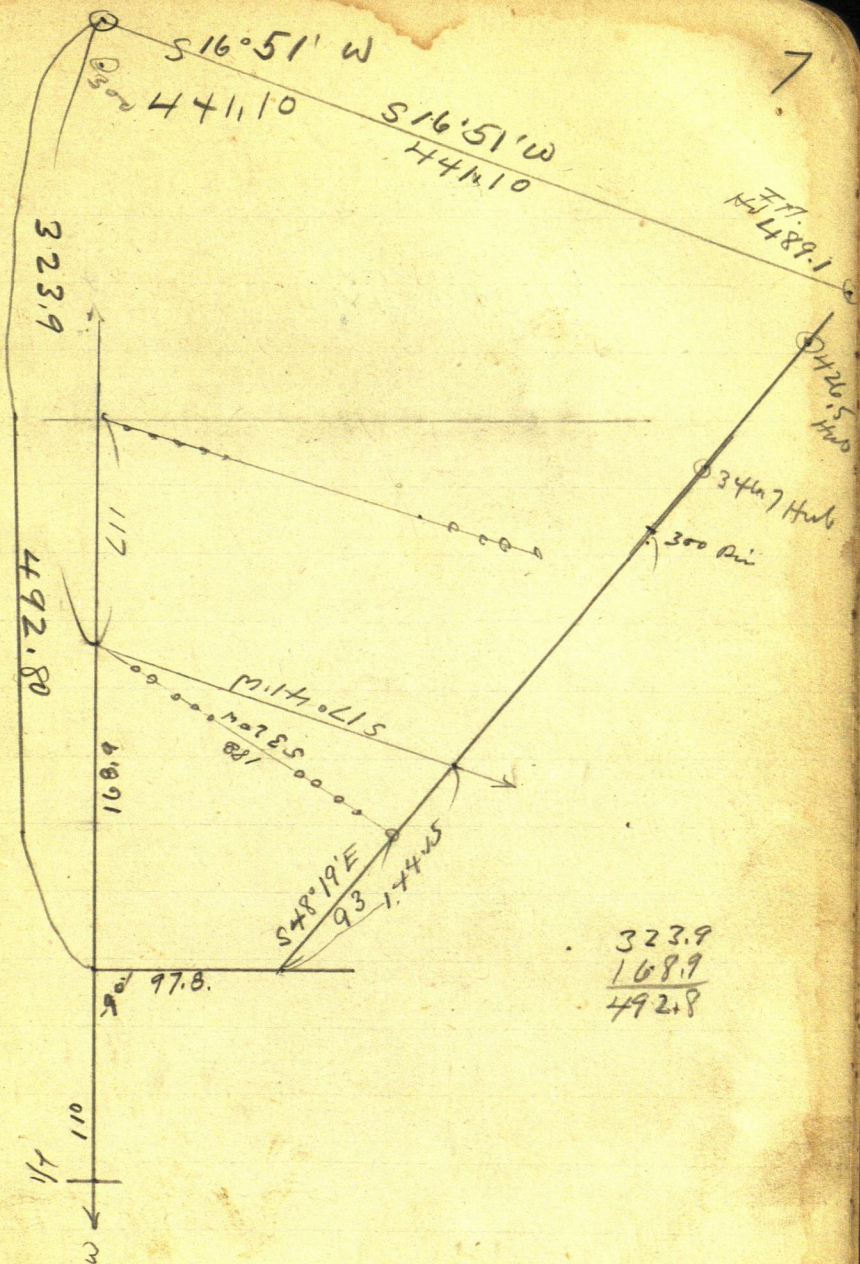
$$\begin{array}{r} 33 \\ 24 \\ \hline 57 \end{array}$$

$$\begin{array}{r} 173 \\ 109 \\ \hline 64 \end{array}$$

$$\begin{array}{r} 17300 \\ 317300 \\ \hline 529002626 \end{array}$$

(2)







8

19.

BTS @ NE Cor Sch Gds

Pop 7N 49°30'E 47.8

" 7N 26°20'W 48.0



19

45-29 Aug 28-1920

New BTS Pop 7N 49°30'E 47.8  
 " 7N 26°20'W 48.0 FT  
 @ 9.45' Vn

Turned from  
 See Line

S 16°51'W  
 441.10

TM 4891  
 SE 1'684 1/2

426.5  
 1406

346.7 1/2

144.15 1/2

93-old Fence on  
 on both Gds

97.8

East  
 Sec Line

492.8

117

Original  
 Sch Gds  
 sold to be  
 1/2 acre

W 110  
 1/4  
 114

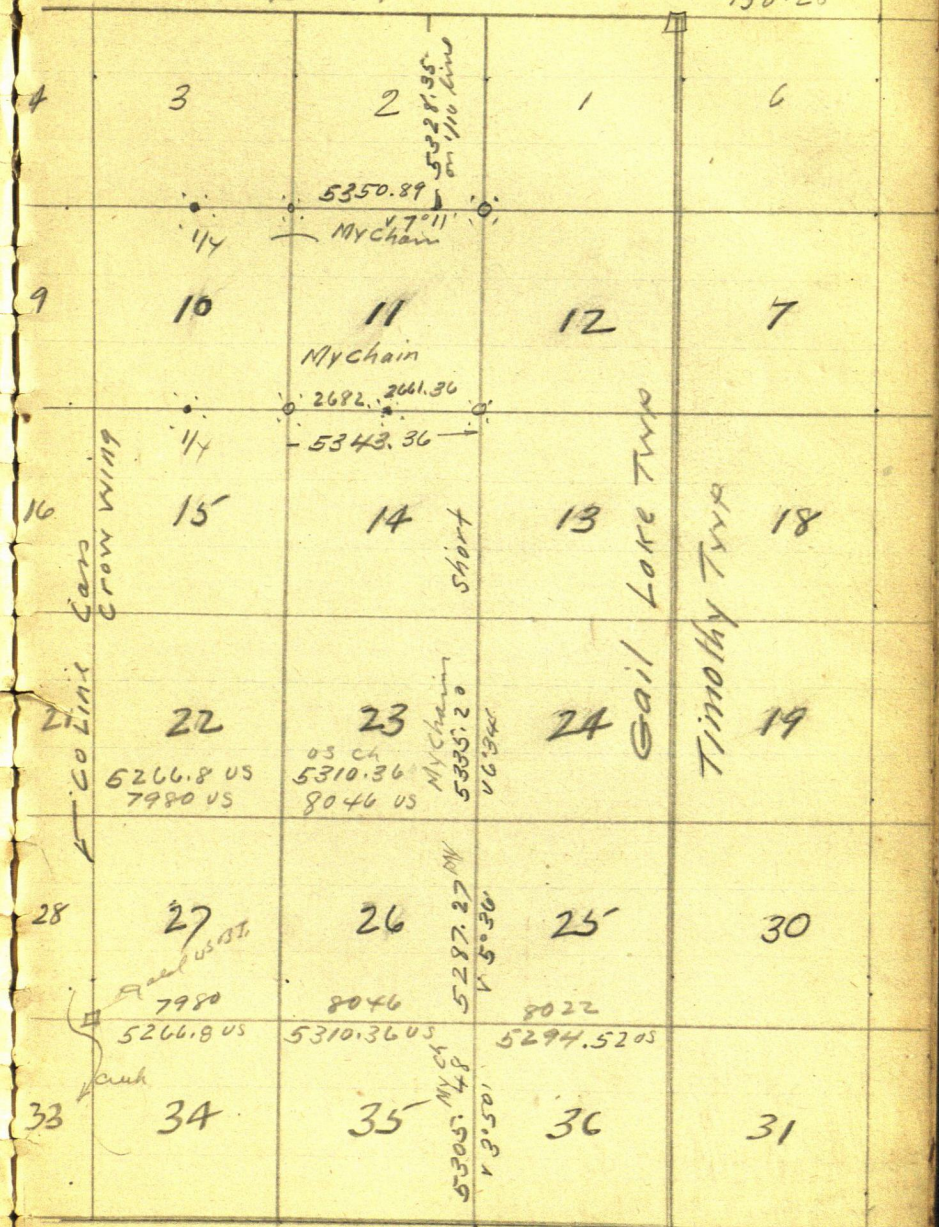
John W. Cress



" " D 138-29  
Sail Lake Trip  
Note "Sail" Lake-

138-29

138-28





(12)

② 138-29  
Gail Lake Twp

October 7-1928 Sunday

I am to survey a road bet sec  
27 and 34 - 138-29

Alma - Reed and I in my Ford  
PM

At Jenkins and drive to his of  
Ralph Duncan - also Fred Hundley  
we arrange to start tomorrow

October 8-1928 Monday

Reed goes to school

8-20 AM I and my Ford  
to Jenkins drive to old House  
near 1/4 Co Bet 27-28 - 138-29

Find Duncan and his Ford  
Sedan with Fred

All walk half a mile so in  
wet creek Bed.  
a. Co

27-28-33-34-139-28 US Natl  
call for

Dead W.P.  $12 N 55^{\circ} E 75 = 49.50$  OK

Ash  $8 S 32^{\circ} E 41 = 27.06$  good

Lind  $12 (or 17) N 26 W 59 = 38.94$  good  
no other near

Note: I once found this corner  
when I surveyed the 5 miles of co line  
for the Court Judicial Road  
almost 20 years ago



Oct 8-1928 Continued

at which time I found the old  
WP - on the stump and maybe some  
of the others. I do not have any  
old notes but will look them up  
with Club of Court either at  
Walker or Diamond and my old  
field book must be at Walker  
in office of Co. Surveyor

To day we find an old  $3 \times 3 \times 36$ "  
oak stake under old N-S fence  
2 1/2 ft N of corner of fence running  
East

This stake was not made by me  
I know on account of  
poorly sharpened point but its  
checks perfect with stump  
of old WP stump not marked  
and as this is the only stump  
any reasonable place here I  
believe the stake was set at my old  
corner but  
old stump checks perfect for  
course @ about  $60^\circ$  which was  
about what we run line on N-S  
at that time

anyhow

I call this stake OK. for now

and mark  
New BTS vj  $80^\circ$  on

Old WP BT stump  $N56^\circ E 49.50$  to  
heart of stump

Pap 14 N  $43^\circ 45' E 109.00$

Pap. 8 N  $13^\circ 30' W 63.40$

Creek & Hurick - Swift Current

Along bottom - in marsh lies

west 75 feet

JP Stump  $S74^\circ 20' W 122.15$

Pap. 15 S  $61^\circ 15' E 99.00$

to spot at base of all  $V \approx 8^\circ$



✓ ④ 138-29 <sup>Quail</sup>  
14 Oct 8-1928 continued <sup>Lake</sup>  
<sup>Trip</sup>

Fred Hundley goes for more  
logs and stays all night.

Ralph and I cut brush till noon  
and look for old BTS.

all others seem to be gone

We cook our lunch and eat near

small creek - Fred comes and eats  
also brings Sam Harpham with him

PM

Fred Hundley and Sam Harpham  
help me while Duncan and  
his car goes to Ben Fordyce place  
for Iron Monument. Fred

and  
we lay out point for I m S.  
Duncan returns @ 3-PM and  
brings two I m S on his back  
parked in our half a mile on  
27-28-33-34 -139-28 m

Work on random bet 27-34

138-29 ✓ 8'

@ 100 Ls creek bottom

All stakes set on line with  
transit -- random line

300 stakes + 134.8 = 434.80 Hub

600-900-1200 Ls @ 6-PM

Home to Jenkins 7-PM.

= 12 Hours

Car 20 miles @ 10¢ = \$2.00



16

6

138-29

Gail Lake Turp

Oct 9 1928 Tues

8-10 am L. Jenkins at old House  
 @ 8-30 - write notes to Duncan and  
 his sedan arrives with

and more I m s -

Pack 4 I m s and our lunch so  
 Continue East

East bet 27-34 - 139-28

1200 - stake on line 1320 Hub Turp  
 W  $\frac{1}{16}$  1500-1800-2100-2400 stakes  
 on line

is already here cutting brush

10-30 Starts to rain  
 we get under Hay stack and wait half  
 an hour and decide to wait to

Rain stops and we eat dinner with  
 Mr and Mrs Sam Harpham

Continue East bet 27-34

24 27.3 Hub from which an old stake  
 bears S  $47^{\circ}$  E 97 feet V reads 8.40  
 2640 Hub Turp

 $\frac{1}{4}$  Cor Bit 27-34

138-29 US rails call for

Oak 8 N  $30^{\circ}$  W 9 = gone

Line 145 52 W 20 =

@ 2700 stake on line 2770 enter wet  
 meadow N  $30^{\circ}$  E S 30 W

3000 stake on line in wet meadow  
 mowed with mower 3230 L V N E-SW

3300 stake on line + 232.3 =

3532.3 Hub in clover field V reads  
 80



Oct 9-1928 Continued <sup>D</sup>

17

3600-3900 stake on line set  
with line in E. N. E. open Tarn Scops  
N-S-3960 Stake hub Temp E 1/4  
3966 E Corner Post of Fence E-S-VV  
Set south 12 feet

4200 stake in Linn swamp  
L & T out

Set Hub East and quit for  
mile - late walk 1 mile west  
and 1/2 mile north to our two  
cars - a 8-1500m dark.

Sawn walks home  
Fred Hundley rides home with  
Ralph Duncan and his  
Ford sedan.

I and my Ford go home to  
Jenkins alone

I drive to Ackerman's then  
2 miles East to SW Cor 35-  
138-29 to ask Frank White  
who surveyed Sec 34 for  
Spurrier Co.



18

8

138-29

Oct 9 1928 continued Gail Lk Tent  
Frank White Says - Viz

Note:- I am anxious to know if  
the NECor of Sec 34-138-29  
is correct at the fence corner @

26-27-34-35-138-29

I question Frank White closely to find  
out just how this corner was set

1<sup>st</sup> The Spurrier Co of Pine River  
owned Sec 34 and had it

all surveyed about 15 years ago

A Mr Johnson now owns the

NE  $\frac{1}{4}$  more or less

John Kulla has just moved into  
the Johnson house

2<sup>nd</sup> Spurrier Co hired a surveyor  
to survey the section

3<sup>rd</sup> Frank White says he worked  
with the surveyor 3 weeks or more  
in survey of this one section

Says he cannot remember surveyor's  
name but he was a stranger here  
- "a little black dog?" who  
brogged about quarantining his  
work as correct &c

White says Fred Rusher Bert  
Wideman may remember

The "Dog" was assisted by  
Frank White also Ole Hoggards  
Boy

Bert McCoy who was the Boss  
and who now is a Barber who



Oct 9-1928 continued  
 probably lives near Crosby and  
 corner every Saturday mile 1-  
 Tronmald Minn  
 Note: I may question McCoy  
 and Hoggard.

Frank White says:  
 SECOR Sec 34 = SWCOR 35-  
 138-29 corner in E of E & W  
 graded county road and that  
 C. Surveys Garrison once set  
 this corner from old US BT  
 stumps of which is still there  
 Garrison set this SECOR 34  
 in presence of Ned Bowman  
 and <sup>rather</sup> that he - Frank White with his  
 Brother drove down an  
 old sled shoe at the line corner  
 White showed Spurrier's  
 surveyor the sled shoe from which  
 he ran a mile North and Mr  
 White built a good fence on line  
 bet 34-35-138-29 which fence  
 is still there

Later Mr White tried to dig up  
 the sled shoe to show Mr  
 Heath --- Road Born for the  
 purpose of building a road south  
 but the sled shoe was gone  
 Heath built his road from <sup>50</sup> ft  
 line with the fence running north  
 and that the cor is 32 ft S of cor  
 part of fence and in E of road  
 E - S & W



20 Oct 9-1928 Continued Gail Lake Twp

Mr White says

Spurrer's Surveyor Begun at

SW Cor 34-138-29 = I m

established by someone and run

North a mile along old stake

and marks to a good HX4

post at cor to

27-28-33-34-138-29

Mr White - that the stake was set by

Former Co Surveyor Garrison

but since I have just told him

that John W. Curo -- myself

set a post there Mr White

thinks it was my post

Anyhow

Spurrer's surveyor ran

East bet 27 and 34 and

another mile East to

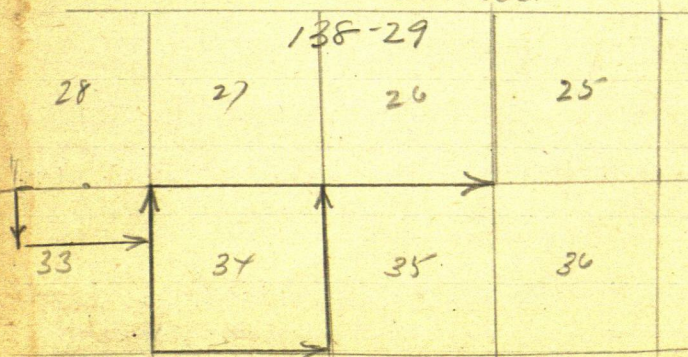
but did not run north and

probably did not find US 1375

at Cor 26-27-34-35

→ = line run by Spurrer's surveyor

according to Frank White



Home @ 8:10

John W. Curo

out 12 hours  
2 off for rain & driving Bel 10 hours



October 9-1928 continued  
Goil Lake Trip  
East 3 miles of T138-29

Ralph Duncan Chairman

Fred Hundley Trustee

Henry Jokla Trustee

Leon Gloyer Clerk

Chas Erickson Treasurer

Voted \$500. in 1928



22

12 138-29  
Gail Lake Twp

8-29  
Gail Lake Temp

October 9-1928 Continued

When I get home @ 8-10 p.m.

eat supper and write notes

2 Hours Total about 12 Hours  
service I set down 10 Hours  
only have 4 work 8 hours

service I set down 10 Hours

only have to work 8 hours

Oct 1928	SUN	7.	8.	9	10	11	12	13	14	SUN
Board With Mrs Sam Harpham										
John W Euro	0	-	D	D	D	-				
Ralph Deanean	0	-	D	-	-	-				
Fred	0	-	D	-	-	-				
Harndley	0	-	-	-	D	-				
Henny	0	-	-	-	-	-				
John Lu	0	-								

6 miles @ 35¢  
\$2.10

With Florence & Harry Sokla

[illegible]







24

14

138-29

Gail Lake Twp

Oct 10-1928 Wed

US Field NotesTranscripts 138-29North Bet 34-35  $\vee 6^{\circ} 25' E$ 40 =  $\frac{1}{4}$  WP 3S 68W 66 =  
YP 9S 47E 31 =

8000 Cor 26-27-34-35

Bl ash 8 N 45E 98 =

" " 8 N 55W 63 =

" " 8 S 56E 72 = 47.52

" " 3 S 28W 40 =

East bet 26 and 35  $\vee 10^{\circ} 10' E$ 

8046 Cor

West on line line

4023. Set  $\frac{1}{4}$  Cor (Bet 26-35)

Sugar 6S 58E 19 =

Oak 5N 63W 9 =

North Bet 26-27 - 138-29  $\vee 8^{\circ} 05'$ 40.00 Set  $\frac{1}{4}$  Cor

Tarn 8 S 56W 14

Oak 12 S 76E 28

8000 Cor 22-23-26-27

Oak 12 N 31E 14

" 12 N 59W 15

spruce 18 S 33E 25

Oak 15 S 43W 35

East random Bet 23-26  $\vee 10^{\circ} 15'$ 

8060 Cor

West on line line

40.30 Set  $\frac{1}{4}$  Cor Bet 23-26 (138-29)

Ironwood 7N 26W 18

spruce 18 S 3W 29



✓ (15) US Notes

North Bet 22-23 - Var 138-29 25

4000 Set  $\frac{1}{4}$  Cor  
Aspen 10S 89°W 50 LKs  
V.Pine 36N 87E 29 "

8000 Cor 14-15-22-23 - in marsh  
NP 14 N 87W 635 =  
" 16 S 8W 640 =

Only two

x x x x

North Bet 33-34 - 138-29 V 6'35'

4000 Set  $\frac{1}{4}$  Cor

Dead Oak 6N 33°W 79

Elm 9N 23E 49 =

7150 Brook runs West

7900 Same Brook runs East

8000 Cor 27-28-33-34

Dead WP 12N 55E 75 = (49.50 ft)

ash 8S 32E 41

Lind 12N 26W 59

no other near

East random Bet 27-34 V 10'20'

7980 Cor

West on line line

39.90 Set  $\frac{1}{4}$  Cor (Bet 27-34-138-29)

Oak 8N 30W 9

Lind 14S 52W 26

7980 Cor

North Bet 27-28 V 8'45'

4000 Set  $\frac{1}{4}$  Cor

Tam 8 N 35W 34

no other near



US Nails 138-29

8000 Cor to 21-22-27-28-138-29

WB 6N 49E 9

WP 6S 25E 55

Lind 6N 43 1/2 W 65

no other

East random bet 22-27  $\vee$  10° 15' E

8045 Cor

Weston line in

40 22 1/2 set 1/4 Bet (22-27)

Dead Tam 10N 13W 77

No other near

North Bet 21-22- $\vee$  10° 05' E

4000 set 1/4 Cor

NP 14 N 7W 780

No other near

8000 Cor 15-16-21-22

BR 6N 69E 51

" 4N 67W 106

" 5S 48E 9

" 4S 25W 7

5266.8	8046
5239.8	48276
Short 27.0	48276
	5310.36

4) 5239.8

130

131°

5240

1310

1274

36

52

5240

3966

1274

7980
47880
47680
5266.80
5240
3966
1274



October 10-1928 Continued

Lv Jenkins in my Ford 8-am  
 drop Reed off at school house  
 Drive to field house near  
 1/4 bet  
 and find no crew

Walk half a mile so then 0 mile  
 East and @ 9.00 find

Sam Harpham waiting  
 Natl: Glover and John should have  
 been here

Sam and I continued 138-29

East on random bet 27-34  
 4200 E find stake in swamp

4275 L swamp NW 8

4500 stake

4500 - 4800

4803.70 E Hub under T

5100 stake on line + 139.8 =

5239.8 E Cor port of fence 139.8  
 lies south 18.2 feet

Natl: Fence runs S and W and  
 Cor port is out and leans SW  
 I set stake at I.P. of straight  
 fence intersection.

26-27-34-35- 138-29

US Nails call for See Page 24

Black Ash 8 N 45 E 98 = 64.68 Ft

" " 8 N 55 W 63 = 41.58 "

" " 8 S 56 E 72 = 47.52

" " 3 S 28 W 40 = 26.40



28

138-29  
18. Gail Lake Tent

October 10 - 1928 Continued

Ralph Duncan and Henry  
Juhla arrive about 11-am and we  
all look for old US B T S -

Henry and Ralph bring their  
lunch and eat it here.

My lunch is so far West I  
go home with Sam for dinner  
again.

P.M.

all list out old oak stumps  
Henry and Ralph have found  
an old stake  $3 \times 3 \times 36$ " with a  
figure "35" cut with a knife  
which shows dimly.

This stake sets about 33 ft E  
and 3 ft N of fence corner but  
no stumps seem to check.

We start - walk 20 along  
fence 80 rods and the fence  
seems to continue the whole  
mile South on a straight  
line.

It is possible the fence  
builder followed the  
Surveyor's random line  
or it may be set 33 ft west  
a mile so. we will see later.



Oct 10-1928 Contd (19)

29

	4 5240	3966
98	1310	3930
588		36
588	3930	
64.68		63
	72	378
	432	378
	432	41.58
	47.52	66

We decide to walk  
back and

Continue our transit line  
East Bet 26-35-138-29

Tower Hut 5239.8 E  
stake @ fence. Cor bear

S 4°20'W 18.2 feet

and 3x3x36 oak stake,  
bear S 62°30' E 36.00 ft

Looking to 80 rods along  
E of line to top of raise run  
S 4°05'W

Continue E Charming from  
stake 5100 + 180 = 5280

5400-5700 E stake on line  
with transit  
10 rods 8°E

Pack Transit West to Hut  
4803.7 E and set tra. Hut about  
80 rods East Henry setting  
double center Huts. P.B.C.  
Sun returns with some water  
at 3-45 PM.



30. 138-29

Gail Lake Trip

(20)

$$\begin{array}{r} 1.5 \\ 5.0 \\ 1.5 \\ 1.0 \\ \hline 9.0 \times 2 = \end{array}$$
~~2150.42 cubic miles~~~~= 1 Bushel of water~~~~of the world.~~~~1. Panama~~

$$\begin{array}{r} 144 \\ 12 \\ \hline 288 \end{array}$$
~~2. Kaiser Wilhelm~~~~3. Suez~~

$$\begin{array}{r} 288 \\ 144 \\ \hline 432 \end{array}$$
~~4. Manchester~~~~5. Grand Canal of China (800)~~
~~canal from bay of~~  
~~Biscay to Mediterranean~~  
~~canal (148)~~

138-291

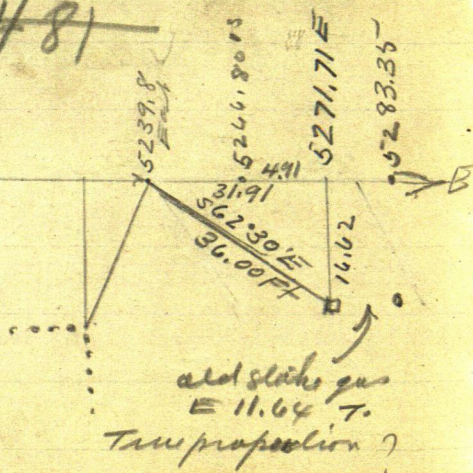
28-27

34-35

62°30'

sin 88701 x 36 = 31.91

cos 46175 x 36 = 16.62

and slide gas  
E 11.64 T.

Tan proportion?



(21)

October 10-1928 Continued 31

 $5700 + 300 = 6000$  E slakon line  $+ 104 = 6104$ , Hub  $18^{\circ}20'$  $6300 - 6600$  E slak on line

6765.6 Hub 6900 slak

all walk 2 miles west and  
north to our car

Nat: Henry Johla brot his car

We are to meet in the morning  
at Ralph Duncan's and  
then drive to our survey line  
from there.at car 6-50 - I get home  
to Jenkins 7-10 Total drive  
for Ford = 18 miles @  $10^{\circ} = 180$   
gal in 11 Hours 10 minutes

but call it a day

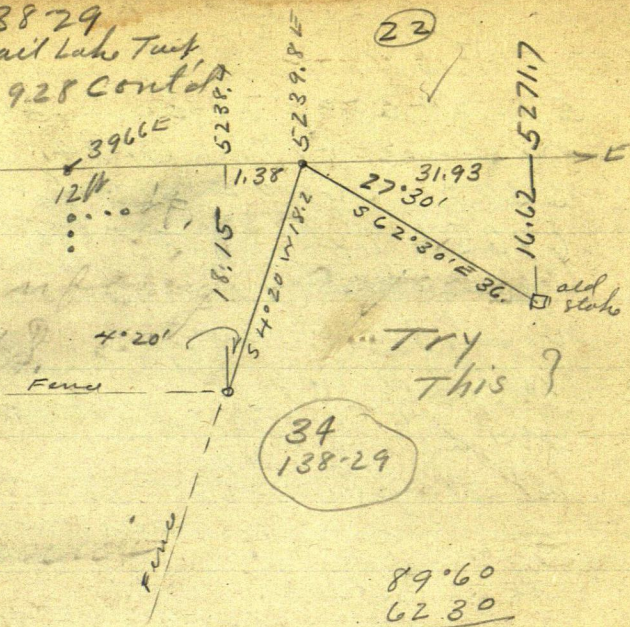
will figure an hour or so

Ryan and two men call  
looking for Fir FarmAlma and Reed go to prayer  
meeting at road Ritchie's



138-29  
32 Gail Lake Twp  
Oct 10-1928 Cont'd

28 27  
33.34

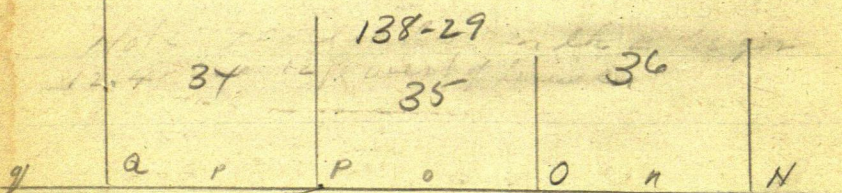


$$\begin{aligned} & \sin 0756 \times 18.2 = \\ & \cos 99714 \times 18.2 \end{aligned}$$

At 5238.4 E Fence Cor sets S 18.15

$$\begin{aligned} & \sin 4617 \times 36 = 16.625 \\ & \cos 88701 \times 36 = 31.93 \end{aligned}$$

At 5271.7 E - old stake sets so 16.62



US Notes

$$\begin{aligned} & \text{VP 9 N 15 W 12} = 7.92 \\ & \text{WP 15 N 62 E 20} = 13.20 \\ & \text{VP 8 S 78 E 24} = 15.84 \\ & \text{SPRUC 12 S 58 W 43} = 28.38 \end{aligned}$$



Oct 10 - 1928 cont'd

33

99714) 18.2000 18.25

$$\begin{array}{r}
 24 \\
 66 \\
 \hline
 144 \quad 2 \\
 144 \\
 \hline
 1584
 \end{array}
 \quad
 \begin{array}{r}
 99714 \\
 822860. \quad (23) \quad 1825 \\
 797712 \\
 \hline
 251480. \\
 199428 \\
 \hline
 520620
 \end{array}
 \quad
 \begin{array}{r}
 1825 \\
 756 \\
 \hline
 10950 \\
 9125 \\
 \hline
 12775 \\
 1379700
 \end{array}
 \quad
 \begin{array}{r}
 12 \\
 72 \\
 72 \\
 72
 \end{array}$$

$$\begin{array}{r}
 7.56 \text{ in } 100 \\
 3.78 \text{ in } 50 \\
 1.89 \text{ in } 25
 \end{array}
 \quad
 \begin{array}{r}
 5239.8 \\
 14 \\
 \hline
 5238.4
 \end{array}
 \quad
 \begin{array}{r}
 182 \\
 756 \\
 \hline
 182
 \end{array}$$

$$\begin{array}{r}
 88701) 360000 \\
 354804 \\
 \hline
 5239.8 \\
 31.9 \\
 \hline
 5271.7
 \end{array}
 \quad
 \begin{array}{r}
 99714 \\
 182 \\
 \hline
 199428 \\
 797712 \\
 \hline
 99714 \\
 18147948
 \end{array}
 \quad
 \begin{array}{r}
 24 \\
 1512 \\
 6048 \\
 756 \\
 \hline
 137592
 \end{array}$$

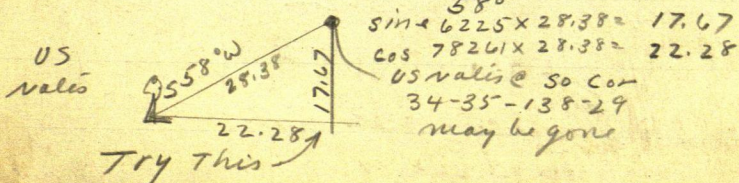
$$\begin{array}{r}
 5272 \\
 1318 \\
 \hline
 5272
 \end{array}
 \quad
 \begin{array}{r}
 1318 \\
 3 \\
 \hline
 3954
 \end{array}
 \quad
 \begin{array}{r}
 88701 \\
 36
 \end{array}$$

$$\begin{array}{r}
 5239.8 \\
 31.9 \\
 \hline
 5271.7
 \end{array}
 \quad
 \begin{array}{r}
 5272 \\
 1318 \\
 \hline
 3954
 \end{array}
 \quad
 \begin{array}{r}
 532206 \\
 266103 \\
 \hline
 3193236
 \end{array}$$

$$\begin{array}{r}
 3966 \\
 8957 \\
 \hline
 1248
 \end{array}
 \quad
 \begin{array}{r}
 12 \\
 3966 \\
 3957 \\
 \hline
 12
 \end{array}
 \quad
 \begin{array}{r}
 1816 \\
 908 \\
 454 \\
 \hline
 13.62
 \end{array}$$

Reed's Lesson viz

2150.42 Cubic inches = 1 Bushel





34

(24)

138-29

Gail Lake Turp

8100.00

2.40

8097.60

6,

~~1 fast about~~

Reeds Lemon

12x12=

144

12

288

174

1728 inches

~~1. sheffield~~~~2. mesca~~~~3. Trinidad~~~~4. hongkong~~ no foot~~5. melborne~~ 2150.42

1 cubic inches = 1. Bushel

1728) 2150.42 1.24

1728

422.4

3456

76.82

6912

770

1 foot = 8/10 of a bushel

1 Bu = 1.4 ft

~~31 ch of numbers~~



Oct 11-1928 Thursday

8 am L. Jenkins in my Ford - drops Red off near school and Leon Almeda at Trinity inn. Drive to Ralph Duncan res where I find Henry Jahla and his Ford waiting. Ralph cannot go and we try to get a crew. I drive Henry to Leon Glover res - (Town Clerk)

Leon cannot go -- his mother Mrs Henry Glover - Shepard shows us 2265 pounds of clover seed raised on 30 acres worth 22¢ 7.30 ¢ a pound

Leon sends us to get Glen Glover but Glen refuses to go. Does not like the present Town Board because they did not appoint him assessor this year.

Jahla and I drive back to Fred Hundley res where Fred hands me my section corner monument punches (markers) and we drive on to Duncans where ~~the~~ Jahla recovers his Ford and follows me to the Frank White Corner  
SW Cor 35-138-29



36

26

138-29

Gail Lake Trip

Oct 11-1928 continued

8.

~~4 factors that influence  
climate~~

~~Mts~~

~~Ocean currents~~

~~Wind~~

5271.8  
5266.8  
5.0

At the White Corner being  
SWC or 35-138-29  
we find that the spur  
or Jackson fence runs  
north from a point 33 feet  
west of E of new road running  
So --

Nels! Frank White told me on  
the 9th inst. that the E of the  
road south was an exact  
see line -- and I guess it is

Jakle and I in bath car  
dinner to SE Cor 35 then  
North on graded road  
"Fuller road" to Fuller's house  
(unoccupied) where we leave  
our car and walk  $\frac{3}{4}$  mile W  
west where we @ 10-20 am and  
find Sam cutting line East



Oct 11-1928 continues

~~I transcontinental rail  
road & its terminals~~

From stake 6900 E Contine  
East on random cut  
24 and 35-138-29

7200-7500-7800 stakes on  
line

11.00 AM Sam walks home so  
as to have his wife get dinner  
for Henry Juhla and I.

11-30 AM Henry & I go and  
eat dinner with Mr & Mrs  
Humphreys  
PM

Sam-Henry and I continue

East  $7800 + 300 = 8100$

stake - 2,00 =

8097.6 Hub  $\vee 9'15''$

8100 stake

8400-8700 stakes on line

9000-9300-stakes on line

9600 stakes on line in by cut  
logs now when they cross

9623.8 Birch Hub  $2 \times 12$

colder w wind  $\vee 8'15''$



38

(28)

138-29

Gail Lake Trap

Oct 11-1928 continued

Crown Wing Co

9900

3

10200

10.

~~Where & what are,~~

- ~~1. Tunga~~
- ~~2. peat Ireland~~
- ~~3. stepper Russia~~
- ~~4. Lamin Llamas~~
- 5.

$$9600 + 300 = 9900 - 10200$$

$$10500 \text{ alt} + 121 =$$

$$\begin{array}{r} 121 \\ 10621 \text{ Hat} \end{array}$$

set 1x15" dry pap Hat

BTS vey

Shell of 24" WP slump

~ 15° 10' E 47.30

10 Pap N 56° 25' W 61.80

12" Pap S 88° 25' W 119.3

Read Pap slump 3 ft Ht 7"

S 34° W 10.60



Oct 11-1928

continued

111  
 When are they produced.

1. rubber Brazil
2. pearls
3. opium China
4. camphor Japan
5. ald See on part
6. 4x4
- 7.

S 5°30'W 110.80

almost dark 525 m.  
 How to check the alt  
 stat

Pop 5S about 20°W 4.5 ft

spatted

Pop 8 ft 5 n about 20°W 5.20

" " " " 10°W 12.

Pop 12 ft 6

S about 30 E 40.



40

(30)

138-29

Sail Lake Twp

October 11-1928

continued

Too dark to see @ 6-10 PM

Sam Haptham walks home  
in the dark. Johla and his  
Ford. - I and my Ford  
go home

Survey adjourned until the  
rest of the town board can be  
with us

John W. Curo  
Surveyor.

Trindle's sale



(31)

41

October 12-1928

Friday:

Cold-rained last night and  
still light cold rain

Wind from the North.

I take Reed to school all AM  
at home

PM

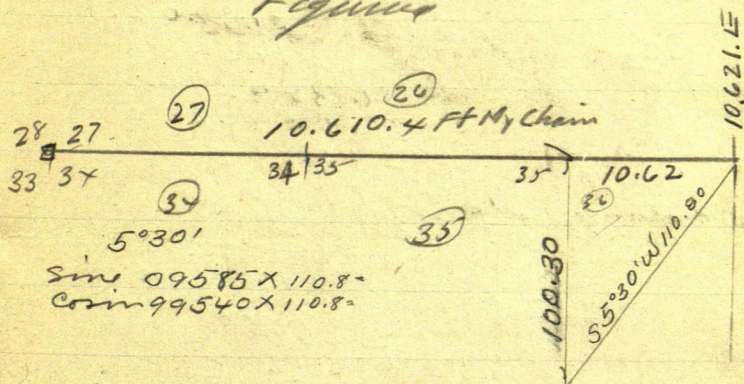
cut cedar wood and in office

Figure Corrections

Mattie Curo got home from  
Main last evening

Doris met her in Railroad.

Figure



See Plat Pg 11.

$$\begin{array}{r}
 5310.36 \text{ US} \\
 5266.80 \text{ US} \\
 \hline
 10610.40 \text{ MY} \\
 10577.16 \text{ MW} \\
 \hline
 33.24 \text{ Long}
 \end{array}$$

.002

$$\begin{array}{r}
 10.577.16 \text{ US} \\
 33.24000 \\
 \hline
 2115432 \\
 \hline
 1209568
 \end{array}$$

$$10.577.16 \text{ US} \text{ ) } 33.24 \text{ (} = .00314262 \text{ E}$$

$$10.577.16 \times 314262 = 33.24 \text{ E}$$

$$5.266.80 \times 314262 = 16.55 \text{ E}$$



42

(32)

138-29

dail Lake

Oct 12-1928 cont'd

~~10 577.16~~ 33.24

.00314262 E

10.577.16) 33.24000

For each foot E

3173148

1508520

10 57716

4508040

4230864

5266.80

1655

5283.35

2771.760

2115432

6563280

6346296

2169840

5310.36

1669

5327.05

8022

48132

48132

529452

8046

66

10577.16

314262

2115432

6346296

2115432

4230864

1057716

3173148

332399945592

526680

314262

1053360

3160080

1053360

2106720

526680

1580040

16551451016

Guess I will use the Spurrer stake  
as cor. to 26-27-34-35-13829 cur



Oct 13-14-1928 Reed and I at Pillager  
 on Patton survey.  
 Oct 15-Monday alone & I at Pig Lk  
 Ramaley. & Lou Johnson.  
 Oct 16-17-18-1928 at Jenkins

October 19-1928 Friday

After searching my old Field Books  
 146-203-205-206-214-157  
 and many more  
 I find

25-26-35-36-138-29

Page 150-151 Book 203 says in part:

"US Natic call for Aug 28-1917  
 WP 20 S 44° W 118 = 77.88 Ft - Down  
 Tam 7 S 74 E 22 = 14.52 - shell of stump  
 " 9 N 5 E 45 = 29.70 - up water

We find all 3 old BT. Stumps OK for  
 distance etc. old dead Pine tree  
 is down etc.

NEW BTS

Page 7 N 21° 30' W 36.70

" 6 N 54° 20' E 56.10

" 5 S 24° 40' E 10.78

" 5 S 23° 00' W 4.50 OK.

See Page 151-Book 203

John W. Curo



Oct 19-1928 continued

P.M. Natl. Hickman is  
to be hanged or was to be hanged  
about 10-am today but we  
have not heard anything  
yet

After school Reed and I  
drive to August Jakla's  
new Barn talk with Harry  
Jakla -- then drive to

Ralph Duncan's and  
wait for Ralph who says he  
will help us to-morrow

Then we drive to Fred  
Hurdley farm where Fred  
says he will come if it is  
too wet to dig potatoes

Then we drive to Leon  
Glouster where Leon says  
he can come from 10 to 12  
am

Then we drive home to

Jenkins = 26 miles call it 25 miles



Oct 20-1928 Sat

Reed and I. L. @ 8-30

at 9-am at old Bldg and  
 with poles and wait for  
 Duncan & others

9-30 they have not arrived so Reed  
 and I will handle 1/2 mile to c.

27-28-33-34-138-29  
 when we change the layout to

42 feet out

set pins N 45° E 42 also NW SW SE  
 and set reference point and heavy  
 stakes using a pole 6.40 ft long

It is now 11-30 am and no one  
 has come we find here

8 Irons and 7 anchor rods

Round 2 } = 8

along 6 } L. them here

anchors piled at small cor post

L. also lighter and broken top  
 should

Take my loads back to cor

Figuring Pg 11 and 41-30

7980  
66  
 47880  
47880  
 5266.80  
 52

8046  
48276  
48276  
 5310.36  
5266.80  
 10577.16

5271.71  
5266.80  
 4.91

10610.40  
10577.16

10610.40 33.24 Lm  
 in 2-miles

15  
 3324  
16.62  
 5  
 11.62



46

Oct 20-1928 cont'd

11-30 AM Leon Glover corner and I show him  
 old NEBT slump and other things. He stays till 12-30  
 Reed and I walk with him. Then drive on car with champagne  
 cor 27-28-33-34 and porch T amile E 10-c

10.57716) 33.24 0.00.0

3173148

1508520.

10.57716

4508040.

5266.80

16.55

3283.36

5271.71

→ 11.64

should go E

52668

527171

314262

52668

2514096.

1885572

1885572

628524.

1571310

16.55 1551016

16.55

16.69

33.24

33.24

16.55

16.69

527171

53 5283.35 E

add 520.2

car 18 miles

Reed and I first go to Frank White's after buying  
 our lunch at Pico River



37 T138-29

47

Oct 21 - Sunday

Oliver Benson comes home from  
 Sunday School with Oliver  
 and stays for  
 dinner

$$\begin{array}{r} 72 \quad 98 \\ 432 \quad 588 \end{array}$$

PM

$$\begin{array}{r} 472 \quad 588 \\ 475264.68 \end{array}$$

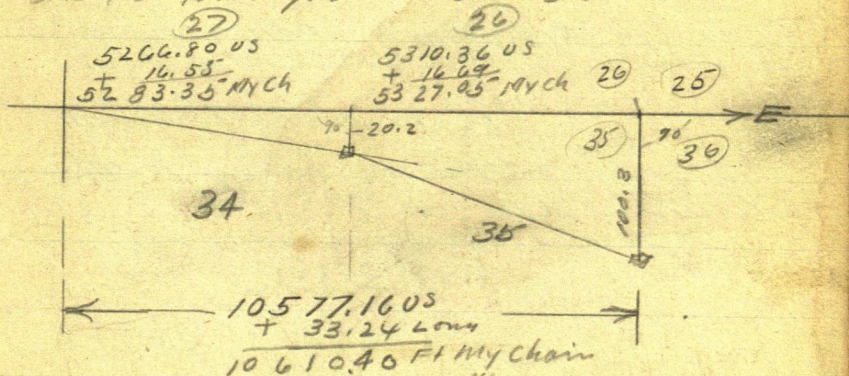
Try to get Oliver to go  
 with us but she will  
 not go Rain all AM and

till 3 - PM.

3-15 Reed and I with the Ford  
 drive the Fuller place and  
 walk 10 miles West to Co.

26-27-34-35-137-29

where we find the old state and  
 3 B.T.S. maps NE - SE - SW



At 5283.35 E Co. to Sun

26-27-34-35-138-29 S of

South 20.20 feet bold US state

in water  
 Home after dark.



Oct 22-1928 Monday.

I take Reed to school and Lr @ 8-30  
talk with Henry Jahlke at Aug Jahlke  
new Barn. Henry says go get Amor  
Fordyce who will help me

Talk with Ralph Duncan and Fred  
Kundley who cannot go then drive  
to Mike Whittaker Hunting Lodge

Headquarters Pick up Amor  
Fordyce Florence Jahlke puts up  
lunch for both of us and @ 10-30

Lo and drive 10 1/2 miles west  
and park loads to car

27-28-33-34-138-29 where  
we arrive 11-30

Amor cooks coffee while I  
walk 3/4 mile E to get  
Barn Harpham who says he will  
help us as soon as he hauls a  
load of fodder

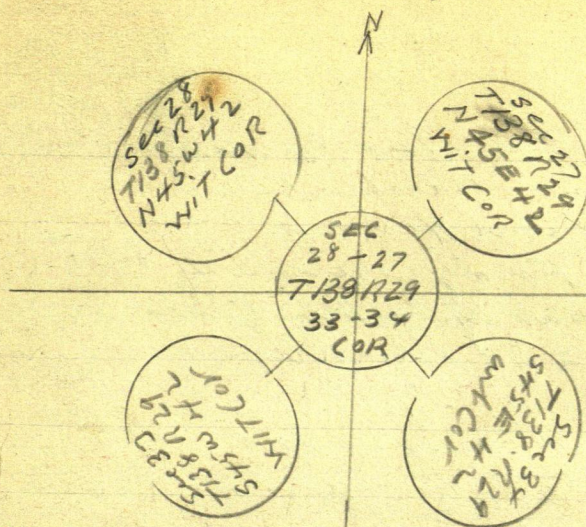
I walk back west where I find  
Amor and our lunch ready  
PM

Amor digs holes while I mark  
iron

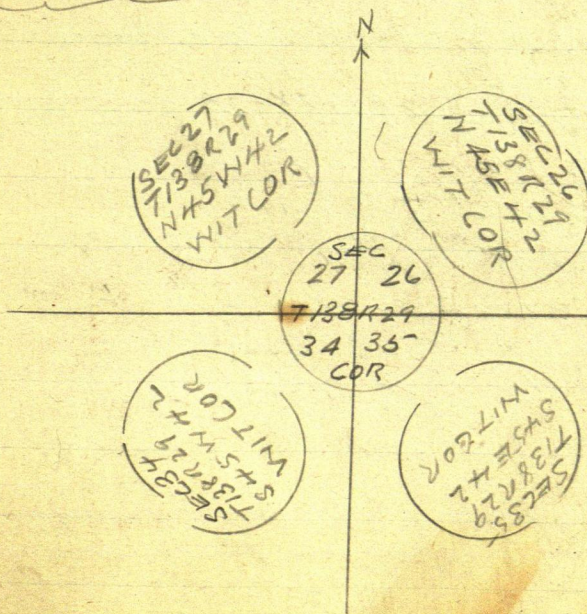
Amor fails to come  
Amor and I get all iron marked  
and 4 Holes dug all except  
SE hole but only center iron  
and N-E iron set

Quit @ 5-30 walk West half mile  
to car I drive Amor home to  
Horse Shoe Lake and stay over  
night with Florence and Henry  
Jahlke and Amor. Whittaker  
8 2.9 PM





138-29	28	27	Set
	33	34	



27	26
34	35

138-29



October 23-1928 Tuesday  
 up @ 6-40 Breakfast with  
 Florence and Henry Jahla  
 Arnor Fordyce and I with  
 lunch put up by Mrs Jahla drive  
 my Ford li Pine River  
 get 5 gal gas \$1.08

Buy 5 ed pieces of Iron bath  
 @ 25¢ Then drive 1 1/2 mil  
 west of 27-28-33-34-138-29  
 and pick outfit out walk 1/2 m. East  
 Dig Holes and finish setting  
 5 TMS N 45E 42 also  
 NW-SW T & E

Sam Harpham arrives  
 about 9-9 AM and makes two  
 trips over E to cor  
 26-27-34-35-138-29

It takes Sam all forenoon  
 Arnor and I finish @ 11-30  
 and cook our coffee then  
 start a mile East with a full  
 load of Tools and long  
 poles for correction stakes



Oct 23-1928

Continued

51

Sam Jones and all lay  
out the Cor 26-27-34-35 138.29  
Mark TMS. Sam legs kaler

Take points P425

N 45 E 98 = 64.68 Black 8

N 55 W 63 = 41.58 " " 8

S 50 E 72 = 47.52 " " 8

S 28 W 40 = 20.40 " " 3

old BTS

My old BTS V12

WP 24 N 60° 15' E 55.2 T. Head

Oak 12 N 44° 30' W 70.3 " "

12 S 47° E 46.5 T. Head

New

old stake 3x3x36

N 86° 40' W 12

Fern CN

N 87° 40' W — 45.1







Oct 23-1928

53

Continued  
in setting the Center Iron  
Anno ~~for~~ Fordyce and Mary  
Humpham dig up old US Sec  
on state - my part the level  
Center of old state under water  
in marsh 4-30 PM

138-29 Figure Corrections

28	27	5283.35 my chain	(27)	(26)
33	34			
		8.1		
		.003824 S		
		5283.35 E across 20.2		
			20.2	
				alt US cor
			(34)	(35)

✓ 300 E 20 S 1.15

✓ 434.8 " " S 1.66

✓ 600 " " S 2.30

✓ 900 " " S 3.44

✓ 1200 E " S 4.59

✓ 1320.84 E

Set 2x36" Iron  
Pipe

✓ 1320.84 E 20 S 5.05 To W 1/16

✓ 1500 E 20 S 5.74

✓ 1800 " " S 6.88

✓ 2100 " " S 8.03

✓ 2400 " " S 9.18

✓ 2641.68 S 10.10 To 1/4 Bt 27-34

✓ 2700 E 20 S 10.32 set 2x36" Iron Pipe

✓ 3000 " " " 11.47

✓ 3300 " " " 12.62

✓ 3600 " " " 13.76

3900 " " " 14.91

3962.52 20 S 15.15 To E 1/16 set 2x36" Iron Pipe

✓ 4200 " " S 16.06

✓ 4500 " " S 17.21

✓ 4800 " " S 18.35

✓ 5100 " " S 19.50

✓ 5283.35 E S 20.20

5400 " " S 20.64



54

.00382358

5283/20.200.

15 849

4 3510

4 2264

1 2460

1 0566

1 8948

1 5849

3 0910

2 6415

4 4930

4 2264

2786

3827

435

19120

11472

15296

166344

4528335

1320

4528336

264168

132084

528336

528336

1.147074

16.059036

17.206110

18.253184

19.500258

20.647332

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20.647332

5283

3824

21132

10566

42264

15849

20.202192

P117

382358

3

1.147074

2.294148

3.441222

4.588296

4.588296

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4.588296



Oct 23-1928 continued

We get the last Iron set

Then pack everything West to  
dark to correct line but we set  
some corner

at 3960 E ch E 2.52 to 3962.52

E run So 15.15 ft and set

2x36" Iron Pipe for E 1/16

bet 27-34-138-29 no time  
for BTS. sets

\_\_\_\_\_ south and \_\_\_\_\_ ft West of  
NW Cor post of fence S and E

2640 E ch E 1.68 to 2641.68 E

Then So 10.10 ft and set 2x36

high boiler tube for

True 1/4 Cor bet 27-34  
138-29 Too dark to see a foot

Sam Harpham walks home

100 rods south & East

Arnos Fordyce pack a hell  
of an outfit another mile W  
to my car which we drive to

Henry Takla has been waiting 5  
minutes Arnos and Henry go  
home and I drive to Jenkins  
at 7 PM.

John W. Curo



56

~~Oct 24 1928 Wed~~

~~FW @ 8:30~~

~~Arvo Fordyce with Henry  
Jahla and his car to Horsehal  
take 7-00 AM drive to~~

Oct 23-1928 contd

Arvo and Henry go home to  
supper and then drive to the  
old Fordyce farm and get 5  
TMS and anchor roads  
and back to Jahla's at 11 PM,  
Henry's Fold.



Oct 24-1928 Wed

57

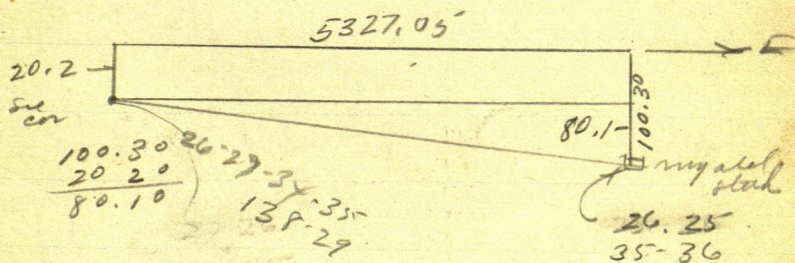
Henry and Amor to the Mike  
Whittaker Horse Shoe Club  
Headquarters at 7-30 take  
TMS and drive to Aug  
Johna Farm where I meet  
them at 8-30 take Amor  
and the Iron Monuments  
and drive north

At Mrs Feahy farm I  
try to call Bert Michener  
at Pine River but cannot get  
him. Then we drive to

the Fuller farm and to

25-26-35-36-138-29

where we at 9-45 am and  
find Sam Horthorn  
waiting





58

5227 80.00

5227

27730

24135

15950.

15684

26900

24035

8650

4090.

53

437

~~5227~~ .0158051

= 0.58'

See  
Page  
41

55°30'W

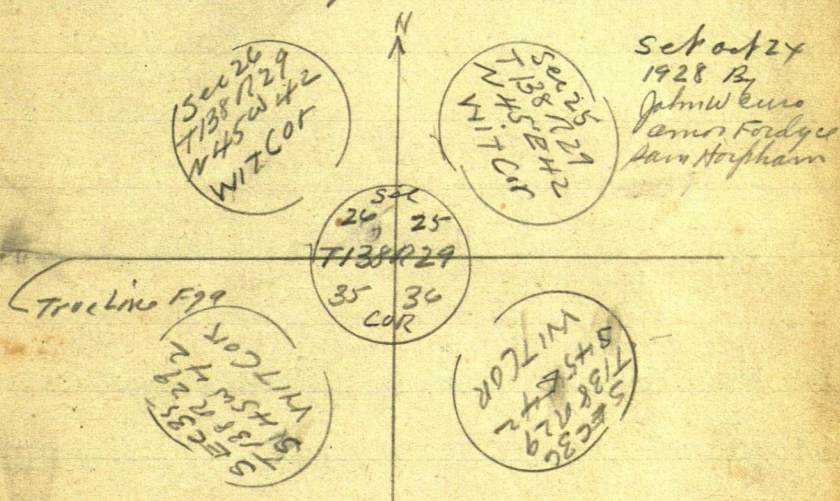
A



Oct 24-1928  
Continued

59

Transit over my old  
corner L- 25-26-35-36-138-29  
Focus N 5.80' E 110.80' W to Hub 10.621 E  
Pg 41. Then walk on o. o. set stake  
then N 0.53' E and set second stake  
on Meridian assumed @ 90° to  
line line looking west  
set vernier @ N 4.37' E Focus again  
on Hub 10.621 and turn off point  
for I.M.S.  
N 45° E 42 ft also NW-SW-SE



We get the 5 men set OK but to wait  
to mound them now

Finish about 4 P.M. Sam walks  
Home across and I drive so  
then west then north then East half  
a mile on old road

Le Cor and walk 1/2 mile E to 27-28-33  
34-138-29 and correct the mile but  
see 27-34-138-29 as shown 'v' on  
Page 53



60 Oct 24-1928 } Gail Lake 138-29  
Continued } Crow Wing Co. Minn  
Harpham Road

Correcting Bot 27-34-138-29

See Page 53. This Book

Note: As all chain stakes have been set on  
line random line with liant we  
simply set them South without using  
liant and set also tall stakes mhd  
"E Road" True Sec Line

At 1320 E Amor Fordyce + I chain  
East .84 90 feet to 1320.84 E then  
South (angle turned with my field  
book) 5.05 feet where we drove a  
2x36 inch iron boiler tube pipe  
to True West  $\frac{1}{16}$  Cor. bet sec 27-34  
138-29 We use a cloth tape checked

and marked with the big steel tape  
The cloth tape is short and light

We hustle and only succeed in  
finishing the mile by lighting  
match for the last three corrections

Then walk  $1\frac{1}{2}$  miles west in the  
dark to my Ford which we drive  
to Henry Jakla's where I stay over  
night

Nati: I L. Ralph Duncan his shovel  
scoyle and digger



Oct 25 - 1928 Thursday

Breakfast with Henry & Florence  
Jakla and Amor Fordyce

Then I drive to Fred Handley  
res where Fred says he will go  
with us in the morning to witness  
that the rions are set and to view  
the road. &c

I drive to Leon Glouner where  
Leon says he will also go

Then I drive west and find  
Henry Jakla waiting who says  
he will call for Handley & Glouner  
in the morning

I then call on Ralph Duncan  
who says he cannot go

Then I drive home to Jenkins  
at about 10:30 am

Dinner at home with Alma &  
Reed PM Take Reed to school  
then Alma & I dig potatoes till  
3 PM

Then I go to my office and  
write notes and make out time  
bills and Final Road Order