

219

FIELD BOOK

Note:

This Book is the personal prop-
-erty of the

Curo Engineering Company
Jenkins Minn

If lost

Finder please notify

John W Curo -- Harold J. Curo

Garold W Curo or James Reed Curo

June 5-1928

Liberal reward.

INDEX

Time 7-47

Board 9-49

Maps 8-10-11-12-13-14-19-22-27-28-30-31-32-41
46-52-54-61-62-63-64-67-68Iron Monuments 16-20-22-26-35-39-45-48-51-55
58-68-

Addresses

Saint Mathias Twp Work 3.
43-31 Iron Section Corners

Saint Mathias Township, Crow Wing
Co Minn T43^N R31^W 41⁶ P.M.

Monumenting Section Corners - Twp
Corners - Quarter Corners ^{1/4} Meander
Corners Set in the original U.S. Survey

This is a continued work which has been
going on for the past 10. years and we
are now monumenting U.S. Corners which
we have located and partly located in
previous surveys and will locate in this
survey

All corners Set for road purposes only

4

43-31

Saint Mathias Twp

May 1928 I receive a letter from
Henry Langevin Chairman Town Board
St Mathias Twp. Via R#2. Ft Ripley Minn
Telephone 17F20

Mr Langevin's letter requests that our work
starts June 2nd 1928

May 1928 Alma-Reed and I
drive from Jenkins to Brainerd-- then to
Langevin farm. where Henry and I decide
to start as soon as our monuments arrive

June 5-1928 Tuesday

As we now have the 100. Iron monuments
and anchors in my yard by truck I
Telephone Henry Langevin to send
a truck to Jenkins for them and he says
he will send Rudolph Keppers and his truck
tomorrow Tel 17F4 to Dennis Langevin who
repeats message to Henry Langevin 17F20
partly out of order. I pay tel .35⁰

TRIP WORK
IRON SEC CORs

5.

June 6-1928 Wed

I work all AM in Jenkins preparing my notes-- looking up old field books & while waiting for the truck

As Rudolph thinks his Ford truck body car too light, he hires Earl Flansberg and his Ford truck: They Lv home at 1 P.M. Mr Jenkins 4 P.M. Eat lunch at my house and we load 100 IMS⁹ and 100 anchors and I Lv with them about 5-30 P.M.

Drive to Dennis Langevin farm on SW 1/4 of SE 1/4 Sec 16- T43. R31 where we leave the monuments and I stay supper at home in Jenkins overnite with Mr & Mrs Dennis Langevin

Note: Flansberg claims 80 miles truck mileage @ 10¢ = \$8.00 total

I am to pay \$5. and The Township \$3. = \$8.00

I will charge for 1/2 day only: Rudolph 1/2 day

6.

Saint Mathias Twp
43-31

June 7-1928-Thursday

Keppers and his Ford with truck body
Arrives at Dennis Langevins at 7.45 A.M.

We pick up Amos Babcock-- also

Robert Harris and the road boss Chas
Babcock who are clearing road. We help
Charles^{and} Robert stake $\frac{1}{2}$ of road bet
secs 26-27-43-31 From the $\frac{1}{4}$ Cor half a
mile South-- then a mile West bet Secs

27--34 T43-R31. At Cor to Sec

27-28-33-34-43-31

Where we meet Herman Klepel and his
two sons-- Harvey Klepel 23 and
John Klepel 18 who watch us re-locate
the corner and dig up my old hub set from
Old US. BT. Stumps NE and NW Page 112
my field book 209.

They own: $S\frac{1}{2}SW\frac{1}{4}$ Sec 27 = 80 acres
NE NE 33 = 40. acres: NW NW 34 = 40 "

Johnson Bros Fort Ripley (Hardware) own
SE SE 28--and more = 160 acres?

Work Transition line half mile E
and set 2" Hubs about every 100 paces--
the whole mile bet secs 27 and 34
T43-R31. Keppers and I eat
dinner with Dennis Langevin

Time Sheet Working for St. Matthews Trp.

June 1928	5	6	7	8	9	10	11	12	13	14	15	16	SUN 17	18	19	20	21	22	23	SUN 24	
@ 916 Roadman Exp	1/2		1	1	1	0	-	-	1	1	1/2 PM	1/2 AM	0	-	1/2	1	1	1	1	0	3103 = 11 days
John W. Caro	7th												0	-	-	-	-	-	-	0	
Expense	36 ⁰⁰					0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	
Auto	-	-	-	-	?	0	-	?	-	-	-	-	0	-	-	-	-	-	-	0	
Iron Monuments	-	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	0	
Harold Caro	-	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	0	166.0 deducting for extra haul 8 161.0
H.R. Langevin	-	-	-	-	0	-	-	-	-	-	-	-	0	-	-	-	-	-	-	0	
Anios Babcock	-	-	1	1	1	0	-	-	1	1	1	1/2 AM	0	-	-	1	1	-	-	0	
Rudolph S. Keppers	1/2 PM	1	1	1	1	0	-	-	1	1	1	1/2 PM	0	-	-	1	1	1	1	0	collected 12 Days
Keppers Ford	-	-	1	1	1	0	-	-	1	1	1	1/2 PM	0	-	-	1	1	1	1	0	11 Trips
E. Flansbery Truck	88.	-	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	0	
Dennis Langevin	-	-	-	-	-	0	-	-	-	-	-	-	0	-	4 Hrs	-	-	1/2 PM	1	0	2 days

Continued on Page 47 This Book

8 Saint Mathias T43 R31 43-31

June 7-1928 Continued P.M.

Keppers- Amos and I lay out the cor and
drive spikes to mark points for Iron Monuments
N 45° E 40 Feet. Some NW-SW & SE

Turned from line line looking East

27-28-33-34 - 43-31

Amos Babcock and I re-chain this mile
East bet Sec 27-34-43-31 & road

300-600-900-1200 + 120 = 1320 1500-1800-2100

2400-2700 - 60 = 2640 3000-3300-3600

3900 + 60 = 3960-4200-4500-4800-5100 + 142.8

= 5242.8 To Cor IM @ 26-27-34-35

27

By same chainmen
chained July 2-1925

5241.6 Hot chain

5242.8 Cold Chain

Chained today
June 7-1928

Note Amos Babcock and
John W. Curo Chain

(34)

See Page 112 Book 209

Note: Amos Babcock and I chained this mile
both times and with the same 300 ft ch
& plumb-bob

1st chain July 2-1925 ch = 52,416

5242.8
5241.6
Diff 1.2

1/4 Bet 27-34

43-31

U.S. Notes coll for

WP 24 N 74 W 120 - } gone

WP 30 S 42° W 54 = 1

1310.70
2621.40 OK
3932.10
5242.80

All ays gone

Board Sheet - With Dennis Langevin

June 1928	5	6	7	8	9	SUN 10	11	12	13	14	15	16	SUN 17	18	19	20	21	22	23	SUN 24
John W. Cure	-	XL	SL	SL	DB	DB	-	XL	SL	DB	DB	DB	DB	SL	SL	SL	SL	SL	SL	DB
Rudolph Keppers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
James Reed Cure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alma Cure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note

Two Work
Iron Sec Gors

Continued On Page 49. This book

June 7-1928 Continued

Correct this line--partly @ 3960. E we Ch
West 27.9 to 3932.10 E. where we set

True E $\frac{1}{16}$ bet 27-34 -43-31

Starts to rain and we Quit 5-15 PM Mon. 5:30

Still With Longwin Raining

June 8-1928 Friday

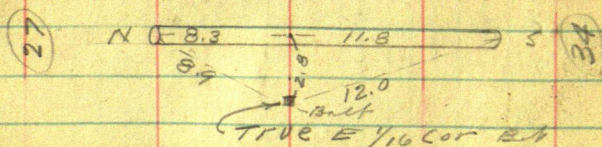
Clear and Cold - South wind Keppers and his Ford
Ar 7-45 L. 7:55 AM Pick up Amos Babcock

and drive to E $\frac{1}{16}$ Bet 27-34 43-31 Bab holds
P.B. String 50 ft W. ^{on the} I look E. on flag at Cor and

line in spike 3932.1 E and set $\frac{6}{8} \times 12$ " balt
with sq head for TRUE E $\frac{1}{16}$ Cor in N. Wheel

track E-W-Road 2.8 Ft W of $\frac{6}{8} \times 10$ " Culvert

8.3 ft S of N. end and 11.8 N of S end. So End of
Culvert SE 12 ft: N End of culvert NE 8.9 ft



Sec. 27-34-43-31

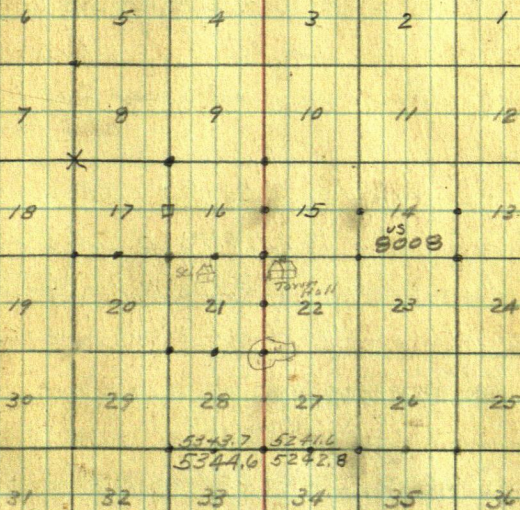
Drive West to $\frac{1}{4}$ Cor Bet 27-34-43-31 @

2640. E we chain West 18.60 to 2621.4 E

set spike for line $\frac{1}{4}$ Cor

Saint Mothias
43-31

(11)

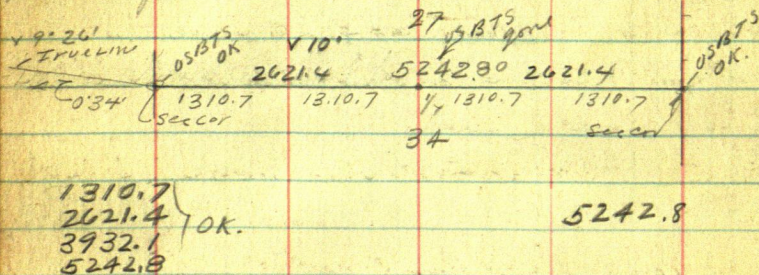


St Matthias Twp
43-31

June 8-1928 Continued.

Tr over $\frac{1}{4}$ Cor bet 27-34-43-31. Lay out
points for Iron Monuments on $45^\circ E$ 40 ft.
S from NW-SW-SE. Turned from line E-W line
Turn 90° angle and put spot on N side
10' N of about 150 ft so just to show Mr
Klepel about "where his line goes so

Drive West $1\frac{1}{2}$ W $\frac{1}{16}$ bet 27-34-43-31 ~~HT~~
1320 E. Chain W 9.3 to 1310.70 E Set $6\frac{1}{8} \times 12"$
Bolt with sq head half a foot so of so wheel
lock & E-W Road 15 paces W of NE Cor
plowed field no Bearings

Drive $1\frac{1}{4}$ miles N to Cor

28-29-32-33-43-31

See Page 110-111. Book N: 209

We find the Birch hub and all Bts Pg 111 Book 209
Tr over Tree Cor Focus $50\frac{1}{3}$ miles on E road
then on E road $\frac{1}{3}$ mile East - SE angle
reads $87^\circ 00'$

TWP WORK Iron Sec Cors

13

JUNE 8-1928 Continued

2829-32-33-43-31

taking n.s. & wood on meridian var reads 9'45"

The E-W road read here reads 7'15" var ?

28-29-32-33-43-31 — sec lines
var reads 7'15" ?

cem. & ery Gds

CEM

var reads 9'45" ?
E road

Layout Cor 28-29-32-33 43-31, N45°E 40

also NW-SW-SE same

Reference pole

5.85 Ft

We lay out points for IMS N45°E 40. also

NW-SW-SE

Note: at first we set corner

wrong half 1/2 foot so but found line Cor and checked in all points

12-15 PM Home for dinner Dennis L and

Mrs Langwin are in Blairwood. She calls

up 17F4 and I tell her to get Field book

(this book) @ 702

1-PM L and drive to Cor 28-29-32-33-43-31 Ch

East but 28-33-True chain Amos Babcock

and I chain Rudolph and his car help

300-600-900-1200-1500-1800-1320 E peg

1800-2100-2400-2700-60 = 2640 E peg

Temp 1/4 Cor Bat 28-34: @ 3000-3300-3600

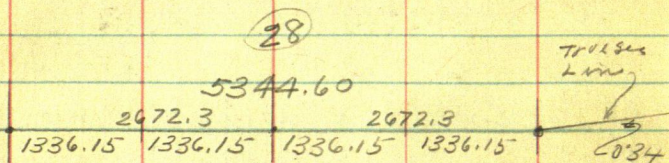
3900 + 10.1 = 3910.1 E New Ferry runs South

14

Saint Mathias 43-31

$3900 + 60 = 3960$ Spike T Temp $E \frac{1}{16}$ Bat
 $28-33-43-31 - @ 3900 + 300 = 4200 + 100 =$
 $4300 + 300 = 4600 - 4900 - 5200 + 144.6$
 $= 5344.6$ intersect Cor 27-28-33-34

M $\frac{1}{4}$ Bat 28-33-43-31 US Notes Say
 YP 20 N 79 W 145 = 95.70 Ft } gone
 Tam 6 S 12 W 160 = 105.60 Ft



(33)

Note: Amos Babcock and I chained this
 some mile carefully 2 years ago
 on July 2-1925 distance then was
 5343.7 being 0.90 of a foot diff

$\frac{5344.6}{5343.7}$
 $\cdot 90$

Correcting

Work Transit on line bet sec Cors
 At 2700 E Chain West 27.7 T. 2672.3 E
 Set point for True $\frac{1}{4}$ Bat 28-33
 0.40 of a foot N of N. Wheel track E-W Road
 Lay out points for Wit Irons
 N 45° E 40 also NW-SW in bog and
 SE in bog
 Drive 80 rods E 1:3960 Ch E 48.45

Typ Work IMS

15

June 8-1928 Continued
To 4008.45 E Hub For E $\frac{1}{16}$ Bet 28-33
43-31 pt $1\frac{1}{2}$ ft N of N wheel track E-W
road Oak 6 S $2^{\circ}55'$ W 63.70
J.P. 8 S $74^{\circ}15'$ E 90.15 To Nail in new
spot at base Turned from line E-W line

Drive half a mile West $\frac{1}{16}$ W $\frac{1}{16}$ Bet 28-33
at 1320 Ch E 16.15 ft 7.1336.15 E Set
True W $\frac{1}{16}$ Bet 28-33-43-31
 $1\frac{1}{2}$ " Oak Hub 0.30 N of N wheel track
50 ft W of Top of hill E-W Road
J.P. 12 N $8^{\circ}52'$ E 52.90 } T. Shingle nail
in spot at base
J.P. 13 N $51^{\circ}52'$ W 58.10 } Turned from E-W
line

Home @ 6-30 PM. Cold. Dennis and Mrs
Langevin bring me from Brainerd
Pk₇ Right Cut to 6 10² also Field Book
(This book) 70² I pay them

Alma and Reed call me from
Brainerd Reed went to the Circus

John W. Curt

16

Saint Matthias Twp 43-31

June 9-1928 Saturday

Same crew Lve 7-45 Take 20 IMs

Put in Co

29 N 28
32 33

SEC 29
T43-R31
N45-W40
WIT-COR

SEC 28
T43-R31
N45-W40
WIT-COR

29-28
T43-R31
32-33

Road

SEC 29
T43-R31
N45-W40
WIT-COR

SEC 28
T43-R31
N45-W40
WIT-COR

Road

N

SEC 28
T43-R31
N45-W40
WIT-1/4

SEC 28
T43-R31
N45-W40
WIT-1/4

1/4
SEC 28
T43-R31
SEC 33
COR

Road

E

SEC 28
T43-R31
N45-W40
WIT-1/4

SEC 28
T43-R31
N45-W40
WIT-1/4

Sec June 9-1928
Same crew Lve 7-45
Take 20 IMs
Put in Co

Sec June 9-1928
Same crew Lve 7-45
Take 20 IMs
Put in Co

Twp Work
Iron Cors 17

June 9-1928 continued

Rudolph Keppers and his Foret lunch pick
up I and Arner Babcock and we set
the 5 Iron monuments at corner to Secs
28-29-32-33-43-31.

Rudolph and I eat dinner at Langvins
PM

Arner crew set 5 Irons at
1/4 Cor bet 28-33-43-31

Bath corner shown on opposite Page 13 16.
Quit at 4-50 Home @ 5 PM.

Alma and Reed are waiting to take me
to Jenkins - we there eat supper at Lange-
vins and go home. Stop in Brainerd and
use long distance telephone

Try to look up in telephone book

Northwestern Public Utilities Inc 554

McKnight Bldg 19pls - some other Company
with officers viz: E. A. Stewart Pres; R. B. Nelson
Vice Pres and J. H. Wendel Sec - Treas

Office at 554 McKnight Bldg

Telephone Book gives:

E. A. Stewart. Res 1531 Branstom

Tel Midway 4821 St Paul also

Robert B. Nelson Res 530 Marshall Ave St Paul

Tel Elkhorst 2158. St Paul. also
over

St Paul

June 9-1928 continued.
 also Roy B. Nelson: Res 5619 Emerson Ave S
 Mpls. Tel Locust 7526 Mpls. also
 J.H. Wendel Attorney 346 McKnight Bldg Mpls
 Atlantic 6069 Res 5042 Lindale Ave So
 Res Tel Colfax 5395 - condensed:
 (E.A. Stewart pres. (at University of Minn.)
 (R.B. Nelson V.P. (Pine River Power and
 J.H. Wendel Sec Treas) Light Co.

First I try to call Wendel - he is in
 Chicago and will be back Thursday
 Second I call (after two tries) E.A. Stewart
 he says he will be in Pine River Thursday
 night and will talk at Breezy Point, Friday
 morning - I will try to meet him
 Tel cost \$2.50 We get car locked down
 and drive home to Jenkins late

June 10-1928 Sunday
 Alma, Reed and I - Jenkins to Cross Lake
 Reed and I stake Carl's Lots: Alma catches
 2 fish

June 11-1928 Monday
 Reed and I stake Ball ground. P.M. Write
 Alma to Brainerd. Butler Bear does not
 want the Carl's land. Home to Jenkins
 Heavy rain all night John W. Cress

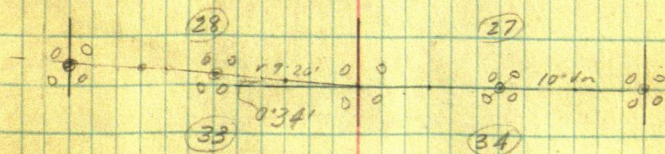
June 12-1928 Tuesday

I send Check ^{\$8.85} 16 AM. Still Woodman
Luer. Alma and Reed stay home in deakin.

I take Ford and go alone to Brainerd
then to Rudolph Keppers where I eat
supper and drive to Dennis Langcoin
farm - at 9 PM and find them in bed
except the kids who come later with Max
and some sitting here like them
home - heavy thunder and drops of rain
no supper.

June 13-1928 Wed L. 7-45

Rudolph and his Ford with Amor and I
set IMS at $\frac{1}{4}$ Bet 27-34-43-31 and
at Cor to 27-28-33-34-43-31

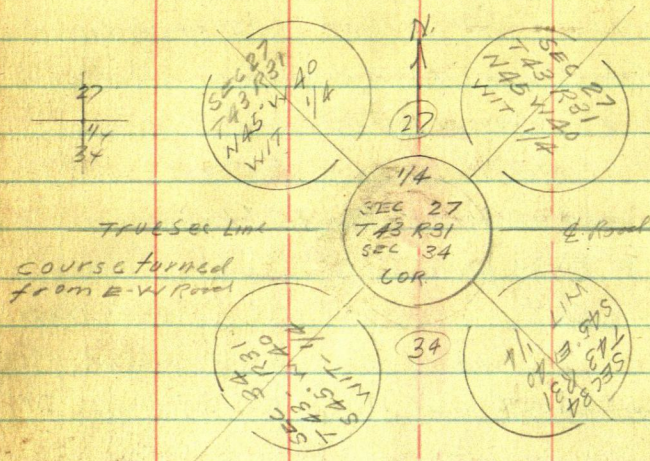


Take angle plus lines - almost

From Iron Cor Focus E on line bet 27-34

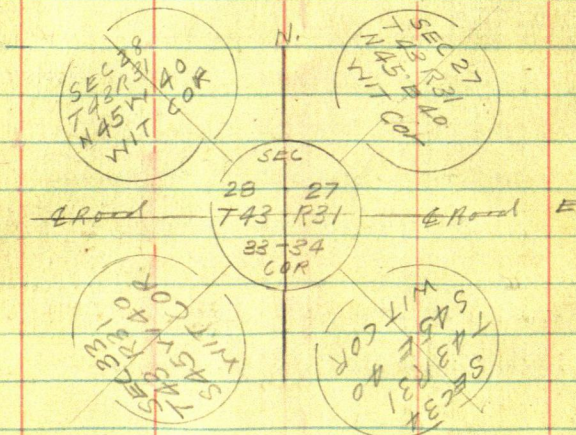
The line bet 28-33 runs N 89° 20' W. I also run
90° to E line and set 2 stakes on N and 1. S.
for Mr Keppel

June 13-1928- continued



43-81

28	27
33	34



IMS Set By Rudolph Keppers. Arnon Babcock & John W Curo. June 13-1928

Quit 5-30 PM. Still with Dennis Langerwin

June 14-1928 Thursday

Dennis puts in ~~the~~ ^{28128288.} ~~the~~ foot culvert 24' long

Rudolph and I see Henry Langevin. Lx @

7-25 AM. Meet Bob at Town Hall - Mark

5. IMS For $\frac{1}{4}$ bet 21-22-43-31 but
do not set them then drive to Cor

13-14-23-24 - 43-31

Where we locate the corner and drive spike
and patch for ~~the~~ corner at point

O.O. in Book 201 Page 61 and

Book 209. Page 20-46-47 Monkey all day
at corner. Arner brings his own lunch

Rudolph and I eat dinner at Dennis
Langevin. Lx field 5-20 Home 5-30

I eat supper with Dennis Langevin
and @ 6-00 PM Lx in my car for Jenkins

At dark and drive alone to Pine River to
see Harvey Crommett who I fail to locate
by phone to: First Grand View Lodge then
Pinezy Point. ^{20x} ~~Quernick~~ at home in
Jenkins

June 15-1928 Friday

Up at 6-00 o'clock Reed and I fix tires.
8-am I drive to Pequot Call Horney
Crommett to Pine River. 20¢ I drive
to Breezy Point then to Merrifield - meet
Mr and Mrs Bert Sabin - Drive to Rudolph
Keffers and at 11-30 to Dennis Long-
for dinner. PM

Rudolph and his Ford come at 1 PM and
we find Amos Babcock and his car at Cox

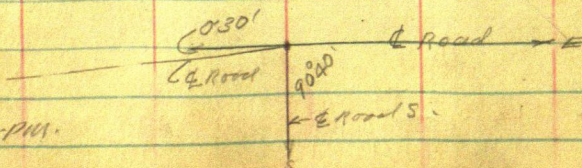
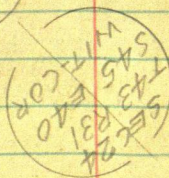
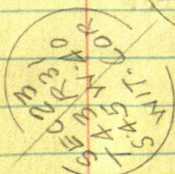
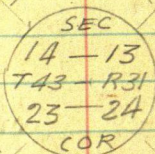
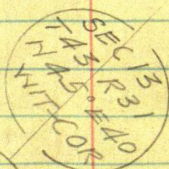
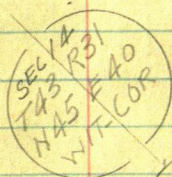
13-14-23-24-43-31

where we set iron Monuments turned
from E road about East

T43-R31

N

14	13
23	24



Quit 6 PM.

June 16-1928 Saturday

Rudolph and I L @ 7-31 AM and drive to 146 at 13-14-43-31 where Amos and his car joins us and we lay out the points for IMS. N 45° E 40 also NW-SW-SE

Rains heavy 9 till 10 Then we drive to Town Hall where we mark IMS till noon Amos goes home for dinner Rudolph and I eat at Dennis Lange in PM

I go home via Brainerd and Breezy Point - Albus Reed and I home in Jenkins

June 17-1928 Sunday

We go to the ball game at Emily Reed plays and I help collect \$1.00 gate receipts

June 18-1928 Monday

Primary election: I vote at Jenkins and at 4-30 PM. L. alone for St. Mathias Twp. Saffer and over mile with Dennis L

June 19-1928 Tuesday

Heavy rain - Cloudy Cold. No work.
I write notes. Aldia Langevin^{15.} packs
grip logo work for Hewett restaurant
at Bramend \$7. a week. Fabian drives to
Albert DeRosier rooming house Bud
9th St N Tel 11240.

Dennis Langevin keeps house

1/4 Bet 16-21-4331

US Notes BPIOS 43-W 106 LKS = 69.96 FT
Aspen 6 N 2° E 67 = 44.22

See Page 71-76 Book N-201
and Page 23-70 Book " 209

The NE tree is gone but the root of
the old SW BT. seems to be here where
we found it years ago at which
point there was an iron driven in
the ground. Iron and old BT. Shimp
was 9.60 ft NW of Purip and 10.70 ft SE
of SEC or of Cement under Sch Ho Porch
BTS to 1/4 Cor Bet 16-21 Vig 43-31

NP 15° N 55° 40' W 77.25 FT

NE Cor Cement under porch of Sch Ho
S 70° 20' W 62.00 FT. NP 15° N 49° 45' E 128.4

Dennis Langevin helps me 10 Am till noon
1 to 3 PM = 4 Hours

June 20-1928 Wed

Rudolph Keppers and his Ford Truck
Body arrives 7-34 AM. We pick up Amos
Bobcock at his home and drive to

1/4 Cor Bet 13-14-43-31

where we "laid out" the point for I.M.S.
last Saturday Pg 23 this book But on
acct of rain we did not have time to check
new and old BTS. as given on Page 64
Book No 201. viz July 11-1925

2X15" Dry Oak Hub and Tack @ 8° Var =

1/4 Bet 13-14-43-31

Red Oak	6 S 29° 25' W	37.00 Ft
" "	10 N 81° 42' E	55.95 "
" "	5 N 45° 33' W	55.60 "
" "	12 S 28° 45' E	48.50 "
NP Stump	24 010 US. BT. N	36° 46' E 81.84 Ft
"	24 "	S 87° 35' W 73.92 "
Old 4X4X40" Stake	N 36° 46' E	1.50 gone

We find all BTS. OK for distance but old big stk gone
still sprinkling rain at 9-30 AM.

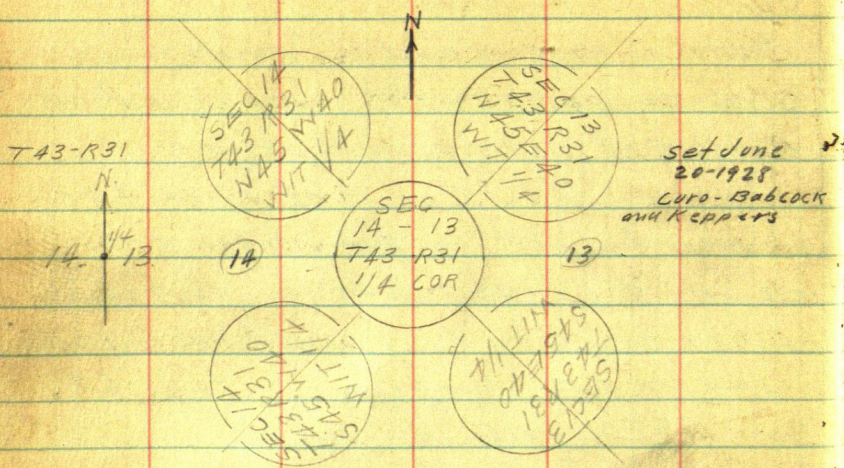
Bob and Rudolph dig holes while I
write these notes

Finish setting irons and drive back
to Town Hall where we mark iron
lith noon. Rudolph Keppers and
I eat dinner with Mrs Dennis Long
On 1-08 to 1-38 - PM.

26

T43 R31
St Mathias

June 20-1928. Continued



All Standard U.S. Monuments 2x48"-pipe
composition core. Re-inforced with wire-
cement and other secret process dope

Caps

Caps for True Corners are 4"-round-oval
rivited 16 pipe

Caps for Witness Corner Monuments are
3 1/4 x 4 3/4 inch Oval and oblong-rivited 16 pipe

Anchors

5/8 x 9 inch thro base of pipe 1/2 foot
up - Anchored with stone-Mounded

June 20-1928 Continued

TWP Work Iron Mons

27

Correction

Bot 13-14-43-31

N7950

See also Page 63-64 Book 201.

42

2447.8 N goes E 2.20

7738.8 Hub

2066.7 N goes E 1.92

7367.7 Hub

1274.7 N goes E 1.34

6775.7 Hub

786.3 N goes E .99

6087.3 Hub

= 558.1 N goes E .83

Nkd 5861.7

N 5859.1 Hub

N 5301.

42

2649 into 1.92 = .7245 + .42 = 2.34

Hub 5859.1 is 558.1 N and goes E .41 + .42 = .83

" 6087.3 is 786.3 N " " E .57 + .42 = .99

" 6775.7 N is 1274.7 N " " E .92 + .42 = 1.34

" 7367.7 N is 2066.7 N " " E 1.50 + .42 = 1.92

" 7738.8 N is 2447.8 N " " E 1.78 + .42 = 2.20

" 7950. N is 2649. N " " E 1.92 + .42 = 2.34 7.1x

We correct Hub 7738.8 E to 2.20 1/2

Hub on line line

PM set

1/4 Cor Bot 21-22-43-31

At 5280 + about 33 = 5313. w flock tall
flag n of road. Then with 1/2 half a
mile so and 78.16 F/E of old BT Stump
Focus n and run 255.58 to 1/4 R/21-22
Home 6-05-

62.23
20.90
83.13

207.6
20.9
3/186.7
62.23
2
124.46
186.69

2653.4
2649.2
5302.6
7951.8
2649.2
10601.0

27

7947.6 / 186.700
1589.62
2774.80
2384.28
3905.20
3973.80

186.7
20.9
207.6

5302.6
5280.0
22.6

10601.0
2653.4
7947.6

Tang. 0.0235 = 1° 21'

Correction 1 1/2 mile N-S Bet 27-28 =

0.0235 + 20.9

2653.4 S = 0.0. S and gas E 20.9 To 1/4 Bet 21-22
2649.2

5302.6 S = 2649.2 S and gas E 62.23 + 20.9 = 83.13

Temp Cor to 21-22-27-28 But this will be
fulled East or West. Rudolph and I
eat dinner with Demar Bob brings lunch
PMA

Drive to 1/4 bet 21-28-43-31 Then to
21-22-27-28-43-31

Turn 5280 S. BS on Hat and run
South 22.6 To 5302.6 S

Turn 5302.6 BS N on Hat and run
East 20.9 + 62.23 = 83.13 Hat

Turn Hat 83.13 BS West on Hat 5302.6

Turn 1° 21' L and run a line of stakes
E and W Then run a line S 1° 21' E
and N 1° 21' W to an intersection.
with old line from East and old
line from the west

St Matthias
43-31

June 21-1928 continued

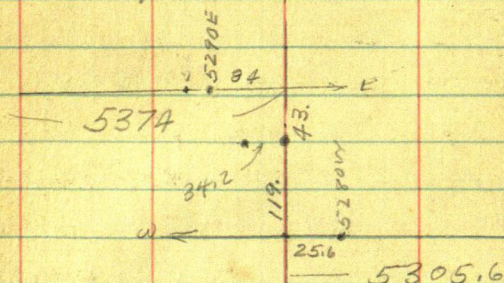
 Δ over Hat 83.13 BS won Hat 5302.65

Turn $90 + 1^{\circ}21' = 91^{\circ}21' L$ and run So 119.0

Intersect my old line 5280 +

$$25.6 = 5305.6 \text{ W} \text{ Treflex } 119. \text{ W}$$
$$A1 \quad 5290 + 84 = 5374 E$$

Test: 80 43.0



5305.6

5374.0

106796

5339.8

2669.9

5339.8

5305.6

34.2

See Page 82 Book 201

to over Hat 83.13 Turn 90° to N. & so connected
line and run West 34.2 ft. to pt for
True Cor to

T over 5290 E Temp Cor beam
S 49° 11' E 66.40 Feet

Tower 5280 S. Temp Cor. Sep. $564^{\circ}35'E$ 54.3

Power 5280 W 26°26'W 133, 10

At Home 5.05 PM and I figure Corrections

TWP WORK Iron Sec Cors

31

Try This ?

10679.6 My Chain

Random

Total 5340.25

50.25

$$49^{\circ}11' = 40^{\circ}49'$$

$$\sin 40^{\circ}49' \times 65364 \times 16.4 = 43.4$$

$$\cos 40^{\circ}49' \times 65364 \times 16.4 = 50.25$$

5290.

5290

50.25

5340.25 E

520.6

54.11 E
66.4

43.4

119.18
112.16
133.1

5339.25 Total Random

26.26

$$\sin 44^{\circ}45'16'' \times 133.1 = 59.25$$

$$\cos 44^{\circ}45'16'' \times 133.1 = 119.18$$

5280.00

5290.00

50.25

5340.25 E

5280.8

56.435 E
54.3

5303.3

49.04

49.04
sec cor

49

207.6 sec cor

$$64^{\circ}35' = 25^{\circ}25'$$

$$\sin 25^{\circ}25' \times 42920 \times 54.3 = 23.30$$

$$\cos 25^{\circ}25' \times 42920 \times 54.3 = 49.04$$

5280.00

59.25

5339.25

5280.00

23.3

5303.30

5303.3 So Cor 15 21-22-27-28-43-31

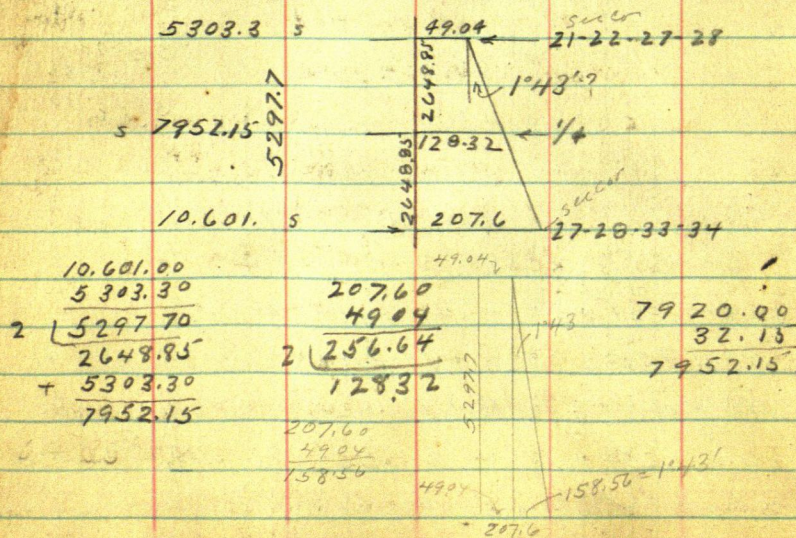
Set East 49.04 Ft

June 22-1928 Friday

Cloudy-misty - Babcock cannot come
 Henry is sick - Dennis Langevin is to go
 in place of Henry Langevin but we do not know
 this and as Dennis is cultivating Rudolph
 Keppers and his Ford and I Lv @ 8-05
 Drive to cor. 21-22-27-28-43-31

Pack & South to Hub 5632.5 on top of
 Round Hill in swamp where I place
 new back shot Rudolph walks south
 Finds old stakes marked 5932 and 6232
 in swamp. We walk south across bog
 Find and re-mark other station

See Page 82 and 83 Book 201



Rudolph goes to bring up his car I work
alone π over Hub 7920. S I tie wire on end
of chain to Hub and chain 32.15 so to 7952.15
S. π over 7952.15 S Turn 90° East 128.32

True $\frac{1}{4}$ Cor Bet 27-28-43-31
set $2 \times 2 \times 30$ " OAK stake mkd " $\frac{1}{4}$ -Cor"

I ran and chain this alone - still raining

Rudolph returns and helps me

π over $\frac{1}{4}$ Cor BS West on Hub 7952.15
turn 90° L then 1.43' more and spat 6"
about 250 ft so true line cuts E Edge
of oak. Then spat 6" spat about 100 ft N
the E Edge is true N-S-Line

$\frac{1}{4}$ Bet 27-28-43-31

New BTS viz

7" OAK N $12^\circ 46' E$ 40.20 Ft)

8" OAK N $63^\circ 04' W$ 69.35 Ft)

Turned from True Sec Line 1:20^d
spike in spat at base of each line
Chained to flat spat at base

US Notes call for $\frac{1}{4}$ Cor Bet 27-28

WR 15 S $76^\circ W$ 26 LKS = 17.16 Ft OK.

Aspen BN $48^\circ E$ 98 = 64.68 " gone

We find half of old pine stump - a marker
and spat at base exactly S $76^\circ W$ 17.16 ft
where I set a stake mkd "old BT"

June 22-1928 continued

Home to dinner at 12- noon Eat at Dennis

Langevin Note: Some lady wants me to

Call 17d. Boy Scout headquarters at

Court House at Brainerd at 5 PM

I cannot imagine who it is

P.M.

Dennis Langevin goes with us and we set for

21-22-27-28-43-31 in swamp

N 45° E 40 also NW-SW and SE - 6 ft mound

in center New BTS Viz

Tam 7 N 68° E 5.80

" 8 S 12° 40' W 20.00

To plot spot at
Base 8° V

All turned from True Line South.

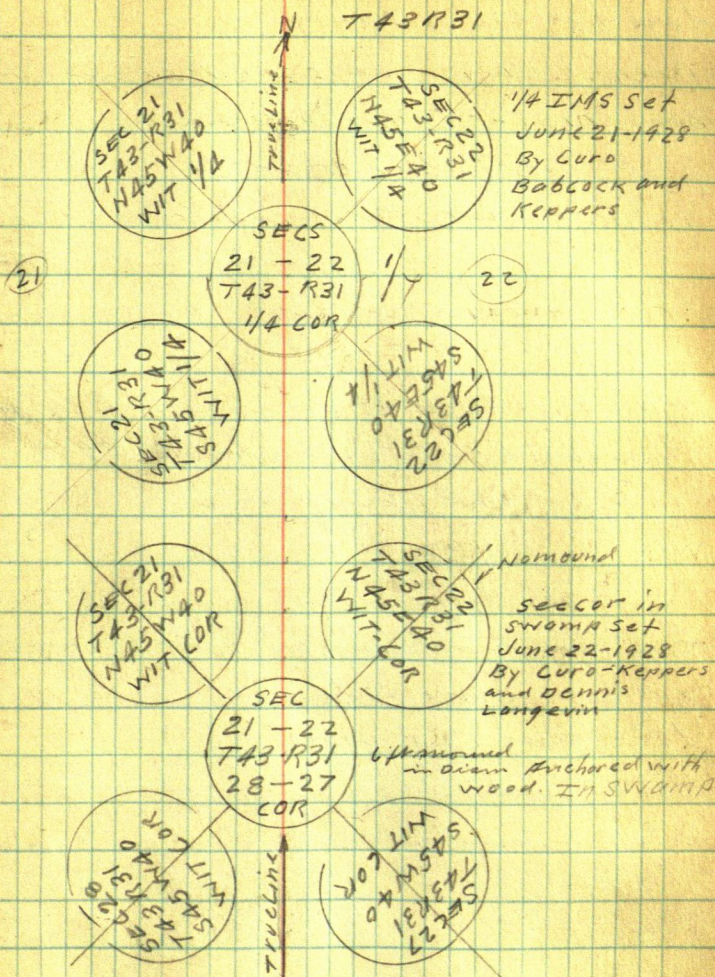
Var reads 8° E.

We use 1 ft lām wood for anchors Home

at 5.05 - I call 17d. ^{at 5.05 PM} but get no reply

Babcock does not work

Aldia quit Hewett's Restaurant and
came home.



John W. Curcio

June 23-1928 Saturday

Dennis Langevin and I Lv @ 7-25 in my car-- Dig for Corner to sections

15-16-21-22-43-31

Whiteley's old notes copied years ago on a loose leaf of paper I have call for "Stone"

Old BTS. "O.B.T. All 4." Set Stone

Pine 15 N 40° E 41 Lks (= 27.06 Ft) 800

Pine 16 N 53° W 96 Lks (= 63.36 Ft)

We find old stump - Stone around base
Viz

First we dig up Stone in E-E-W Road
+ in lap Top 1 foot below road
bed in line with old fence North
Whiteley's old stump viz
base of old pine stump about 15"
Stone around base

N 40° E 27.3 ft to about heart of stg

Another stump about 16"

N 53° W 63.35 ft to heart

(Another old pine stump stands 3 ft
left and 3 ft further away than this
last stump) For today reads 7°

Rudolph arrives at 8 am.

TWP WORK Iron Sec Cors

37

15-16-21-22-43-31 continued

Stone 'x' in Top of E-W-Road. In line with
old fence north. Whilley old B.T. Stumps
N 40° E 27.30 Ft - 15" Pine

N 53° W 63.35 " - 16" Pine

Later B.T.S. Spat grown over at base of.

O.P. 10" S 61° 30' E 74.65

JP 14 N 13° 30' W 43.85

NW Cor Town Hall S 37° 30' E 101.6 Ft

NW Cor Past of Fence S 0° 03' E about 200 Ft

Turned from almost line line South
Var Today reads 7° E for all Courses
taken

Town Hat 2583.2 S. Page 84. Book 201

Run S 63° 15' E 37.7 Find my old O. Hat
Page 84. Book 201

X slid over Hat 2583.25

Trac Cor 15-16-21-22-43-31 bears

S 49° 55' E 49.45 Ft to X in stone

Turned from Random Looking N.

Our random Line from the North
Cut 37.8 ft West of Sec Cor

Set I.M.S. N 45° E 40 also NW-SW-SE
Note: We take out the stone and put in the place 2x48" I.M.
Put stone back in hole with top + leaning against
West side of 2" M + cross just below W side of 4" cap.

Jahm W. Curo

June 23- 1928 continued

Rudolph goes to Amos Babcocks for more Dynamite while Dennis and I finish setting the Last iron wit Mon. SE ^{Mr Peter J. Roskop who owns}
NW 1/4? Sec 22. comes along and I show him his west line - about

Dennis and I drive half mile West to the School House at 1/4 Cor Bet 16-21-43-31

Whiteley's old Notes calls for

1. OBT SW also New BT. JP 10 S $31\frac{1}{2}^{\circ}$ W 163 LKS
= 107.58 Feet also NP 12 N $55\frac{1}{2}^{\circ}$ W 117 LKS
= 77.22 feet Var 7°

These trees check perfect for distance var
NP 15 N $55^{\circ}40'$ W 77.22 ft

JP 12 (Badly scorred) S $31^{\circ}37'$ W 107.58 feet
Var Today reads only 6°

Set with Gurley Transit and 300 foot steel
tape and plumb-bob Iron rod for cor
& rood as far as I can see OK as meri-
dian: Note: The rood looking $\frac{3}{4}$ mile
or so N seems to lie 1° L or west

Rams - we eat dinner with Dennis
PM

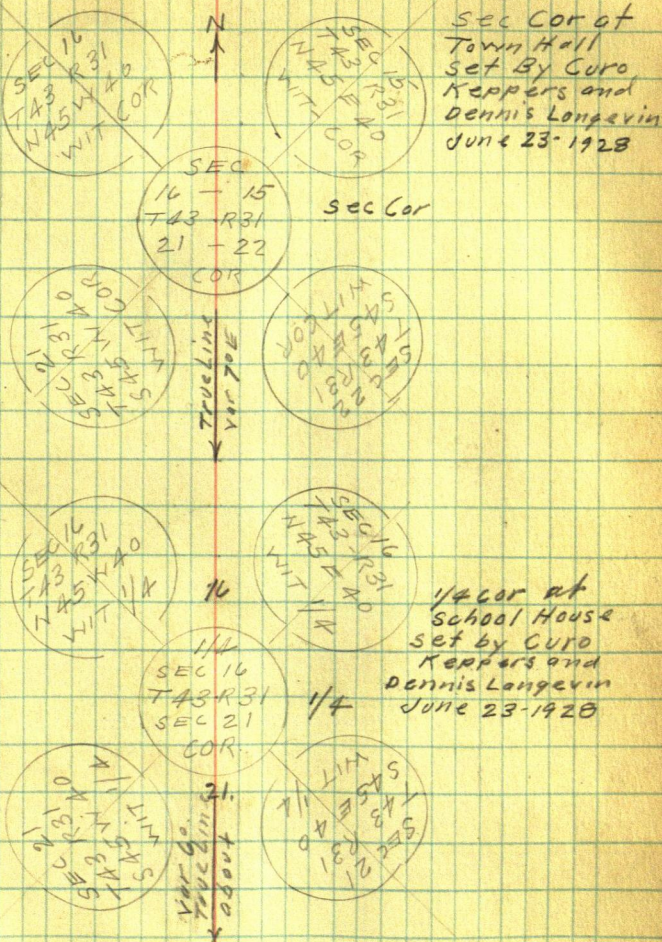
I and Rudolph mark iron monuments
Dennis digs hole N 45° E 40 ft also
NW-SW and SE

Note: Amos Babcock Tel 6 F310 Resumed

43-31
St Mothias Twp
Crow Wing Co Minn

39

June 23-1928 continued



Finish setting Irons at 4-50 Home at 5 PM

Rudolph Leaves for home at 5-15.

John W. Curo

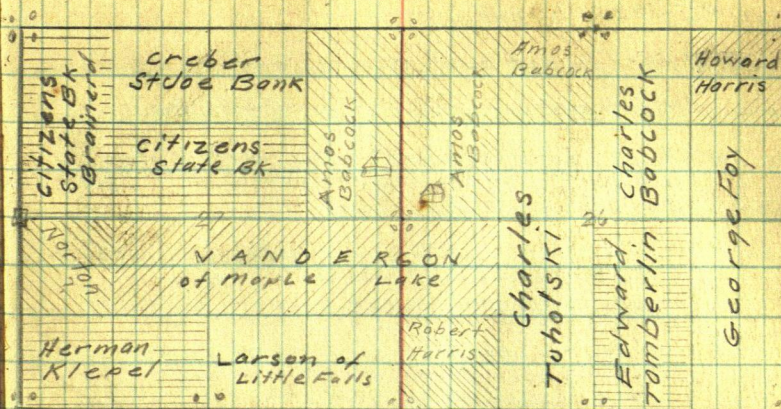
June 24-1928 Sunday

Dennis Langevin and his family go to church
I go to The young store for "rightcut" 10¢ then to
Geo Foy's Farm for Blank Twp Bills. Then to
Amos Babcocks and back home for dinner

PM

Lots of company at Dennis' I make out bills
for survey crew

T 43-R31



St Mathias Trip 43-31

June 25-1928 Monday

Town Board meet and I present Bills...

① Curo Engineering Co - cks drawn to H.J.C.

June 6-1928 - 100 Iron monuments and anchors to mark
US Section corners for road purposes 166.
Deducting for extra cost of hauling 5

Bal 161.

② Curo Engineering Co - All checks
drawn to Harold J. Curo

Engineer work and use of instruments in survey and
establishment of iron section corners for road purposes
June 7-8-9-13-14-20-21-22-23-1928 whole days and
June 6-15-16-19-1928 only half days

Total 11 days @ \$15 165.

③ Amos Babcock Superintending Survey
and est of iron section corners for road purposes

June 7-8-9-13-14-15-16-20-21-1928 - 9 days @ \$3. 27

④ Rudolph S. Keppers

superintending the survey and establishment
of iron section corners for road purposes

June 6-7-8-9-13-14-15-16-20-21-22-23-1928
= 12 days @ \$3. = \$36

Truck with survey crew. Tools and irons
on above dates = Being June 6-7-8-9-13-14-
20-21-22-23-1928 Full days and June
15 and 16 only half days = 10 days @ \$5 86.

⑤ Dennis Langerin

Assisting in survey and setting iron section
corners for road purposes

June 19-1/2 day June 22-1/2 day
" 23rd 1 day = 2. days @ \$3 \$6

Boarding surveyors in above work

June 6 to 24-1928 Both inclusive = 18 days @ \$1.11 = \$20.00

Note: Rudolph insists on paying his own board

⑥ Earl Flansberg

June 6-1928 Truck to Jenkins and back
with 100 IRMs and anchors

All paid June 25-1928

8.

479.50

TWP WORK Iron Corners

43.

June 25-1928 Continued

Town Board pay me off 161+165 = \$ 326.00
in full I go to Brainerd cash checks at
Citizen's State Bank. Buy some things
and go home to Jenkins for overnite.
Dinner at Jenkins very late.

Watch Jenkins Ladies play Kitten Ball
Note I called on Miss Cassie and learn that
Dennis Babcock is with Alma.

June 26-1928 Tuesday

Pay some bills in Jenkins also pay
and bank some at Piquet and
drive to Dennis Langevins.

Alma - Reed and Ivers P. Babcock
Junior are home at Jenkins.

Miss Langevin gets tel call
and we all go with Fabian in his
Hodge to Ft. Ripley to get Miss

Peterson from Minneapolis.
Cousin of Aldia

June 27-1928 Wed.

I write Ito Babcock 9W 9th St.
Saint Paul - Flat #5.Also to Alma for a shirt and sent
her a dollar Note. She has plenty of
money--any way but I send her the
dollar quite often just to make her smile.
Look up valis on Cor. to

20-21-28-29 - 43-31

Pg 76-77-82 Book 201.

US Natis Call For	YP 20 N 28' E 136 LKS =	89.76 Feet OK
Yellow Pine 245	46 W 145	95.70 " OK
" " 208	5 E 170	112.20 " OK.

See Page 77-Book 201.

Dennis Langevin and I Lv at 7:45
AM. Cloudy but that Sun comes out

Take my Ford: Go to Cor. T.

20-21-28-29 - 43-31

Kover True Corner = 2X12 Oak Hut
6 ft S. of E-E-W road Shimpz of NE-
SW and SE old US BTS still here Pg 77
Book 201. Focus on So Side of road E also
West and "Lay Out" points for TMS
N 45 E 40. also NW-SW and SE

Vn roads Today 8:10 Natis, ran road
7:40 Nov 24-1926 Wed.

June 27-1928 continued

At 9:15 I & L. Dennis digging and go get
Rudolph Keppers and his Ford - we are back
on the work about 10 AM. We mark rows between
Rudolph and I eat dinner at Dennis L. Grins

PM

We go 1. mil. S and 1/2 West where I miss my
glasses and drive back home in Rudolph's
car then back to where I missed them
and find them in the deep grass well
knarped in but O.K. I will mow while Rudolph
and Dennis dig holes. Set IMS.

N.

T43 R31

20 21

29 28

SEC 20
T43 R31
N45 W40
WIT. COR

SEC
20 - 21
T43 R31
29 - 28
COR

SEC 20
T43 R31
N45 W40
WIT. COR

SEC 20
T43 R31
N45 W40
WIT. COR

Standard US
Monuments Set the
regulation way
By

Curo-Langerin
and Keppers
June 27-1928

Lay out and partly set 1/4 Sec 21-28
43-31 work till 6-30.

Page 76-82-Book 201

P. 31 Book 218

@2477.1 CH E 193.02

John H. Curo

T. 2670.02 E Thm

S 17.2 T. 1/4 Cor

Plot 21-28-43-31

46

St Mathias

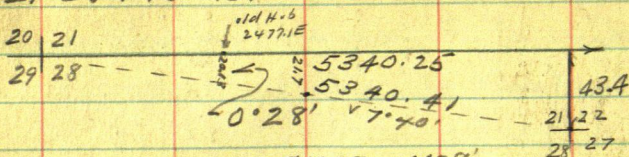
43-31

June 28-1928 Thursday

Cloudy - Cold - rainy

Correction

Bet 21-28 T43 R31



$$5340.25 / 43.4 = 1.0081273 = 0.28'$$

$$0.28'$$

Sine .00814
Cosine .99997
Tang .00815

1/4 21-28-43-31

At Old Hub 2477.1 E. we chain E 192.02
to 2670.12 East then S. 21.70 Ft
set small pin 6 Fts and 2 ft E of
E of new graded road N and W
Pin = True 1/4 Cor Bet
Secs 21-28 T43-R31

At Old Hub 2477.1 E we chain 20.13
S. to True E-W Sec Line 3. Fts of E
of E-W grade See Page 82. Book 201
The grade is about 8 paces wide
about 24 Feet wide.

BPG N19E33 = 21.78 Ft from
US Notes Coll. For BP.5539W10 = 6.60 0147

Note: Its a queer thing, but what was pointed
out to me a few years ago as the roots
and "Hale" where the old SW BT stood
checks within a few inches of where we
set our 1/4 cor and perfect for course

48

June 28-1928 Continued

St Matthias
43-31 $\frac{1}{4}$ Cor Bet 21-28-43-31 cont'd

JP 12 N 17° 10' E 56.56 Ft

Ties JP 15 S 59° E 33.40

12" Stump S 38° 40' W 27.25

Pt of old OS BT Stp Hal S 39° W 6.60 about?

TURNED FROM TRUE LINE E-W Var Today
reads 6° 40' E

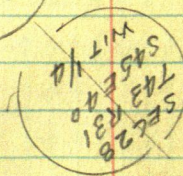
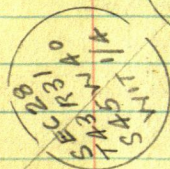
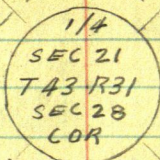
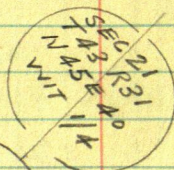
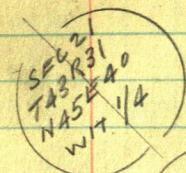
Rover $\frac{1}{4}$ Cor Focus West on line line The
 E of road $\frac{3}{4}$ mile N- bears N 0° 28' W
 NW Angle reads 89° 32'

T43R31

$\frac{1}{4}$ Set
 June 28-1928
 Cur.
 Langevin
 Keppers

(21)
 ———
 1/4
 (28)

21 17° 40'
 28



Regulation Monuments. Set regular way.

Note: Last evening we laid out this $\frac{1}{4}$ Cor
 and Dennis dug 4 Holes which took 2 $\frac{1}{2}$ Hours
 Rudolph and I MARK IRONS. In my notes after
 arriving home last nite I found I had laid out
 all points 4.45 Ft too far N. Today I make
 the correction and set true corner as
 shown above

Brot From Page 9. This Boor

Board Sheet - With Dennis Langevin

June 1928	SUN	25	26	27	28	29	30	July	SUN	1	2	3	4	5	6	7	8	9	10	
John V. Guro	B	X	S	L	S	L	S	L	S	X	X	D	B	D	B	D	B	D	B	D
Rudolph Kappers																				

Reed Curo

Alma Curo

Junior Babcock (Ivers)

Notes Rudolph S. Kappers insists on paying his own board viz
 Page 9. gives 10 dinners This page shows 8 dinners = 18 meals
 18 meals @ (only) 35¢ = \$4.50

$= 12 \text{ days} @ 1 = 12$
 $= 2 \text{ days} + 2 \frac{1}{2} = 4.50$

June 28-1928 Continued

Note

Rudolph and his Ford arrives @ 7-50 Picks up Dennis and I - Arr $\frac{1}{4}$ Cor 8.00 AM and it took us 35 minutes to Lay out the corner again

I will pay the extra cost viz

2 $\frac{1}{2}$ Hours for 1 man digging	1.00
3 Sticks Pyrotol @ $3\frac{1}{3}$ ¢ = 10¢ Fuse 1 $\frac{1}{2}$ ¢ @ 1¢	.12
	<hr/> 1.12

Note more: The 35 minutes we spend laying at true corner I will make up. We really more than made up this 35 minutes last evening as we worked till 5.35 and still later home

Last evening when I first laid out this $\frac{1}{4}$ I mistook my figures "43.4" for "34.4" no serious mistake I do this seldom - But when I do, I always "catch" it when I check up in the evening and Make no mistakes in really setting the corners

Finish Setting $\frac{1}{4}$ Cor Bet 21-28 - 43-31 at 10:30 AM and drive 1 mile N and $1\frac{1}{2}$ miles West to Cor of

17-18-19-20-43-31

OS Nalis Call for: $Y P 29 N 21^{\circ} E 150 =$
 $E 1 m 10 S 65 W 92$
 $T a m 12 N 81 W 164 = 109.24 ft OK @ 8'$

June 28-1928 continued

17-18-19-20 43-31

See Page 74-75-76 Book #201 Nov 23-1926.

We find the old US BT. N 81° W 108.24 ft
to fore of BT at base (now dim)

Checks perfect @ 7.20' var To center
of old 4x4x50" Oak Post scribed

TOUEN TRUE CORNER Lay out pt for
IN S N 45° E 40 ft also NW-SW-SE

8.20' var. Note This read 8' Nov 23-1926

OAK 6.5 11.50' W 9.40

Ties: Birch 5.5 70° 20' E 11.20

HUB in E-W Road SOUTH 38.5

LV for dinner 11.45

Ilo and Doris in a Buick called for me
at Dennis Langevins at 11-15 AM. They will
be back soon Rudolph calls with me

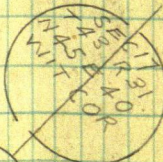
PM

Ilo and Doris returns at 12-40 stays
15 minutes and leaves again

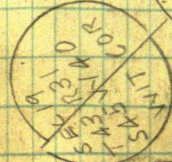
18 | 17
19 | 20



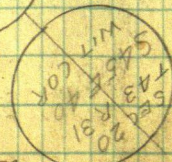
17.20' N



SEC COR
17-18-19-20
43-31 SET
June 28-1928
By CURD
D Langevin and
Keppers



38.5' Road



Road

52

June 28-1928 ContinuedWe drive $1\frac{1}{2}$ miles East to Iron Horse $\frac{1}{4}$ Bet 16-21-43-31 and chain

Went on random bet 16-21

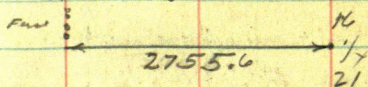
@ 235 stake near E edge of water in small lake - swing chain over water @ $235 + 210$ $= 445$ L. lake @ $235 + 300 = 535$ stake + 300 $= 835$ stake + 160 = 995 cross road SW-NE $835 + 240 = 1075$ v. Hub Breakers chain $1075 + 290 = 1365$ spike in v. wheeltrack. $1365 + 161.5 = 1526.5$ old fenceruns North: $1365 + 290 = 1655$ pin $+ 146.1 = 1801.1$ Hub so of road + 290 = 2091.1 stake in grain + 290 = 2381.1

stake in grain so of road 290 = 2671.1

stake + 83.5 = 2754.6 Hub about 1 ft

E of fence running north 2755.6

Fence runs north. Home @ 6-15 PM.



June 29-1928 Friday

Write alms and send her a third letter
Rudolph and his Ford comes @ 8 AM
at 8.05 we L with Dennis - drive
1 mile N. and 1/2 mile west to Cor

8-9-16-17

43-31

W. Oak 15° N 25° E 34.	=	22.44 FT
US Nalis Elm 103 30° E 70.	=	46.20 "
Elm 105 72° W 71.	=	46.86 "
W Ash 10 N 55° W 46.	=	30.36

We find the NW and SW stumps of old
US BTS. Directly marked from which
I set Htab by flat chain from face
of figures

Note: I chop into SW BT to find
dim "curl" of marking iron. The
NW stump identified by Frank
Victe Nov 19-1926 Friday See Page 72
Book 201.

This new old SW BT changes our ft
fixed then a few inches

Now TRUE COR 8-9-16-17-43-31

Focus S. on true line about which
falls about 1° L of our old random S
are about true line as meridian

Old BT Stump stand Vig

Elm 105 55° W	46.86 FT
W Ash 10 N 57° W	30.36 " 17000'

Measurement hold over courses, Note

54

June 29-1928 continued

8-9-16-17-43-31 continued

Our True Corner Hub is 1.50 E and 1.20 S
of our old Temporary Corner Hub 0.0, Set

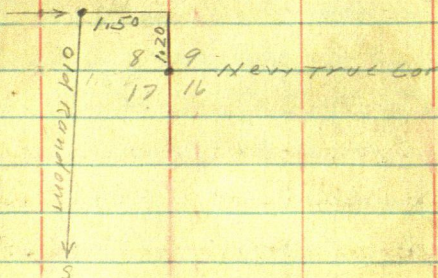
Pg 72 Book 201 Nov 19-1926.

Black Ash 91X 43°40'W 24.5

" " 8551°35'W 25.5

To flat spot at base var reads 7°

old Cor Hub 0.0,



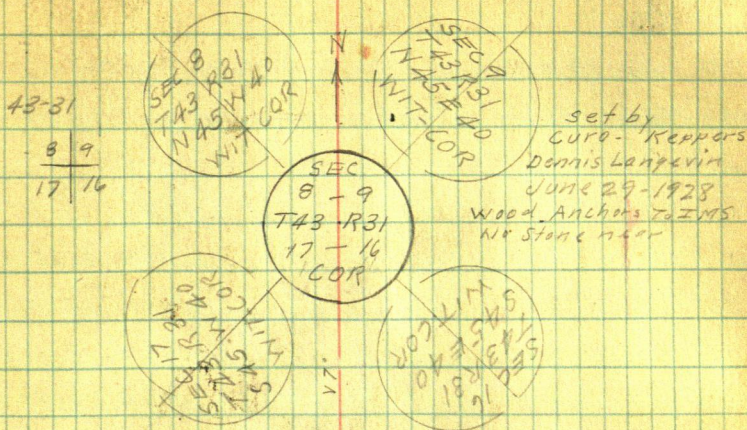
12. Noon-Dinner with Dennis Langevin
PM.

Note: My reason for moving our corner Hub
1.50 E and 1.20 S is because Whiteley's old
notes show that only these two BTS
were there 30 years ago and stood as
shown on Page 53 This book viz
N 55°W 30.36 and S 57°W 46.86

When I was here Nov 19-1926, I did not know
the old SW stump was really a heavy lie

JUNE 29, 1928 continued

St. Mathias Twp
Crow Wing Con. 55
43-31



We finish setting irons @ 2-15

Frank Viette comes along and with R over True Iron cor. I focus about 50 or on near true line, swing 90° L and start a picket line for Viette "about" where he can cut out for his line fence

Nat: I tell Veyette that I may come back this Winter and run this line East "just for fun"

Rudolph and his car go back and will meet us a mile South

Dennis and I walk over my old transit line and check timber

See Page 72 and 73 Book 201

surveyed Nov 19-1926

56

St Mathias
43-31

JUNE 29-1928 Continued

South Bet 16-17- 43-31

O.O. is 1.20 N and 1.50 W of Iron Sec Cn
Stake MKd along this line should go 1.2.5

and 1.50 E

SFK MKd

625.5	is	623.8	S	and	use	a	new	one	1.50 E	Mkd	623.8.5
-------	----	-------	---	-----	-----	---	-----	-----	--------	-----	---------

900.5	"	898.8	S	"	"	"	"	"	1.50 E	898.8	"
-------	---	-------	---	---	---	---	---	---	--------	-------	---

1576.8	"	1575.6	S	"	"	"	"	"	1.50 E	1575.6	"
--------	---	--------	---	---	---	---	---	---	--------	--------	---

2100.	S-15	2098.8	"	"	"	"	"	"	1.50 E	2098.8
-------	------	--------	---	---	---	---	---	---	--------	--------

2400	S	2398.8	"	"	"	"	"	"	1.50 E	2398.8
------	---	--------	---	---	---	---	---	---	--------	--------

2625.3	S	2624.1	"	"	"	"	"	"	1.50 E	2624.1
--------	---	--------	---	---	---	---	---	---	--------	--------

4162.7	S	4161.5	S	"	"	"	"	"	1.50 E	4161.5
--------	---	--------	---	---	---	---	---	---	--------	--------

4865.2	S	4864.0	S	"	"	"	"	"	1.50 E	4864.
--------	---	--------	---	---	---	---	---	---	--------	-------

5211.	S	5209.8	S	"	"	"	"	"	1.50 E	5209.8
-------	---	--------	---	---	---	---	---	---	--------	--------

Quit at 5.15 P.M.

Play Horse Shoes and play ball
with Aldia - Fabian and Mrs Langerin

Alma - I/O - Reed and Ivers

Junior come in the buick after we are
all in bed I visit in their car in my
night shirt give Reed \$25 to buy a
suit - they start back for Jenkins about
11-P.M.

TWP WORK 57 Iron Monuments

JUNE 30-1928 Saturday

Dennis and I in my Ford. Lve 8 am.
and hunt corners. Talk with Nepoleon
LeBlanc "LoBlaw" Bat 40 acres in 1891 or
1892 SE 1/4 NW 1/4 Sec 20-43-31 Formed 21
years this Fall. Surveyed by Knudson
about 12 years ago Will be 51 July 30
1928. Aldia's Birthday March 12
March 12-1913 to 1928 - 15 years

Paron Brothers once owned NW 1/4 20
and had it surveyed.

In center of NW 1/4 Sec 20-43-31
Dennis and I find Knudson's stake
which I tie in with the chain viz
OAK 4N about 45E 42.3
3" Fence post N about 30W 22.7 } spot at
Corner Fence post South 17.8 } base

At 1/4 Cor Bat 19-20-43-31
US Notes YP 7N 73W 47.45 = 31.02 ft
" 9N 24E 34 " = 22.44 "

Dennis and I find 2 small stakes and
stumps of both old BTS.

1/4 Cor bat 17-20-43-31
US Notes YP 20N 7E 96 = 63.36 ft OK
" 12 S 1 W 93 = 61.38
From the NE stump I set pt @ 7' 40" in
for the True 1/4 Cor 22 ft 20 of E-W road
and 27 ft E of road turning South
New BTS. NP 15N 35° 08' E 59.45 ft To next stake
NP 16N 42° 15' W 70.80 " to corner 740
17' 40"

58

St Mathias
43-31

June 30-1928 continued

1/4 Sec 17-20-43-31

Rudolph and his car meets us and we
run N-S-E of sec 20-43-31 roughly...

where Knudson surveyed it 12 years
ago and to check on our 1/4 cor.

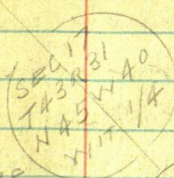
I go a mile so and run N on E sec 20
along graded hill about 150 paces

Half of east west of 1/4 cor sec 17-20

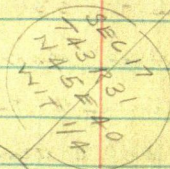
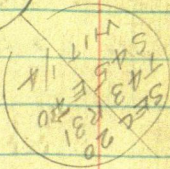
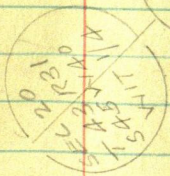
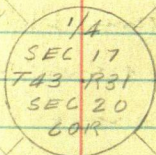
Showing

That Knudson used this corner in his
survey of sec 20-43-31

set by
Curo-Denn
Longwin
and Kephner
June 30-1928



N

17
20-1/4

Li for home @ 8-P.M. - Ilo and Jack at Mathias
Ilo takes them out riding at midnight
they go to Walker - back at 2-30 in the
morning - looking for Walker
cemetery. Alma barefooted

TWO WORK
IRONS

59

July 1-1928 Sunday

Mattie is in Maine. Ito and Jack
Mark stay with Doris. Mary^{2nd} & Dwight
Alma - Reed - Junior Babcock home

Ito and her Bunch & I drive to
Brainerd in am. Follows not
home - rains.

PM.

Reed takes me back to Dennis
Langevins - Jack and Ito go back
to St Paul They pass us on the
road but do not see us and our
Ford cannot catch them

Reed and I over mile with Dennis
Heavy storm - wind blows our Ford
against grainery

Tel Seubert Pay \$10 20th for to Dennis

July 2-1928 Monday

Reed Lvs for denkins 7-10 about
I give him a dollar. Dennis and I
Lv @ 8 AM - walk a mile west - Rudolph and
his cor arrives 8-30 we stake roughly

From Cor To 16-17-20-21-43-31

West half a mile to $\frac{1}{4}$ Bet 17-20 - From
 $\frac{1}{4}$ Bet 17-20-43-31 chain

East: Dennis and I plumb-bob
300 foot steel tape

@ 250 Stake 300 E Stake $250 + 200 =$

450 Stake $450 + 100 = 550$ Stake S. of
E-W Road $550 + 300$ over S End of

"Hale" = 850 Stake N Edge of road

$+ 300 = 1150$ Stake 1 ft S of S wheel
track. $1150 + 200 = 1350$ Stake 6.5 E

of Fence running North 1343.5 E

Stake in line with Fence North

1350 is 6 ft S of E-W road $+ 150 =$

1500 Stake $+ 186.6$ Mail Box about 3

Ft S and in line with Lewie

De Rosier Private road North $1500 + 300$

$= 1800 - 2100 - 2400$ Stakes $+ 179.2 =$

2579.2 E interest Hub in grain

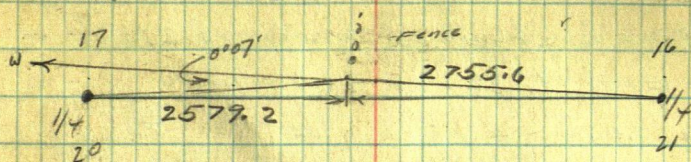
in line with fence North Hub mtd

2755.6 W.

Found 18 years
old.

$\frac{1}{4}$ 2579.2 - 2755.6 $\frac{1}{4}$

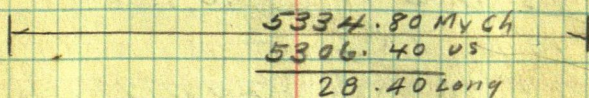
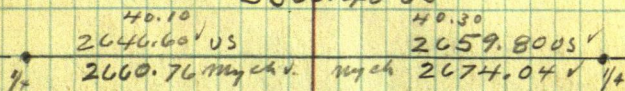
Note: At 2754.6 W we chain 1.11 W and
Set Hub 2755.6 W in line with Fence N.



Over Hub 2755.6 W Focus E on 1/4

Transit telescope the 1/4 Cor W sets 0.07's

5306.40 US



$$5306.4 \div 28.40 = .0053523 \text{ OK}$$

$$5306.4 \times 53523 = 28.40 \text{ CK}$$

$$2659.8 \times 53523 = 14.24 \text{ } \left. \begin{array}{l} \\ \end{array} \right\} 28.40 \text{ ch}$$

$$2646.6 \times 53523 = 14.16 \text{ } \left. \begin{array}{l} \\ \end{array} \right\} \checkmark$$

$$\begin{array}{r} 2646.60 \\ 14.16 \\ \hline 2660.76 \end{array}$$

$$\begin{array}{r} 2659.80 \\ 14.24 \\ \hline 2674.04 \end{array}$$

$$\begin{array}{r} 2674.04 \\ 2660.76 \text{ ch} \\ \hline 5334.80 \end{array}$$

$$\begin{array}{r} 2660.76 \quad 2674.04 \\ \hline 1330.38 \quad 1330.38 \quad 1337.02 \quad 1337.02 \end{array}$$

62

PM

To Fix Cor 16-17-20-21-43-31

Work Transition line Bet $\frac{1}{4}$ Corners - can
see Flag half mile each way at 2755.6 W
Chain East 81.56 Ft to 2674.04 W

Run over 2674.04 Focus E and W Turn
90° set picket line north also south
which fixes the position of Cor 16-
17-20-21 43-31

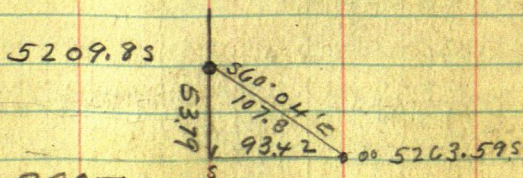
OK as to E-W

We walk South and bring up my
old Transit line north

At 5280.4 N 0.0 bears
S 80°10'E 78.2 Ft

Hot 5209.8 S bears N 19°12'W
45.40 ft V reads 7.30

At 5209.8 S, 0.0 bears
S 60°04'E 107.80 ft



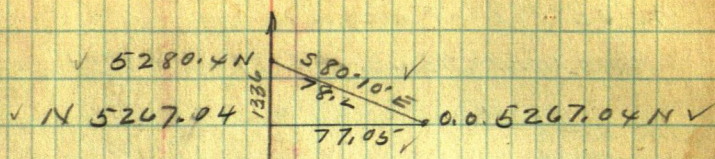
60°04'E 29°56'

$\sin 49899 \times 107.8 = 53.79 \text{ S V}$
 $\cos 86661 \times 107.8 = 93.42 \text{ E V}$

Alma, Reed, and Ivers Junior, with Mrs
Ritchie and Vivian Guthrie come out at 6 AM
I give alma \$20. more They fix Cor 16
Branched 810.

July 2-1928 continued

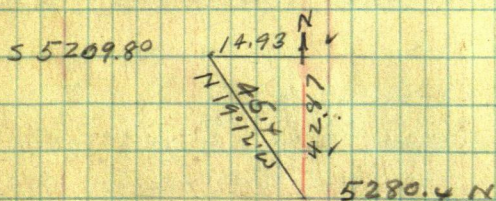
63



$$80^{\circ}10' = 9^{\circ}50'$$

$$\sin 9^{\circ}53'1 \times 78.2 = 77.05 \checkmark$$

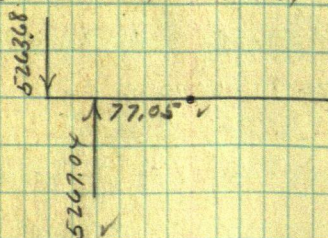
$$1708 \times 78.2 = 13.365 \checkmark$$



$$19^{\circ}12'$$

$$\sin 19^{\circ}12' 3288.7 \times 45.4 = 14.93 \checkmark$$

$$\cos 19^{\circ}12' 94438 \times 45.4 = 42.87 \checkmark$$



Note 0.0 goes 5 1.68

Note: These figures do not seem to close

0.0 goes 5.126 To true cor to sea

16-17-20-21 43-31

64

July 3-1928 Tuesday

$$5263.68 / 93.42 = 017747 = 1^{\circ}01'$$

$$\begin{array}{l} \text{SINE } 01774 \\ \text{COSINE } 99984 \end{array}$$

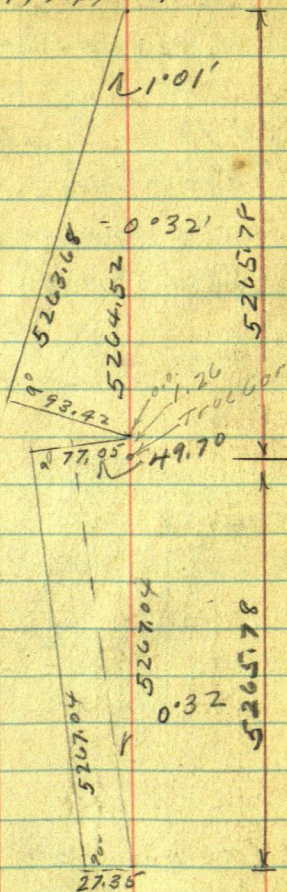
$N 1^{\circ}01'$

$$\begin{array}{l} 5267.04 / 49.70 = 09436 \\ \text{SINE } 00931 \\ \text{COSINE } 99996 \end{array}$$

$$\begin{array}{r} 5264.52 \\ 5267.04 \\ \hline 10.531.56 \\ 5265.78 \end{array}$$

$$\begin{array}{r} 5267.04 \\ 5265.78 \\ \hline 1.26 \end{array}$$

O.O. Should go 1.26 S



If figur length via true line and set Hub
O.O. South 1.26 T. TRUE COR k near

16-17-20-21-43-31

Rudolph Keppers and his Ford picks up Dennis Langevin and I @ 8 AM
Lewie DeRosier and Christopher M.

Capistrant --- adjoining land owners witness our setting the corners and altho it cuts off their old fence line they approve our work -- promise to move their fences and request us to monument the Cor To 16-17-20-21-43-31 where I have just set it with a $2 \times 2 \times 36$ " stake with Bearing lines as follows

Jack Pine	9"	N $36^{\circ}39'W$	124.65 F	} my old BTS used last year to line Hub 5280.4 ft Pg 79, Book 201
"	"	8 N $15^{\circ}13'E$	105.75	
"	"	7 N $48^{\circ}44'E$	122.52 -- new this year	

To nail in flat spot at base turned from line line looking East.

East $\frac{1}{16}$ Cor Bet 17-20-43-31

At Hub 1343.50 E we chain West 1312 ft to 1330.38 E. Work Transition line and set $2\frac{1}{2} \times 12$ " Birch hub 2 ft so of road for True $\frac{E}{16}$ Cor 17-21-43-31

Capistrant and DeRosier help and approve same. Set small Hub on line True line on hill East as SW edge of lil pale Lewis spotted pole.

66

W $\frac{1}{16}$ Bet 16-21-43-31

We all drive East to W $\frac{1}{16}$ Cor call out
Henry Langevin who helps us set his
SW Cor being W $\frac{1}{16}$ Bet 16-21-43-31

At Hub 1075. W Chain 262.02 To
1337.02 W Work π on line and set 20'
spike in N. wheel lock of E-W road for
True W $\frac{1}{16}$ Cor Bet 16-21-43-31

This as follows:

Br Oak S 40° 53' W 39.15'

White Oak S 51° 44' E 41.02

Oak 15 N 78° 37' W 174.8

all to nail in flat spot at base linned from
line E-W Line

We all go (= except Henry Langevin) to

$\frac{1}{4}$ Cor Bet 16-17-43-31

π over my old Hub 2624.105 chain with
19.2 To 2604.95 π over 2604.95 Focus S on
my old random and run

S 59° 32' E 54.2 ft and set 2x38" stake for

True $\frac{1}{4}$ Bet 16-17-43-31

It is 5.50 S and 16.5 W of old fence cor

At 5209.8 S True Cor to

16-17-20-21 43-31 above

S 59° 32' E 108.4

At Hub 5280.4 N same corner above

S 79° 16' E 78.35 ft

July 3-1928 Continued

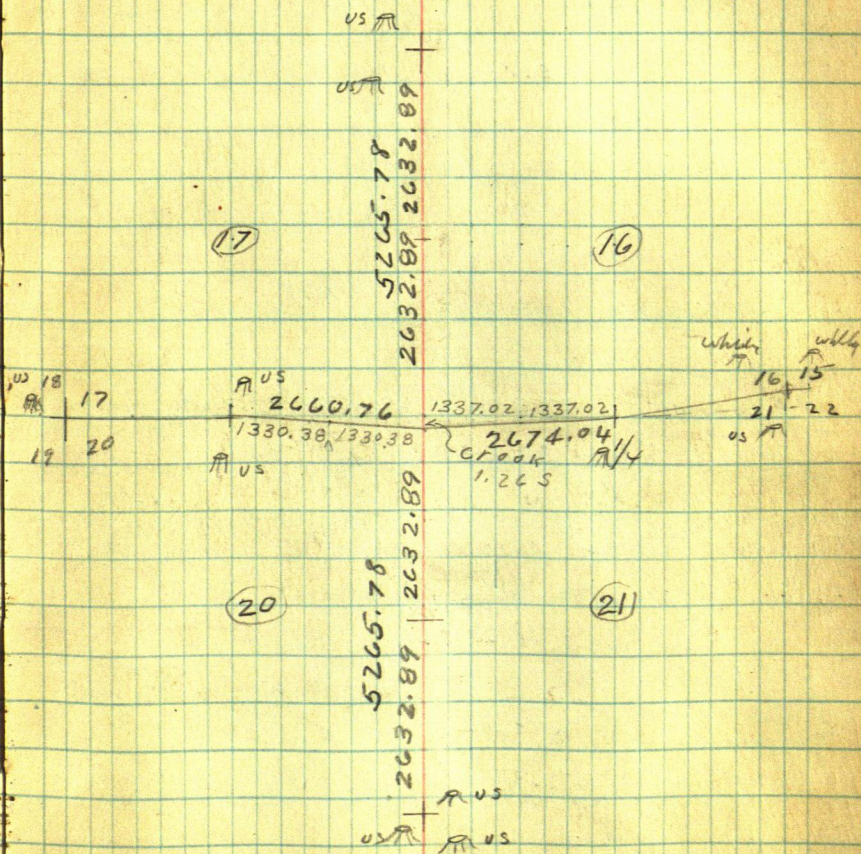
St Matthias Twp

67

43-31

Town Cor to 16-17-20-21- 43-31

a point "3/4 SW of 1st Pole" bears N 43° 40' W
16.2 where Lewis says a surveyor set the
corner 1st pole from line corner bears
N 31° 43' W 15.9 ft to spot at base 7 pole



July 3-1928 continued

Dennis^{and} Rudolph set Irons @ cor to.

16-17-20-21-43-31

The two North Irons come in so rid,
of E-W-Road and we set the tops
below ground. also 2 set low

The two South Irons come in
grain field and we set them less
than a foot above ground re-inforced
around top with 3 Big stones and small
mound at each

Get through about 4 PM

Rudolph and his car then drive
Dennis and I to look over

New Road Survey

1. mile Bet Sees 7-8-43-31 N-S.

Alma and Reed come off to me
they eat supper with Mrs Langevin
and @ 7-50 Alma-Reed and I
go for Jenkins Bay line
at Woodhead's \$6.95. Get some
clothes at Geo Fallon's for James

July 4-1928 Wed

Alma Reed and I take in the parade at Jenkins and @ 10-30 Ld for Crosby Natl. Celebration bath at Crosby and Jenkins and we take them bath in

Buy 2 tubes 31-4 and one oversize line at

\$10.50 + .50 for putting them on = \$11.00

We expect to meet Mr and Mrs Dennis Langevin and eat lunch with them but they do not come and we go back to Jenkins @ 6 PM.

See request finish "Emily" 7 to 6?

L. Alma and Junior bat Jenkins Reed and I 4.7-43. Make Mississippi Bridge in 40 minutes - 70 minutes to Langevin = 1 Hour 10 minutes Fort line no supper. We all go to the dance at Eugene Veyette's Hall

July 5-1928 Thursday

C E Peterson New Briton Minn
is here with his wife and 4
daughters

Also Uncle John

They go back to New Briton and take
Mrs Dennis Langwin and Alfred
with them. I pay Mrs Langwin
\$5. on account of board for Alma
and Reed

8 AM. Rudolph and his Ford picks up
Dennis and I begin the road line

US. Notes Say: Cor

7-8-17-18-43-31

BP 10 N 35 E 116 =
9 S 41 W 130 =

BP 7 S 58 E 64 =
" 8 N 30 W 47 =

North Bet 7-8-43-31 on 9° 12' E

3800 enter marsh SE NW

4000 Set Post for 1/4 Cor Bet 7-8

BP 6 S 33° E 179 =
00 K 6 S 7 W 300 =

4750 Lr Swamp SE NW

8000 Cor 5-6-7-8. 43-31

We drive 1/2 Iron Cor 5-6-7-8. 43-31

Focus North along road a little E of ? and
South on random bet 7-8.

300-600-900- Rough chain 1200-78:

1122 S Hub: about 1370 croaked

fence NE-SW 1500 stake 1500 + 118 =

1618 S Hub: 1800-2100-2180 Hub 2200

about enter west of open marsh E-W

Drive to dinner P.M.

Dennis and I work swamps and chain

South continue T line - rough ch

2100 + 300 = 2400 - 2700 stakes in bog

2880 L bog Fence NE-SW: 2700-221 =

2921 S. Hub: 3000-3300-3600 stakes - 69 =

3531. Hub 3900-4200-4275 Hub 4500

4755 S-Hub 4800-5100 stakes + 158 - 163 =

5263 Hub in line with stone in fence cr
+ in trip to mark line

+ bears East 51.7 ft 5280 S stake 19 ft

N of E-W road @ 5299 S = 2 road

Note: yesterday we went and met Phillip
Magner who shows us the line of
his land adjoining P.D. Flansburg

Note: Mr Flansburg is sick - very low today
and we cannot ask him about the cor to

7-8-17-18-43-31

We use the stone and cross in fence corner

ft N of E-W road as the line line

But will not set the corner.

July 6-1928 Friday

Stormy south wind. up at 5-30
Aldia chief cook

$$.09829 = 0.38'$$

1122	Goes East	11.09 ✓	(7)	5263 (8)
1618		15.90 ✓		51.7
2180		21.43 ✓		
2921		28.71 ✓		
3531		34.50 ✓		
4275		41.82 ✓		
4755		46.74 ✓		
5263		51.73 ✓		

300	gals	2.96	3000	gals	29.49
✓ 600	"	5.90	✓ 3600	"	32.44
900	"	8.85	3900	"	35.38
1200		11.80	4200	"	38.33
1500		14.74	4500	"	41.28
1800		17.69	4800	"	44.23
2100		20.64	5100	"	47.18
2400		23.59	5400	"	50.13
2700		26.54			

$$3300 \text{ gals} = 32.44$$

Rain in am. Rudolph comes over
about 9 am and we have dinner with
Langevin PM.

Dennis-Rudolph and I correct lines
bet 7-8-43-31 as shown above set
3x36" oak stakes at all places marked
thurs. & home early

July 7-1928 Saturday

I and my Ford with Reed as driver
 L. with Dennis Langevin @ 8-30 Pick
 up Amor Babcock and start to establish
 $\frac{1}{4}$ Cor But 25-26 T43 R31

Begin @ Cor to 25-26-35-36-43-31 IM ch

North on east side of road But 25-26
 Geo Foy Town Clerk corner along slants
 to rain and we drive to Foy's house for
 one hour then continue

North But 25-26-43-31

$300+600 - 146.1 = 453.9$ Hub. 950-1200
 1320 Hub 1500-1800 - $108.2 = 1691.8$ Hub

21-24 slices Home to dinner at Langevin
 @ 1-15 am 1 PM Pick up Bab and

Continue north 2640 Hub 2700-3000

3299.8 Hub 3300-3600-3950-3960

Hub: $4200 - + 228.1 = 4428.1$ Hub. 4500

4800-5100 - $+ 180 = 5280$ Hub N edge

5292.5 Hub N edge E-W road

X over 5280 N Iron Mon @ Cor

23-24-25-26-43-31 Bear N 78° E 48 ft

Beat it for home in the coming rain

4 PM. - Dennis, Fabian, Aldia, Reed
 and I drive to "Little Store" 5 1/2 miles
 and back.

Jahna W. Curo

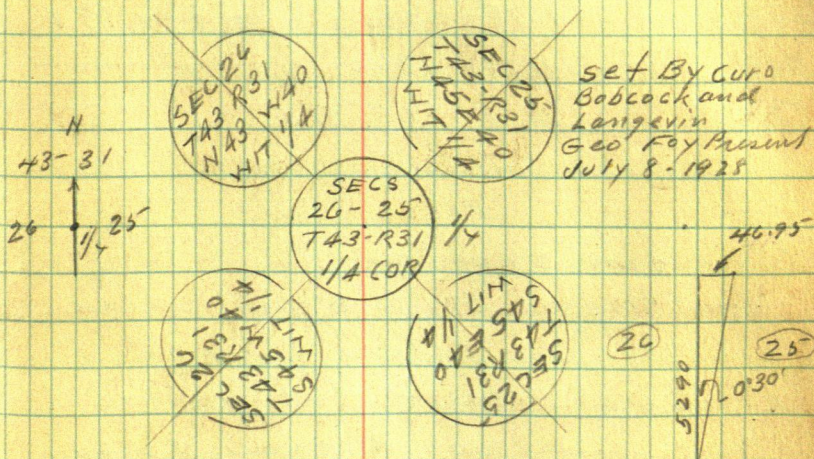
July 8-1928. Sunday

I and my Ford with Dennis Langerin
L. @ 7-30 - wait half an hour for Amos
Bobcock and finish setting 5 lions.

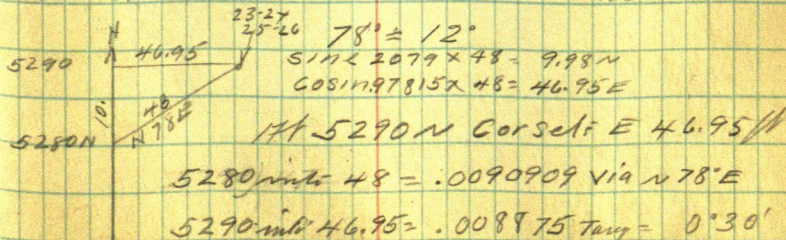
1/4 Bet 25-26-43-31

Turn 2640 N Focus on road and
run N 78° E 24. ft and set ft for

True 1/4 Bet 25-26-43-31



Set all lions N 45° E 40 also NW-SE and
SE Horn at noon PM with water



St Mathias
43-31

Correction

= N 78° E .0090909 - or East .008875			
453.9	N Goes N 78° E	4.13	or East 4.29
1320	N "	N 78° E 12.00 To S $\frac{1}{16}$ Bet	25-26
1691.8	N "	N 78° E 15.38	or East 15.02
2640.	N "	N 78° E 24. To	$\frac{1}{4}$ Bet 25-26
3299.8	N "	N 78° E 30.	or East 29.29
3960	N "	N 78° E 36. To N $\frac{1}{16}$ Bet	25-26
4428.1	N "	N 78° E 40.25	or East 39.3
5280	N "	N 78° E 48.00	or East 46.86
5290	N "	East 46.95 Ft To Cor of	$\left. \begin{matrix} 23-24 \\ 26-25 \end{matrix} \right\} 43-31$

PM

Dennis and I keep house

"Aunt Maggie" DeRosier and her kids
and car like Fabian-Aldia + Reed
omit NE to see the ball game

There may be no ball game. I figure
Corrections

July 9-1928 Monday

Breakfast with Dennis then home to
Senkins work on plat and record
notes

Note: Bal of July trying to
work out a good way to file
plat of the 38 ion corners set

78

Saint Matthias
43-31

July 28-1928 Sat

I call 17F4. Dennis Langerin Res
10am - 20° pd12-M call again and Aldia says
"Uncle Henry" says Town Board
will meet this evening 20° pdI hustle to get plat finished
but do not quite make it6:50 PM I and my Ford L
Jenkins. At St Mathias Town Hall
about 8-30 PM.Board meets. I make out my
Taxes in 2. Bills Curo Engr Co
All checker to be drawn to Harold J Curo
June 27-28-29-30 1928 4 days 60.

July 2-3-5-7-9 = 5 days 75.

I will Lr the \$60 ch till notes are
recorded.

Trip Work Iron Section Cors 79

July 28-1928 Bills

①	Curo Engr Co	60.00
②	" " "	75.00
③	Rudolph Keppers @ 3	24.00
④	Keppers Tracts @ 5	37.50
5	Dennis Langwin	28.50
6	Mrs Dennis Langwin Board cum	1.2.00
7	Amos Babcock	6.00
		<u>253.00</u>
		243.00

Aug 30 - 1928 Thursday Plating

Revised 396 copy - 44-31

31

2670.2

2641.8

2641.8

2641.B

2641.8

26418

2641.8

2641.8

34

35-

2645.95

2045.95

264595

36

9

5

4

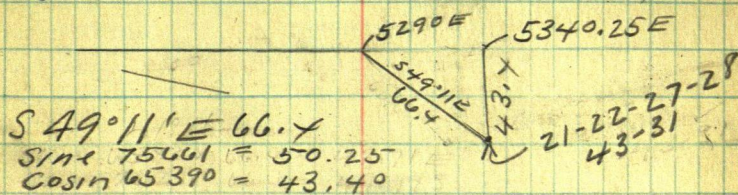
3

2

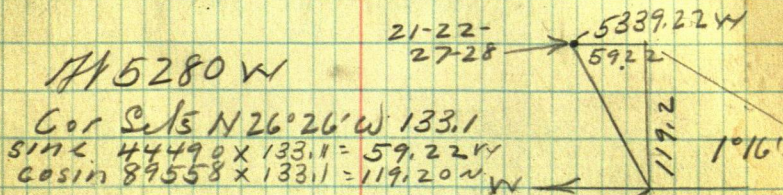
10

Note: The above copied from my old 43-31 survey record N-396 which gives Distance only - and straight on 5 1/2 miles.

Aug 30-1928 Contd. - Figuring
 Page 30 This book says
 @ 5290 E Course S 49° 11' E 66.4



See Page 46 This Book also p. 31
 $5290.0 + 50.25 = 5340.25$ E Course 43.4



1° 16' $\cos = 99.976 \times 5340.5 = 5339.22$
 5340.50 via True Line

Aug 31-1928 Friday

Figure all day and in the evening
 at home.

2670.2

Record
N^o 396Record
N^o 396

2641.8

1082.1 →

1319.6

(6)

1319.6 →

1319.6 →

2641.8

2641.8

-1134.82
mych

-1304.39

-1304.39

-1304.39

2653.9

2653.9

7

8

18

17

5265.78

19

20

2660.76
mych

5265.78

30

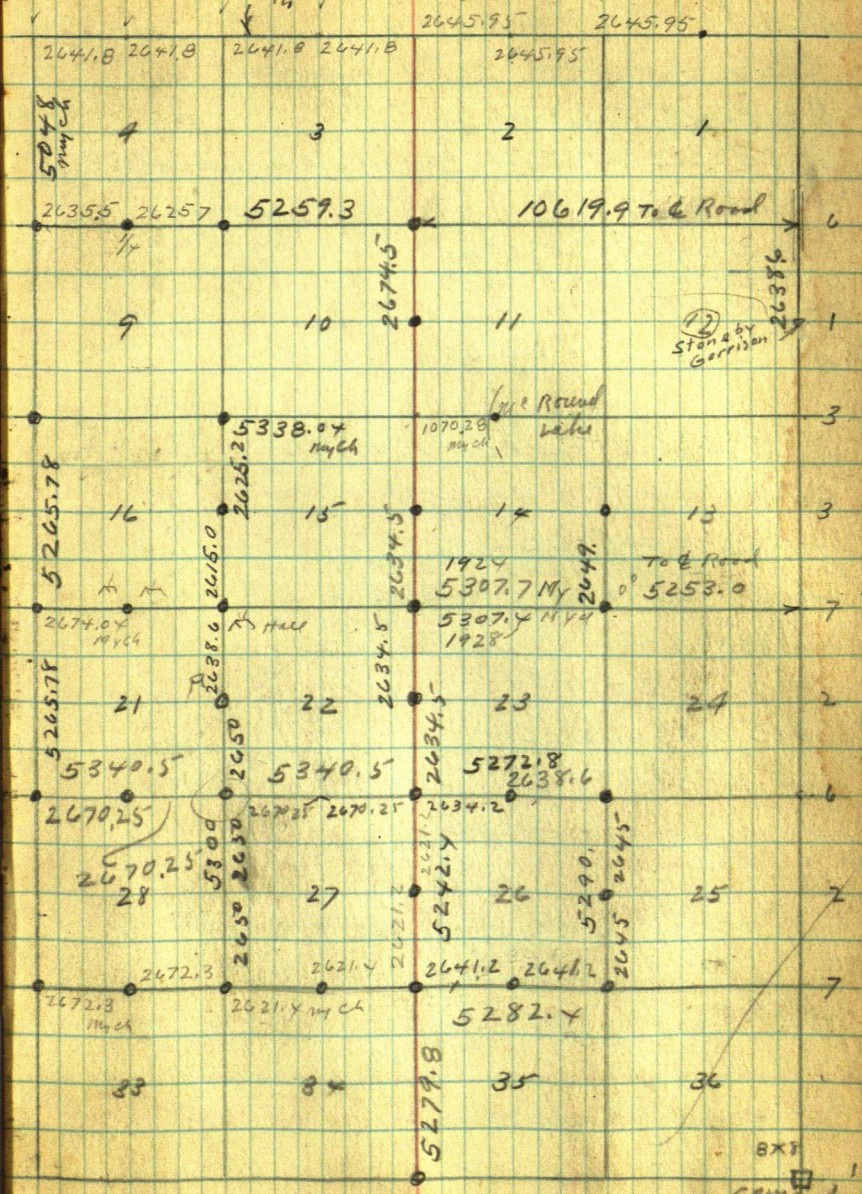
29

31

32

Twp Work platting St Molhies 43-31 83

Record
 N. 33.96
 S. 33.96
 2641.8
 2641.8
 2641.8



84

St Matthias
43-31

Sept 1-1928 Saturday

Clear and coal - still figuring

See Page 37 This book

at 2583.2 S. old Hub The old O.O. pals stood

S 63°15'E 37.7 ft

2583.25

old Hub

$$63^{\circ}15' = 26^{\circ}45'$$

$$\text{Sine } 45010 \times 37.7 = 16.97$$

$$\text{Cosine } 87298 \times 37.7 =$$

$$2000.22 \text{ S}$$

At 2600.22 S - old O.O. Set E 83.67

At 2583.2 S True Cor 15-16-21-22

Rears S 49°55'E 49.45 ft

$$49^{\circ}55' = 40^{\circ}05'$$

$$\text{Sine } 64390 \times 49.45 = 3184 \text{ S}$$

$$\text{Cosine } 76511 \times 49.45 = 3783 \text{ E}$$

Hub 2583.2 S

$$\text{At } 2583.2 + 31.84 =$$

2615.04 S - Stone Cor

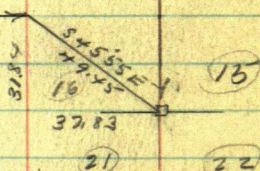
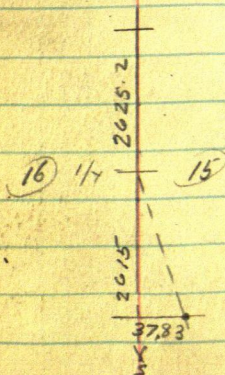
Set E 37.83 Feet

$$2653.40$$

$$\begin{array}{r} 14.82 \\ 2638.58 \end{array}$$

$$1.014466 = 0^{\circ}50'$$

$$\begin{array}{r} 2615 \overline{) 3783} \\ 2615 \\ \hline 11680 \\ 10460 \\ \hline 12200 \\ 10460 \\ \hline 17400 \\ 15690 \\ \hline 17100 \end{array}$$

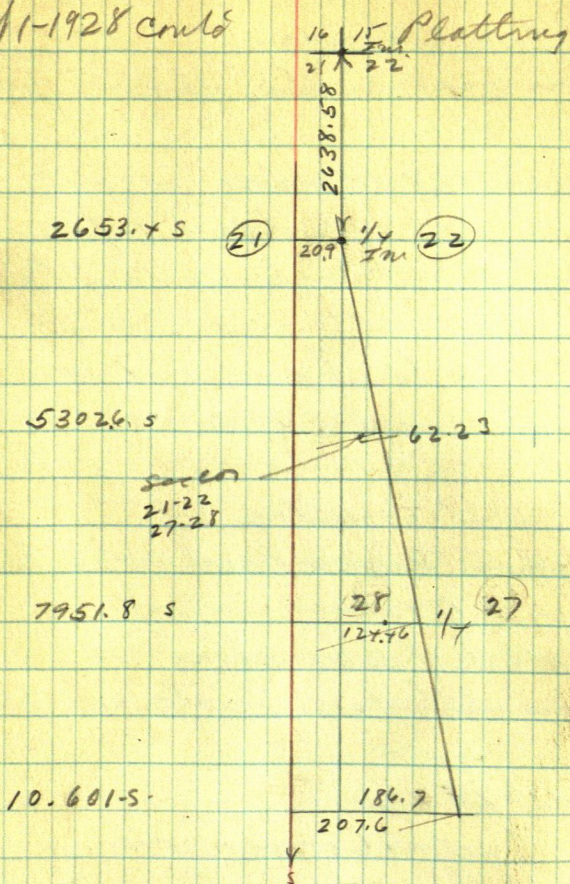


14.82 FT

Platting Twp Work

85

Sept 11-1928 could



Note: For old Co records which may
 be on IMS along r Bdry Svys
 made by Crow Wing Twp See
 old records **396-402-421-**
424-427 and many more

John W. Curo

①

Sept 2-1928 Sunday
Still on plat in my office at Jenkins

Sept 3rd 1928 Monday
Finish plat - certify to before
Margaret Kemper Valeriy Public
time expires
Mail map to Electric Blueprint
Co 355 Minnesota St Saint Paul

Sept 4-1928 Tuesday
Labor day Alma Reed and I take
plat and 5 blueprints of
Maple Hill Cemetery
L. same with Jacob Johnson Sec.

Sept 5-1928 Wed.
Plat of "Section Corners Monumented"
Saint Mathias Twp 43-31-4 PM
Minnesota" and blue prints
arrive at noon and at
4-30 PM. I and my Ford L.
Jenkins drive to Brainard and
to Geo Foy farm. Supper with
Amos - sleep at Elod Baberchen

John W. Cur

Subdivision
Private Work 87
26-43-31

(2)

Sept 6-1928 Thursday

I decide to Subdivide, see 26-43-31

Free of cost to the land owners

See Page 41- This book.

Breakfast with Lyman Babcock Sr.

8-A.M. Char Babcock with his

Ford Coop brings Tom Harris and
we set 6 ft stakes at all 8 ^{corners} around see 26-43-31

Find N $\frac{1}{16}$ Cor bet 26-27-43-31

Page 117 Book 209 July 3-1925

Call for $1\frac{1}{2} \times 52$ " I.M. 1975 $\frac{1}{2}$

NP Slump 15 N $21^{\circ}34'$ W 93.30

NP 10 S $71^{\circ}59'$ W 81.92 nail in bore

We find this N $\frac{1}{16}$ I.M. and set flag

Char dinner Tom home & his dinner
comes back and eats with me until 2:00
P.M.

S $\frac{1}{16}$ Bet 26-27-43-31 very old nails

Page 116 Book 209 call for 2×20 pine that
Oak 10 S $78^{\circ}53'$ W 93.95
Oak 6 N $34^{\circ}34'$ E 56.42

Tom Harris comes and we dinner so

We find the 2×20 " that in a edge of plowed
field and set 6 foot picket in stake hole old
BTS check perfect N.E oak has been cut down
We find spot and nail in bore of stump

(3)

T over I.M. at SW Cor Sec 26-43-31
 Focus Easton $\frac{1}{4}$ Cor amp NE angle to
 S $\frac{1}{16}$ Cor Focus East
 Plate "0" reads $89^{\circ}58'$
 " " " " $90^{\circ}00'$
 " 99 " " $90^{\circ}00'$
 " 90 " " $90^{\circ}00'$
 " " " " $89^{\circ}59\frac{1}{2}'$

OK Call NE Angle @ SW Cor 90° Flat
 See Plat Page 41 This Book also 83
 Beg @ SW Cor 26-43-31 chas and \pm chain
 East along true line $3-6-9-12+100=1300$ pin
 West From $\frac{1}{4}$ $3-6-9-12+100=1300$ W
 Dist bet pins $40.70 @ 1320.85$ ^{7-1320.85} E also W set
 West $\frac{1}{16}$ Cor Bet 26-35-43-31 about
 14 ft N of E-W road set $2 \times 24"$ Pine Hub
 Chained perfect

27	26	2641.4
34	35	2640.7

(26)

July 3-1925 P 9116 BH 209
 1/2 Sept 6-1928

(35)

Note: Diff in ch 2641.4 July 3-1925
 equals 2640.70 Today Aug 6-1928

T. over W $\frac{1}{16}$ Focus E on line line
 Plate "0" Ron N. 000714 $N 0^{\circ}02\frac{1}{2}' W$
 This should hit W $\frac{1}{16}$ a mile N Bet
 North $0^{\circ}03' W$ on
 West $\frac{1}{16}$ line Sec 26-43-31

④
 @ 300-pin, @ 514 enter corn 30 ft
 E of SW cor - 575.8 Hub in corn

@ about 80 rods ~ set Hat

@ about 1500 ~ set fall picket

Double center cut 1/2 inch E =

E edge of picket. Out 5-50

Eat supper with Chas

Babcock and his wife

Bernice Morcomb Babcock

Her sister and a friend Miss
 Brandt

eat supper with us. Lee calls

Queen mile with Charles

Sept 7-1928 Friday

Breakfast with Charles who drives me
 to Amos where I write & send Alma
 a letter. Take my own car and pick
 up a crew Chas Tutolski^{2d} Tom Harris
 Note: I take Bettie Babcock 7. li school and
 let her drive my Ford.

Work on line and By @ 1/4 N Sedona
 East on N side 26-43-31- Start @ 1/2

90. + 300 + 10 = 400 fm 700 - 727.15 Hat. 1000

Pin 1020 Bink Thens down hill P.M. Ch

1300 - fm Then walk 8 rods E to cor

(5)

Secor 23-24-25-26. Chain company

West 3-6 9-12 - + 100-1300 W pin

Dist bet pins $38.6 = 2638.6 - 1319.3$

Hab & E-W-Road = E $\frac{1}{16}$ Bet 23-26

43-31 - Dinner with Amos

PM

Tuholski- and Tom Harris cut and flag
line N-S thro & see 26

Work π on line 50 rods S of $\frac{1}{4}$
Cor on N Side and look 1/2 tall fly
at $\frac{1}{4}$ or mil. S.

3-PM Fred Foy and his car
meet us @ $\frac{1}{4}$ on E Side 26 -
Find my old Habr Pg 74 This took

@ 3960 run N 78° E 36 ft set tall fly @
N $\frac{1}{16}$ bet 25-26 - and @ 1320 run
N 78° E 12 ft set fly for Tame

S $\frac{1}{16}$ Bet 25-26-43-31 in swp.

all three corners S $\frac{1}{16}$ - $\frac{1}{4}$ and N $\frac{1}{16}$
set about 20 ft E of E-W road Work
late supper with Lyman Bab &
sleep at Charles Babcocks

Sept Board Sheet Working For Owners of Sec 26 - Free

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

With Amos and Ivy Babcock

John W Curo

John Stevens Pope
Margaret Hershey
Edith

Jennie Rebecca Pope

With Lyman Babcock

John W Curo

With Charles Babcock (Bernice)

With Dennis - Langevin "Cassie"

John W Curo

Board Sheet Working For Owners of Sec 23 - 43-31

With Jim Grieson and His Mother Mrs Christenson

DB DB DB DB B
SL SL SL SL SL

Board Sheet Working For Owners of Sec 26 - 43-31

With Mrs. and Mr Fred Fox Sr

John W Curo

DB DB B
SL SL

⑦

Sept 8-1928 Saturday

cloudy. Breakfast with Charles-Babcock

Meet Chas Toholki and Fred Foy @ $\frac{1}{4}$ bet 26-27-43-31T over $\frac{1}{4}$ Cor. Focus N Run $0^{\circ}15\frac{1}{2}'$ LEast on $\frac{1}{2}$ Sec 26-43-31-N $89^{\circ}44\frac{1}{2}'$ ECut line and hub $\frac{1}{2}$ mile - light rain

I take dinner with Amor and Ivy

P.M.

Amos Babcock - Fred Foy - Chas Toholski
 John W Curo - Gurley transit double center
 Hub no chain continues

East on $\frac{1}{2}$ Sec 26-43-31 set line of
 pegs where we cross all N-S - $\frac{1}{16}$ lines
 about and at One mile - Not chained
 $\frac{1}{4}$ Cor on E. Side sets North 1.05 Ft

Correcting Back

At pt where we cross True N-S. &
 we set our pegs N. 52 of foot Intersect
 True N-S-E-W Lines Set 2x2' Hub
 True center - 1.5 ft E of N-S-Fence
 Walk West and Continue
 West $\frac{1}{16}$ Line a mile North

Supper with Amor One mile with
 Mrs Langevin - Fabron - Aldis and
 Fred.

94

⑨

Sept 9-1928 Sunday

Breakfast with Mrs Langevin
 Rain --- Dennis is expedited home
 10-day from N. Dak where he has been
 3 weeks with Lewie DeRosier and
 "Uncle John" Parson

10-AM. I pay Mrs Langevin 50¢ in
 full and Lr for Babcocks - Aldia
 and Fabian leaving for church
 dinner with Lyman Babcock Sr
 Noli: Aunt Lervest "Nittie" Babcock
 and Yvonne Babcock - of Idaho
 came there yesterday

Lec Babcock & wife, Charlie & wife
 and others have a family gathering
 there and eat chicken dinner

PM

1-30 - Lec - Arner and Lyman Sr
 go with me to S $\frac{1}{16}$ bet 26-27

43-31 Focus 0.0 plat. So on Sec 3
 Turn 90° 08' L and run

East on 20 $\frac{1}{16}$ line: @ 1.0 mi
 S $\frac{1}{16}$ bet 25-26 - 43-31 bear N 2.55 ft
 Lec and family eat supper with me
 at Earl Babcock. Sleep @ Chas B.

Time Sheet Working For Owners See 26-43-31																		
1928 Sept	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
John W Curo ^{1/2}	1	1	1	1	1/2 PM	File Rain						0		1	1			
Expense					0	1/2						0						
Ford Car Curo	1	1	1	1	1/2 PM	1/2						0		1	1			
Amos Babcock				1/2 PM	1/2 PM	1/2 For						0						
Amos Car					0							0						
Chas Babcock	1				0							0			1			
Chas " Ford	1				0							0			1			
Tom Harris	1	1			0							0						
Chas Toholtski		1	1	1	0							0						
Fred Foy				1	0							0						
Lee Babcock					1/2 PM							0						
Lymon Babcock Sr					1/2 PM							0						
James Patrick Morphy					0							0		3/4	1			

Sept 10-1928 Monday

Cloudy - mist - rain. Breakfast
with Charles and Bernice (81st of Amos)
in Ellen

Amos puts 5 gals gas in my
Ford. Amos and I drive to Geo
Foy farm - get my Trap Warrant
previously left with Town Clerk
Drive to Bainerd where we W plot
to File in office of Reg of deeds

Plot of Section Corners Monumented
Saint Mathias Trap Crow Wing Co
Mn. T 43-R 31

Note: Earl Jenkins say he will
send us a bill for recording as
soon as he looks up cost etc

As the plot of my survey
has just been filed Amos bonds
me my Trap Warrant \$60.

which I cash at Citizens State
Bk. - we get 18 pieces Iron
Pfd @ shape called 100 pounds
I pay \$1. home with Amos find him
PM. Still rain - supper with Lyman Sr
Sleep at Charles Babcock farm

John McCune

12

Sept 11-1928 Tues

Still raining Breakfast with Charles and Bernice. Drive to Amor and start for home like Betty's Babcock to School. Tom Horner says he placed stone "near" $\frac{1}{4}$ Cor bet 23-24-43-31 and that it may not be correct and for me to "put it in right".

Tom also would like to check chain 80 rods from Cor 23-24-25-26-43-31 South to my newly set $\frac{1}{16}$ Cor

I drive back to Babcock's get my 300 ft steel tape Tom and I beg @ till pale I set for

TRUE N $\frac{1}{16}$ Bet 25-26-43-31 as North along road 3-6-9-12 + 123.5' = 1323.5 ft vs plumb-bob = 1322.5 ft my line plumb-bob chain

This satisfies Tom Horner. He gives me a good cigar and I drive to Brainerd at Ct Ho 10 AM Copy Reservation line notes till 12- Eat at Brady's -- PM Copy notes at Ct Ho till 5 PM and drive home to Jenkins for over night. See Ludwig Matson at Piquet about sowing his pine log & trees 31 to above

98

13

Sec 26-43-31

Sept 12-1928 Wed

All day in office at Jenkins. Work in
office - Got Confined at Piquet \$5.50

\$7.50 To Salts Filling Station full

\$2 To Alma

Eat Breakfast - dinner - supper at
Lousover St. sleep at home

Sept 13-1928 Thursday

Send Art Still \$2. lodg. dues

\$5 to HA Kostus on house rent Write
Allawa Mfg Co Allawa Kansan

L. fr Beaumont 9-AM. Pay Farmers

State Bk \$5. Ar Beaumont 10-30

Eat at Beadys - send \$1. to Alma

Ar Bob cochr 11-30 get sawing
rig and drive to Walt Peterson's
Write notes while he eats dinnerCarried To Page 117

Private Work
Subdivision 99
23-43-36

Sept 13-1428

(14A)

Peterson-Bros and Grieson

Partial Subdivision of

Sec 23-43-31

Private work

P.M.

8008 = 5285.28 Ft + US = 5307.4 My chain

= 22.12 Long

5307.4 my chain at 1928

1326.85
my ch

1692.45
1116.72 US

OK 1326.85
My chain

1326.85
my chain

my ch
205
OK

Lot 2 =
29.24 A US

Lot 1
= 50.76 A
US

Jim
Grieson

Ben
Grieson

1323.18

1323.18

5292.73

560.
28

Mrs. C. H. Peterson
Elmer

Mrs. C. H. Peterson
Elmer

Pipe

1323.18

1323.18

1400 Pipe 1319.3

1319.3

1.65
Ft

Mitchell
St. Cloud

(15) (B)

Sept 13-1928 Continued

12-50 PM. Walter Peterson? I
and my Ford pick up James I
Grierson and drive to Cor

13-14-23-24-43-31

where we dig up IM and set flag
back π 80 rods west in π wheel
lock and set 10th nail and red
patch in π wheel lock from
nail chain East 300-342.85
Spike under lantern 300+300
= 600-900-1200 + 1257.65

West along road 914.80
spike: 1257.65 nail 1557.65
1857.65-2157.65-2457.65
2757.65 set pins

$$2457.65 + 221.50 = 2679.15 W$$

Spike π over 2679.15 π chain from
2757.65 - 300-600-900 = 3657.65

Set stake about 20 ft W of old Reservoir
Line + 300-600-900 = 4557.65 Pin
+ 172.05 = 4729.70 Hub spike
 π wheel lock

Offset 3 ft 20 From E on pin 3 ft 20
Run West and set flag 4 ft N of IM

Sent 13-1928 cont'd

(16) (C)

over pin 3. ~~1/2~~ of Spike Hut 4729.7 W

14-15-22-23-43-31 IM bears

West $0^{\circ}26'S = 0^{\circ}26'L$. $300 + 277.7 =$

577.70 feet distant

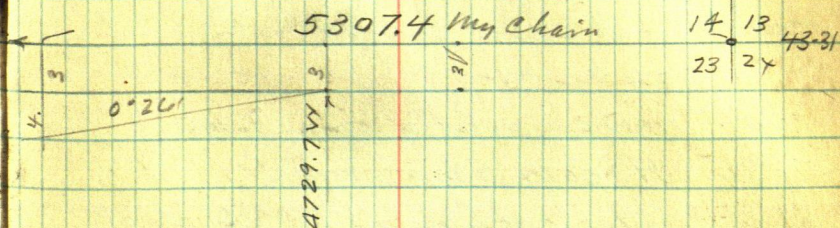
$0^{\circ}26'$

$\sin 00756 \times 577.7 = 4.37$ Feet

$\cos 99997 \times 577.7 = 577.7$

Note: The distance so measured only

4.00 feet there must be something



At 5307.4 W Cor Sals So 7.37 (or 7)

Correction Try just 7.11

$5307.7 \text{ into } 7 = .00132 = 0^{\circ}05'$

914.80 W goes S 1.21

1257.65 W. Goes S 1.66

2679.15 W " S 3.54

3657.65 W " S 4.83

4729.70 W " S 6.24

5307.40 W " S 7.00

Supper and over with Jim Grieson
and his mother Christine Peetz Grieson.
Christenson. - Ben Grieson lives near.

Jabon W. Curo

Sept 14-1928 Friday ^{(17) D}

Rained hard all night Still pouring Copy Notes

Reservation Line US Field Notes Say

--- "Southerly" etc. on East Boundary

In Sec 14-43-31

8305 Intersect line bet 14 and 23, West

16. ⁹³/₃₂ chains from 2" sec post

Set post at Intersection Point From which

ASPEN 3" S 12 1/2° E 108 LINKS
NO other near

From post at IP bet Secs 14 and 23

In Sec 23-

7000 Narrow point of Tam Swamp

7130 Stream 5 Links wide

8113 Intersect line bet 23-26 East

0.02 1/2 Chains from 2" sec post

Set post at intersection From which

YP 12 N 62. 1/4° E 95 LINKS =
YP 10 S 15° W 87 "

From post @ IP Bet Secs 23-26 -43-31

In Sec 26- Sept 30-1857

2946

4650 a pond 6 Chs E x W 5 chains across

7500 Enter open swamp

8100 Cross Ridge in Swamp E-W

8232 1/2 intersect blazed line Bet 26-35

East 18.77 Chs from 2" sec post

Set post @ IP. YP 16 N 83. 1/4° W 77. 1/2 LINKS
" 14 S 81° E 136.

(18) E Private work
 Subdivision 103
 23-43-31

(23) 43-31

Time Sheet Working for Drivers of Sec		9	10	11	12	13	14	15	16	17	18
1928 Sept	SUN	0	-	-	-	1/2 PM	1	1	SUN	1	1/4 AM
John W Curo		0	-	-	-	1	To and from notes	1	1	1	1
Car		0	-	-	-	-	2/25	-	-	-	-
Expense		0	-	-	-	-	82	-	-	-	-
Walter Peterson		0	-	-	-	1/2 PM	-	1	1	-	-
James I. Grieson		0	-	-	-	1/2 PM	-	1	1/2 AM	1	1/4 AM
Wm J. Martin		0	-	-	-	-	-	-	1	-	-
Walt's Car		0	-	-	-	-	-	-	1	-	-
Elmer Peterson		0	-	-	-	-	-	-	1/2 PM	1	-

(19)F

Sec 23-743-R31

Correction = .004185

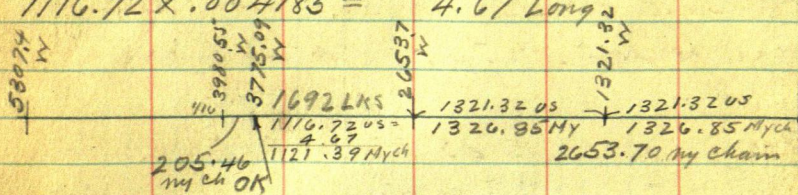
Hs to Length E-W Bet 14-23-43-31

5285.28 Feet (= 8008 Lks US) US Chain =

5307.40 " My chain to-day = 22.12 Long

5285.28 into 22.12 = .00418521

1116.72 x .004185 = 4.67 Long



$$1321.32^{US} + 5.53 = 1326.85 = E \frac{1}{16}$$

$$2642.64^{OS} + 11.06 = 2653.70 = \frac{1}{4} Cor$$

$$3963.96^{OS} + 16.59 = 3980.55 W = W \frac{1}{16}$$

$$5285.28^{OS} + 22.12 = 5307.4 \text{ my chain}$$

$$1116.72 US + 4.67 = 1121.39 \text{ my chain}$$

$$2653.70 \text{ Mych} + 1121.39 \text{ Mych} = 3775.09 W$$

= IP of Reservation Line Bet 14-23

$$3775.09 \text{ my ch} + 205.46 \text{ my ch} = 3980.55 W \frac{1}{16}$$

At 10-30 AM rain stops.

Work 2 Hours in AM on figures

Dinner with Jim Grierson and his mother PM Starts heavy rain

I drive to Beamed Get 80 x 3 pipe
 Pay a P \$1. for 100 ft. Drive to Crow Wing See
 Freeman Young - Lawrence Coring - Fabron &
 Puffer and over mt. with Grierson
 817. alma

Sept 15-1928 Sat

Clear and Cool Send \$1.75 to Alma.

Jim Grison and I meet Walt Peterson in road near his place

Hat 1257.65 W Ch So 1.66 set 15" iron pin and red flag On True Line: Drive West to 4729.70 W Ch So 6.24

Set π 0.15 W of 4729.70 = 4729.85 ft under π Ch E 20.75 to 4729.15 W 4729.15 W 16.9 spikes and red patch On True line 2 ft N of East big rock in Walt Peterson's driveway 4729.70 Spike on line line under π but 0.15 of a foot E of π and in So wheel track E-W Road

Fabien Langevin and his road drag drives East at 9:00 AM.

Walt walks East and sets Spike Hat on True line near $\frac{1}{2}$ and near old fence on Res Line I figure

Note: My US Field Notes do Not check quite. Plat seems to say Res Line. At 14 and 23-43-31 is 16.92 Chans = 1116.72 Transcript Notes say 16.72 = 1103.52 ft 13.20 ft difference \approx OK 16.92

As I have it figured on Page 104 This Book. As to plat 1116.72 (= 16.92 Ch's US)

$$1116.72 \times .00418521 = 4.67 \text{ Long}$$

$$1103.52 \times .00418521 = 4.62 \text{ Long Nix-Not Used}$$

$$\text{OK } 1116.72 + 4.67 = 1121.39 + 2653.7 = 3775.09 \text{ W}$$

$$\text{NG } 1103.52 + 4.62 = 1108.14 + 2653.7 = \underline{3761.84}$$

13.25

From Hat 3657.65 W Chain
West

51.65 T.

3709.30 Hat spike

On True Line under T

Nali: To get the point under Liament
we chain 160 point 3 ft N @ 90.

From spike under T ch

West 52.54 To 3761.84 spike NG ^{Not} Used

" 65.79 To 3775.09 OK True Cor

Note: I set the 2. Hats (Spikes)
and tell Walt that one or the other
the East spike or west spike will be

True Corner

3761.84 = Temp Cor sets 50.5 W of
Culvert and 122 ft West of general course
of old fence running SE

True Cor sets $50.5 + 13.25 = 63.75$ W of
culvert
and $122 + 13.25 = 135$ W of old fence SE

Private Work
Subdivision 107
22 = 23-43-31

Sept 15-1928 Cont'd

Now spike Hub on True Line 0.30 of
a foot East of Hat 2679.15 = 2678.85 W Ch
East 25.15 To 2653.70 W. also E =

1/4 Bet 14th 23-TH3-R31

Drive 2X36" Iron Pipe in wheel track

7" Tel Pole N73°30'E 103.50

8" Tel Pole N71°35'W 98.75

6" Fence Post S23°10'W 36.20

3" " " S34°00'E 40.40

2X36" pine stake 90° South 33.30 To

head of stake under fence E-W

Turned from true line looking E

11-30 AM Walt goes home to dinner

Jim and I drive East to Hat 1257.65
W from which we chain West

West 63.67 To 1321.32 W

1321.32
1257.65
63.67

where we set Iron pipe

Nat'l: Pull this up again or
it should go 5.53 ft further West
Dinner with Jim

P.M.

I drive to Branford to copy notes
at Ct House and find the dist-
from 1/4 Cor W to Res Line is 1692.1165
= 1116.72 Ft OK. So that our West
Spike is True Res Body

Sept 15-1928 continued

I get 5 gals gas \$1.06 drive
back pick up Jim Grierson
and we drive West - call Walter
Peterson who wants to check chain
West - I tell them the distance is
1532.31 feet then Walter Peterson
and James Grierson take my 300
foot chain and Begamy spike
Nail on Reservation Line 135. feet
West of old fence and 63.75 ft W of
Calcutt they chain

West 300-600-900-1200-1500
+ 33 = 1533 feet - ^{rough chain} Note: they use no
plumb bob only rough chain down
hill - this is really 1532.31 my
true chain This satisfies them
both - and they drive a 2x36" Iron
pipe in E E W - road for the true
Intersection Corner of the Sec
line and Reservation line which
fixes the true line let their
land Walter holds the iron pipe
over my spike and Jim drives
it in with sledge. That's that
Saffer and over mile with
Wm Grierson & Jim James Curro

Sept 16-1928 Sunday

Running Reservation Line

Nathan Peterson and his car takes Wm J. "Bill" Martin 18 - (son of Albert Martin of Valley City N.D.) and place red flag in Iron Pipe = True Cor Intersection of Res Line and sec line bet 14-23-43-31

I and my car take Jim Grierson and meet them and we drive E-S-W to $\frac{1}{4}$ Cor Bet 23-26-43-31 where we claim E of 1.65 feet and set 2x36" iron pipe on

True Reservation Line at IP of sec line Over which I set π and run N 12° W about

They cut trees until I can see flag a mile N. on Res Line and we set a line of Hub NW along True Reservation line this Sec 23-43-31

Jim & Walt chain rough from $\frac{1}{4}$ on W side of sec 23 - E of 2 chs = 2100 feet to pt about 28 ft E of my true reservation line. Dinner at

Jim - We eat a Rooster I shot thro the head with my Luger '30"

Sept 16-1928 cont'd. PM.

Jim goes to Beavine to see his
girl - Walt and his car with Bill
and Edmer Peterson meet me at
Charles Babcock's house where I
drive a hub O.O.E. of N-S. road
Focus to on red flag @ 2m

23-24-25-26-43-31

Rudolph Keppers and his Ford
comes along From O.O. Walt & I
South along random 3-6-9-12
+ 192.8 = 1392.8 Corner From

23-24-25-26-43-31

North on random

1392.80 Hub & Tack Thence

1301.40 3-6-9-12 + 101.4 = 1301.4

2694.20 Hub 57 ft N of fence

2637.2 N Fence runs W

2694.2 Hub Continue

N 3-6-9-12-15-18.00 + 13.8 =

1813.8 - Walt Flag and chain BP 260 car Hub

4508.0 Hub Quit at 5-30

Private Work
Subdivision
23-43-31

(20 00)

111

Sept 17-1928 Monday

I and my Ford with Jim Grierson pick up
Elmer Peterson T over 4508.0 Contineer

North bet 23-24-43-31 - $3-6 + 185.9 =$

4508.0

785.9

5293.9

spike in road from which cor
13-14-23-24 43-31 sets

$877^{\circ}50'W$ 5.55 Feet =

$12^{\circ}10'$ $\sin 21076 \times 5.55 = 1.17$
 $\cos 97754 \times 5.55 = 5.43$

13-14-23-24

45292.73 N Cor set W 5.43

$5292.73 \div 5.43 (= .001026 W$

From 4508 N ch N 68.8 T.

4576.8 N set pin

Correction

5292.73 N Goes W 5.43 = .001026 W

4576.80 " " W 4.70 Hat $\frac{50714 \times 12}{\text{Iron Pipe V}}$

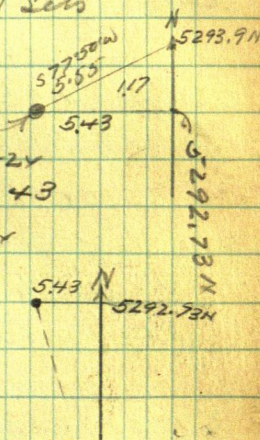
4508.00 " " W

39 69 54 " " W = N'16

26 46.36 " " W 2.71 = $\frac{1}{2} V$

13 23.18 " " W 1.35 = $5 \frac{1}{16}$

13 92.80 " " W 1.43 V



112

Sept 17-1928 27th

Tower Hub 2694.2 N Ch S 47.84 to
2646.36 N - also So Tower 2646.36 N
Turn 90° W 2.71 feet set 2x36" Iron
pipe in E Wheel track for

True 1/4 Bet 23-2x-43-31
Pack T 100 rods west on top of
long sloping hill and take in
True E-W E Intersect
Reservation line and set 2x15"

Brick Hub Dinner with Grieson

Note: Last evening sprained
my Right ankle; suffered all last
nite with Sloans Liniment

Amokey all forenoon
PM

Clear Sunshine: Jim Grieson
and I pick up Elmer Peterson and
drive to so bid. of sec 23-43-31

Bez @ Cor 22-23-26-27-43-31 Ch
Easton line line 300 + 258.8 =

558.8 Hat 6-9-12 + 113.65 = 1313.65

Lo flog Continue E 15-18-2100 - fin

Bez @ 1/4 Ch West 300 + 235.5 = 535.5
added to 2100 = 2635.5 Total

1/4 Cor

Private Work
SUBDIVISION 113
28-0. 23-43-31

Correcting Back

At 1313.65 Chain E 4.10 to 1317.75

where I take in the line and set

W $\frac{1}{16}$ Bet 23-26-43-31

Set 2x36" Iron pipe S of

E-W Road grade

Amos Babcock comes over
and in driving our iron we

hit an old stake down beam

East N. 61. This old stake was

set a few years ago by Amos

Babcock and I and now

Checks perfect for half way

Bet Corners But

Our Old Chain is recorded

as 2634.2 But Today we make

it 2635.5 = 1.30 for "Hot" and

"Cold" Chain Contraction

Today = 1.30 in half a mile

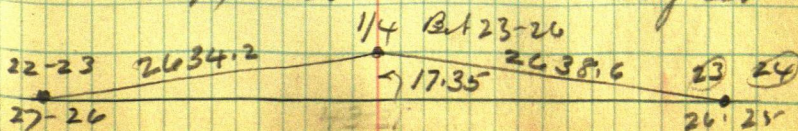
Call it as Recorded

Pg 83 This Book 2634.2. OK

Work Transit on line 50 ft E

of $\frac{1}{4}$ Bet 23-26-43-31 and find

The $\frac{1}{4}$ Corner $\sqrt{17.35}$ feet

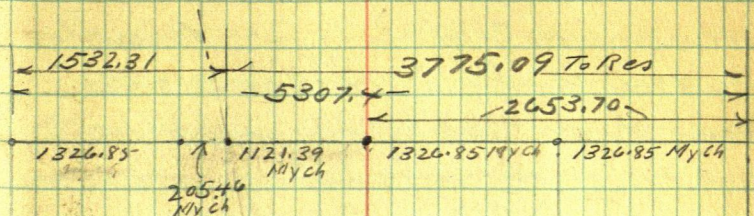


Private Work Subdivision

115

30 & 23-48-31

Sec 23-43-31



109.59A

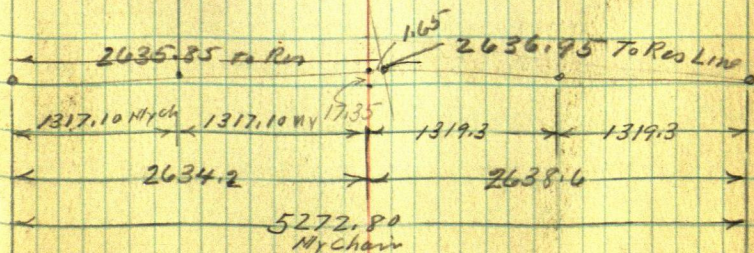
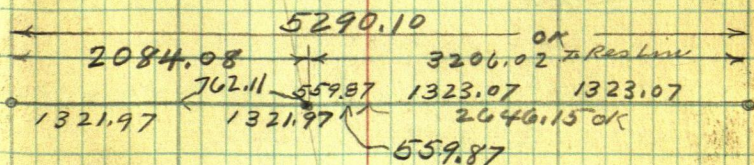
109 272
.35

50.76 US

50.95

1.18

23



23-43-31

Sept 18-1928. Tuesday

Join Anson check chain from Reservation
Drive 1 mi. West to Cor 14-15-22-23-43-31Distance checks 1532.31^{OK} close - no plumb to bI drive to Babcock's pick up school kids
also Betty. Anson and Dad are stacking

Subdivision 23-43-31 Private Work

Board Sheet Page 91

Time " " 103

Plat Sec 23 " 99-104-113-115

Sec 26-43-31 Continued From Pg 98

Sept 18-1928 - 9-AM I pick up a crew

Bob Harris Lvs his tractor-wedrive to
Clower Hauling Crew where Geo Foy send
a man and Bob goes back plowing

James Patrick Murphy "Pat" 16.
son of Jack Murphy Brainerd goes
with me. Check Chain From

$\frac{1}{4}$ Bet 26-35-43-31 = IM.

West 1320.85 Ft OK. to W $\frac{1}{16}$ OK. ^{my} old and
new Hubs together. lost one light against
N-side of old Hub O.K. 1320.85 PB Ch.

$\frac{1}{4}$ Bet 26-35- ch Ent 3-6-9-12

+ 120.85 stake 3 ft so of pt for E $\frac{1}{16}$

25-26-35-36-43-31 chain

West 300-350.10 Hub N of road 6-9-12- +
120.85 - 1320.85 W Pin on line

From 1200 W chain 1216 to stake 1320.85 E
sets 3 ft so of line = - crooked ch = 0.75
too long But as chain from West is
slightly crooked and chain from the East
may not have been plumbed enough

I set pin 1320.85 W. still West
0.25 of a foot and stake in the line
from Hub 350.10 W set Hub for

True E $\frac{1}{16}$ Bet 26-35-43-31

Dinner with Foy Family

PM

"Pat" and I π over E $\frac{1}{16}$ bet 26-35-43-31
Focus E Plate "double 90" Turn $90^{\circ}04' L$
and run north on E $\frac{1}{16}$ line bet 26-43-31

2635.5
1319.3
3954.8

1320.85
3
3962.55
3954.80
7.75

TRY N $0^{\circ}04' W$

= $0^{\circ}05'$

$90^{\circ}04'$

North On E $\frac{1}{16}$ random line Db1. Cen
Gurley Transit. Fair adjustment Pat
flag @ about Hub @ 80 rods

160 Rods and 240 rods set line of pins
for future intersection with B and
W lines @ about 5400 N Hub

Pack π to Ford and drive E $\frac{1}{16}$
and W to E $\frac{1}{16}$ bet 23-26-43-31

Pack π so to Hub 5400 to find Pat
gone - he that I had quit. I set
pickets at $\frac{1}{16}$ and also other pickets
2 ft each way and run in line alone
My first sight cut is .90 of a foot E
and second sight 0.70 of a foot
E = 0.80 E of $\frac{1}{16}$ at Hub 5400
ch West 0.65 of a foot set flag on
hill mhd True Line - Saffer and
over mile with Fred Foy Sr.

Sept 19-1928 Wed.

Howling wind from the South - 81.70
Abma. Pat Murphy and I drive to
N $\frac{1}{16}$ Bet 26-27-43-31 Amor Babcock
helps place o.o. focus 3. Turn 90° 26' L

9:30 Charles Babcock comes 10 AM
Amor goes home. Hit East 0 mile to
pt 5.80 ft N of N $\frac{1}{16}$ Bet 25-26-43-31
Amor meets us there with my car
and walks back with Charles

Pat and I drive home to Fred
Foy Sr Farm for dinner

PM

Correction Page 93.

Still heavy wind Pat and I find Amos
and Charles @ N $\frac{1}{16}$ Bet 25-26-43-31
where we take up red flag and put in its
place 2x40" iron pipe in pile of stones

$\frac{1}{16}$ in cenlin of NE $\frac{1}{4}$ Sec 26-

IP of random lines goes S 4.35 Then
N 4.34 and West 0.60 to

True $\frac{1}{16}$ Cor Set 2x80" Iron Pipe
in pile of stones

120

35

$1/16$ in center of N Half Sec 26-43-31
at IP of random Lines Chain 80
2.90 T. ft on straight line. Then
North along true line 8.67 to
lake corner of the 17.35 foot crook
at $1/4$ on N side See Pg 93.

From IP ch N 5.77 Drive 2x73
inch iron pipe for True $1/16$ in

$1/16$ in center NW $1/4$ Sec 26-43-31
Goes E 1.57 To True N-S-Line
IP goes S 1.45 Then N 4.34 or
2.89 N of IP.

Drive 2x60 inch pipe

$1/4$ in Center Sec 26-43-31
Charles and his Ford with Amor
drives 80 rods so where they
pull up my Hub and drive in
its place 2x60" Iron pipe
and hub stuck in top for
True Center free 26

Rain hold for 2 minutes 4-30 PM

36 26-43-31

$\frac{1}{16}$ in center of E Half sec
26-43-31 chain went 0.40
to line n-s line IP with E-W
random Then ^{North} South on line
line .78 of ~~front~~ and set 2X54 inch
iron pipe for TRUE $\frac{1}{16}$

E $\frac{1}{16}$ bet 23-26-43-31

We pull up Hub and drive in its
place 2X36 inch iron pipe in
E E-W road Charles drives
to Babcock for longer runs

S $\frac{1}{16}$ Bet 25-26-43-31

Pull up tall picket and drive in
its place 2X66" iron pipe in
E ditch n-s Road - full of water

E $\frac{1}{16}$ Bet 26-35 43-31

pull up hub and drive 2X36"
iron pipe 6 ft n of n wheel brock
E-W Road

122

37

1/16 Center S E 1/4 Sec 26-43-31
 Chain West. 0-20 to line n-s line
 Then north along line line (P 93)
 1.91. set 2x70 inch iron pipe
 in plowed field 20 ft E of w. edge
 of plowing

West 1/16 Bet 26-35-43-31 pull up old
 Hut and drive 2x36" iron pipe 8 ft
 n of n wheel track E-W Road
 Note: I have two huts here the new one
 hits n edge of old Hut -- we use the
 old hut. Bath o.k.

S 1/16 Bet 26-27-43-31

Pull up tall stalks and set 2x36"
 iron pipe

Quit at 6-p.m. Amor and Charles
 drive n - Pat and I drive s and
 E - Supper and over ride with
 Foy family.

Board Sheet Page 91 This Book

Time " " 95 " " "

Plat. of 26 " 93 " "

John M. Curo

Sept 20-1928 Thurs

light rain - Suricata 4.0 in
letter. Charles and his Ford truck
body - I and my Ford with Pat drive
to Tschalski see to my car wash to

$\frac{1}{16}$ in Cen of 20 half 26-43-31

@ IP ch 1.27 set 2X36" 7 Pipe
1.5E of N-S fence See P 93

$\frac{1}{16}$ Cen SW $\frac{1}{4}$ 26-43-31

IP gas N. 64 of foot to line line and
East .52 set 2X50" 1m in
pile of rock

$\frac{1}{16}$ in center of West Half See 26-
43-31 From IP of random lines
set See Page 93

N 0.26 and E.52 of foot

set 2X36" iron pipe for line $\frac{1}{16}$

I sit in Charles Babcock's
car while Char and Pat

measure in distance from IP.
of random lines pile stone round
1m. OK. Survey Finished
Pick up my traps at Babcocks
Dinner with Foy Family.

JatmW@Cms