

210

DITZEN

TRADE MARK

ENGINEERS

FIELD BOOK

No. 210

Book No 10

Note:-

This book is the
personal property of
John W. Curo. Brainerd
Minn If lost, finder
please notify Curo or
the County Auditor at
Brainerd Minn and
be well paid.

John W Curo
Nov 1-1918

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Time Sheet Platte Lake Twp 7-64

Board " " " 9-63

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Board Sheet " " 37-63-90

161-162

Platte Lake
43-29

Nov 1st 1918 Friday

There is a disputed Cor
Bet Crow Wing and Morrison Co
@ Cor 16 Secs 5-6-31-32 Bet
T 42-29 and 43-29

Where the US field notes at
Brainerd Ct Ho call for

16!

As there may be another cor
here I will go to Little Fall
and examine the Morrison
Co vs nat's

The Morrison Co Surveyors
has established a post about
20 rods East of the post
established a few years ago
by Lew Garrison Crow Wing
Co Surveyors.

Finish the noon train
and stay home in Brainerd

John W. Cress

Platte Lake Trip
Crow Wing Co. Minn

161

Nov 2-1918 Sat

43-29

I decide to go by Auto and
will charge Platt Lake Trip

R.R. fare and hotel expense the
same as tho I went on the
train and for one days work
Because I would have to
stay up till midnight, to get
my train back to Bemidj

This would be cheaper than
15¢ a mile for auto which
would be 64 miles @ 15¢
= \$9.60

Alma - Alo - Reed & I Lv Bem
@ 12 50 PM

Ar Little Falls 2.00 PM -

2 Hr 10 mls - Heavy woods

We copy notes til dark
then buy Alo a hat @

"Samb Sisters" @ \$2.75 and
back to Bem in a bad acting
Ford. Gerald keeps house
Babcock calls @ 8 PM

Commissioner Met

John A. Curo

4

43-29 Platte Lake Twp
Crow Wing Co

Nov 3-1918 Sunday

All day at home in Brainerd

Milton Gorton Chairman 1. yr Lives on
SW Cor Sec 8 Hor Phone & Ford. R1. Brd P.O.
John H. Mlinar Trustee 2 years left 319 acres
W 1/2 Sec 11. Lives on NW of SW Tel. Saxon Car
P.O. Brainerd R3. daily. Box 7 miles NW
Ed Templin 3 years 160. N 1/2 SE and
E 1/2 SW Lives on SE SW No Tel
Dykeman P.O. No car

Geo M Stanley Clerk 640 all of 26.
in list Lives on SW SE? No Phone
Rd P.O. RFD 3. Box 11 miles NW
No Car

Henry Grand Treas. 160. Sec 25 Lives on
NE Cor Tel No Car Dykeman P.O.

Brainerd State Bank

161

Nov 4-1918 Monday

Look up Special rates @ et Ho
2 Hours in AM.

Lv Bed in my Ford @ 2 PM at Galois
3¹⁵ = 1 H 15 M. Total 3 Hours 15 mts
@ \$1.20 & 3.90

miles @ 15¢ =

As I must vlt tomorrow I go back
to Brainerd with Milt Horton who
will stay over night with me.

So Mr H M Tiner has waited
for me all day at Galois and gets
pay for his time.

Horton at my place over night
Heavy S. wind and mist

161

161

13 Wed

12 Tuesday Morrison C. Commis meet. Tel 30
Ready to go @ 8 Book @ 6.35

" 11 Monday

" 10 Sunday Worked 8 to 6.35 = 10.35 Minus 1 for Dinner
= 9.35 = \$11.50" 9 Ready to work @ 8. Book @ 6.35 = 10.35 Less
1 Hr for dinner = 9.35 = 11.70 No chg 2 Hr. 1 Hr. 1 Hr.

" 8 Ready to go @ 8. Book @ 6.35 = 10.35 Less

" 1 Hour for dinner = 9.35 = 8.11.50

" 7 Ready to go @ 8 Book @ 4. = 7 Hour

" 1 Hour on mules = 8 \$9.60

" 6 " 7 Hours in field 1. Hour on mules

" 5 " Work on mules Two hours Chg one

" 4 " 2 Hrs @ 3.15 to mid 1.15 coming = 3 H 15 M 15 = \$3.90
Auto

" 3 " No work

" 2 " See Pg 3. RR fare 64 miles @ 3¢ 192 Supper 60¢
8 Hour @ 1.20 = \$9.60

Nov 1 - 1918 NO WORK

Time Sheet Platte Lake Trp 43-29

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | SUN | 24 | 25 | 26 | |
|-------------------------------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|-----------------|
| Nov-1918. | 9H | 9H | 3H | 1H | 8H | 8H | 8H | 8H | 9H | 9H | 9H | 8H | 8H | 0 | 0 | 0 | 82H 35M |
| John W. Curo | 8:120 | 8:120 | 3:40 | 5:10 | 9:10 | 9:10 | 9:10 | 9:10 | 9:10 | 9:10 | 9:10 | 9:10 | 9:10 | 0 | 0 | 0 | = 10 days 24 35 |
| Expense | - | 250 | 0 | - | - | - | - | - | - | - | - | - | - | 0 | 0 | 0 | Te/ghyd to NUS |
| Auto @ 15¢ pr Mi | - | - | 0 | 17.5 | - | - | - | - | - | - | - | - | - | 0 | 0 | 0 | 80-101 |
| Milton Gorton | - | - | 0 | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 17 |
| Gorton Auto | - | - | 0 | - | - | - | - | - | - | - | - | - | - | 0 | 0 | 0 | 2.53 |
| " Team | - | - | 0 | - | - | - | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 1 |
| John H. Mlinar | - | - | 0 | 1 | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 |
| Ralph Gorton ^{muddy} | - | - | 0 | - | 1 | - | - | - | - | 0 | - | - | - | 0 | 0 | 0 | - |
| Guy Gorton | - | - | 0 | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | - |
| Mlinar Auto | - | - | 0 | - | - | - | - | - | - | 0 | - | - | - | 0 | 0 | 0 | - |
| Ed Templin | - | - | 0 | - | - | - | - | - | - | 0 | - | - | - | 0 | 0 | 0 | 1 |
| Geo M Stanley | - | - | 0 | - | - | - | - | - | - | 0 | - | - | - | 0 | 0 | 0 | 1 |

161

8

43-29
Platte Lake TwpNov 5-1918 Tuesday
Election Day

I vote before leaving Beemund
Gordon and I get to his place in his
Ford @ 8.45 Am

Take my car and drive to John
Mliners place where they held
election I copy some notes
but get no pay Should get an
hour's lim at least

Dinner & Supper with Mliners
to be chgd to Twp

We get back to Gordon long
after midnight

161

John W. Curo

43-29

Board Sheet Platte Lake Twp Work

SUN 2425

Nov 1918

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Boarding with Mrs Gorton

John W. Curo
John H. Malinar

- - 0 -
- - 0 -

DB x Paid
SX
D Paid

Boarding With Mrs Malinar

John H. Curo

- - 0 -
- - 0 -

Paid

101

Nov 6-1918 Wed

Gorton and his Ford likes balls
to Brained accompanied by Mrs G
& baby

I like Gorton's team with
Ralph Gorton ("13") we try to get
Guy Gorton but he can't come
Drive $4\frac{1}{4}$ miles South to
Garrison's Corner on the town line
@ SE Cor Sec 31 T43 R29 then
walk half a mile West along
Harald's old transit line to
stake 2640 W and look for

$\frac{1}{4}$ bet 6th 131 T42-43N
R29W on Morrison and Crow Wing
Co line where US maps call for
Elm 15 N 30° W 31 Lts =
pine 30 S 75 E 10" =

All are gone and we walk East
and decide to set up @ SE
Cor - back right West on the
Corrected Temporary Twp
Corner and run East

At Harald's old Hub 1500.70 W
we run S 18° 50' W 23.64 ft set Hub
and tall stick and white paper
John W. Cline

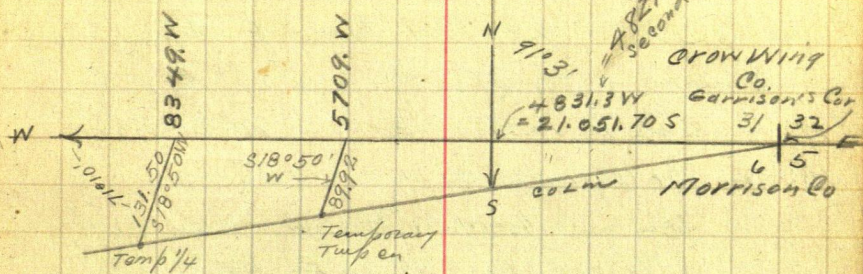
43-29
42-29

161

11

T 43 R 29

Harold's Old Transit Line



At a point set by Lewis E Garrison
former Co. Surveyor of Crow Wing Co
Set 5 or 6 years ago @ Cor. to
5-6-31-32 T 42-43 R 29

US notes call for

| | | | |
|---------|-------------------|---------|---------|
| Tamarac | 12 N 70 (or 10) W | 8 Lks = | 5.28 Ft |
| " | 14 N 60 E 46 | " = | 30.36 " |
| " | 17 S 25 W 10 | " = | 6.60 " |
| " | 15 S 58 E 29 | " = | 19.14 " |

We find a well marked oak stake
with pile of stone around bottom
set by Garrison from what he thought
was the old BT stump and

I think he is right
Garrison marked "B.T." on the south roof
of one old BT stump which stands
N 44° 20' W 6.00 ft. to head of stp.

Nix. Jan 5-1919
C.W.

12

161

43-29

Platte Lake Swamp

Nov 6th 1918 cont'd

another old BT. Swamp bear

S 50° W 7.30 ft to heart of stump

I mark new BTs viz

12" Tam Stg 2' H' N 35° 44' E 90.20 Ft.

15" Tam Stg 10' H' N 13° 30' W 158.15

Not the cor
Jan 5-1919
cur

Then in Morrison Co

12" Tam Stg 2 1/2' H' S 67° 24' E 37.30 Ft

10" Tam root S 47° 25' W 49.75 Ft

All @ 9° 15' on E. carefully read
at cornerTraunit @ cor sight on rock
shot nearly a mile West and turn

0° 50' Left to flag on corrected

Hgt. 23.64 Needle reads 9° 15' on

Run East 300 ft and quit for
night It is 560 ft west to pin
Tam Swamp bear NE x SW.Ralph and I get water in Morrison Co
and eat lunch out We Left home
about 9 and got back about 5. with 1 Horn
on rails - 8 Hour stay at Mott
Gardner.

John W. Enns

43-29
Platte Lake Twp

13

161

Nov 7-1918 Thursday

M. Gorton and team wait-ginnet axes &
sawyer from 8 am till 9:30 till arrival of
John H. Minar Pick up Aug Gorton
drive 4 1/2 miles South and run

East on Co Line

from SW Cor 32-T 43-29 on

To side of 32 Var $9^{\circ}15'$

@ 300 stake 570 L^o lean swamp

SW and NE & E @ 600-900-1200

set good stakes @ 1500 Hat 1800 stake
2100 Hat. 2245.50 E. Hat

2400 stake Mist all morning Cloudy

@ lunch time Heavy rain begins

@ 3- and 3:30 Quit and go home

At 4-30 about

Steady cold rain almost all night
Get home to hear that

"War is Over"

John H. Gorton

14

43-29
Platte Lake Trip 161

Nov 8-1918 Friday

Cloudy and Windy - I am ready to go
@ 8- and wait for Mlinar till 10-am
Gorton has gone a mile West to get
a bush scythe

I write up these notes

Pick up Guy Gorton and drive 4
miles S. and $\frac{1}{2}$ E and continue

East on So. Hwy 32

Guy Gorton and John Mlinar &
John W. Cus. Liants & Ch
Milton Gorton flag and chain
300' laps H & B. Liants
2 Double Cen Hubs - P.B. Chain

At 2500 E enter North edge
of open Tarn swamp bears S.W.
E @ 2700 stake set last night

27-30-33 stakes 3475 E - L.V. swamp
SW and E 36 stake: 3639.60 Hub

Variation reads $9^{\circ}45'$ E. 3700 alt

4000 To 4100 touch So edge of same
swamp West & NE: 4200 - 4500 stake

4617.70 E Hub Needle reads $10^{\circ}15'$ E

4800-5100 stake 5290 dim

Road NE-SW 5300 Hub

5400 enter meadow NW

42-29

161

Nov 8-1918 could

At this point being the corner to
Sec 4-5-32-33 T42-43 N.

R29W on Co Line US. nels. call from

Pin 12° 386° E 525 LKS = 346.50

" 30. N 89½° W 382 " = 252.12

Br Oak 13 S 86° W 284 " = 187.44

We find the 30 inch white Pin
down-out by the roots but
plainly marked also back others

I set the corner by flat
chain from face of the WP.
then work the transit
on line so that the courses
turn perfect to the two

W. Pines and the

Var reads 10° 10'

Old US WP 30 N 89° 30' W 252.12 Ft

" " WP 12 S 86° E 332.60 being
13.90 Short but OK. for Course

Old US Oak stp 13. S 87° 55' W 187.44 ft

Note: I set this corner by
courses from the two white Pines
but do not proportion the measure
because the 2. west lines held
over the East white Pine root

John W. W.

16

42 } 29
43 }

Platte Lake Twp work

Nov. 8-1918 Cont'd

neither the oak nor the 12" w pines
are marked All @ 10° 10' Var

Mr Mlinar walks home - "Milt"
walks part way home via old woods
Guy & I drive home

Mr. home @ 6-35 P.M.

Alma telephones me that she
has just received a letter from
Cora Baker that Julia Reed
died with the "Flue" last Sunday

101

422 29
437 Platte Lake Trip work

17

Nov 9-1918 Saturday

Cisco and M. Horton with Horton's team drive out. M. Horton has auto take him part way out. **161**

I work on notes from 8-AM till 9-45 We meet @ Cor 15

4-5-32-33 T 42-43 R 29

Mark new Bearing Trees @ 10° 10' on
15" White Oak S 50° 55' W. 472.82 ft
15" Blue Oak N 60° 18' E 294.88 "
6" Poplar N 46° 52' W 326.30 "

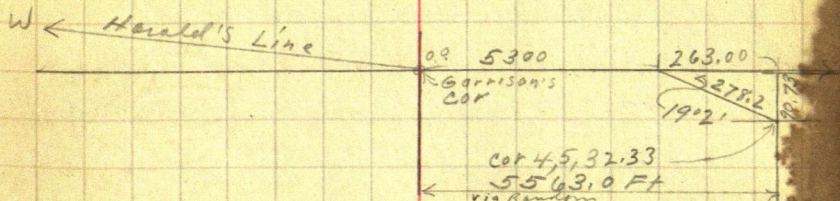
To 10^d nail at base of each 10° 10' on
2" round G. ring and trench around post

At Hub 5300 East this Cor
bears 19° 2' R 278.20 feet
or S 70° 58' E 278.20 "

Bearing Ft East and Ft So
19° 2'

Sine .32612 x 278.2 = 90.73 So

Cosine .94533 x 278.2 = 263.00 E



At 5563.00 E on rd S 90.73 Feet.
Jahn weup

Nov 9-1918 contd

Morrison Co.

Eat lunch here then drive $1\frac{1}{2}$ miles
SW in Morrison Co. to

$\frac{1}{4}$ Bet 5⁴ 16 T 42 R 29
where US notes which I copied
at Morrison Co. Ct Hq. call for
"S 1/2 B @ 6"

Oak 105 25 E 18 Lks

Elm 85 61 W 27. "

Bath slumps have been graded
out by a road running West
and South but the old

$\frac{1}{4}$ post still sets in road &

I take new Ties viz

5" W Oak NE 42.00 Ft

3" Poplar SE 55.70 "

Small blay at base

Seeing Auto $\frac{3}{4}$ mile South
I wade Platte River and walk
down to find a

County Commissioner from
Morrison Co @ Mr

Henry Gassert of Piers P.O.
and his "youngest son" stuck
in the ditch with their "Case"
Mr Gassert promises to

42/29
43/ platte Lake

19

Nov 9-1918 Could

161

send their County Surveyor Mr
Nels Peterson of Little Falls or
Andy Finn their Co Engineer
to assist me to establish the
"Disputed" corner bet

5-6-31-32 T 42-43 R 29

Will look for them Sunday Monday
or Tuesday.

One of the Town Board arrives
I walk back and picket
the graded road line $\frac{1}{2}$ mile
North

Coming out 340 ft East of
Garrison's Corner and 30 ft E
of 2. Haler in the bog where
Mr

says the old stake once set.

Get home @ 6-35 PM Mr Mlinen
stays over night with Gordin

I write notes 2 Hours

John W. Cusack

20

$$\begin{array}{r} 42 \\ 43 \end{array} \} 29$$

161

Nov 10-1918 Sunday

Deer Season Opens

Ouro-Mlinar - Guy Gorton - Milton

Gorton 3rd Team Look for N⁴S

Beaver bet 31-32-743-29 find none

Beg @ "Garrison's Corner"

Chain along Harald's old line

West bet 6-31

1543.80 W = Harald's old 1545.70 Hub

4836.50 Hub - being 4' oak
right stake on Harald's old
line

5510.80 W Hub

7415 about old blazed

18" WP stake is S. about

40 feet

7800 W Hub 7907 Hub

8515.50 Hub

Quit for night

42 }
43 } 30

Platte Lake Twp Work

21

Nov 11-1918 Monday

Alma telephones that 161
162

"The War is over" and "the Kaiser
flew the country Peace signed by
the Soldiers" etc.

Am ready to go @ 8 AM.

Lv about 9- Same crew Continue

West Bet 1-2-36 T42-43 R30

300 lgs P.B. with H & B Transit-
double center Hub - M. L. helping
me chain

@ 9192, 10 Hub: 10.200. Hub "8'0"
10.480 end in meadow N & S

10.593. 50 W. Hub in meadow
near cor to sec

1-2-35-36 Bet T42-43 R30
where US notes call for

Tam 105 80W 305 Lxs = 201.30 Ft

Pine 10 N 81W 290 " = 191.40 "

There are lots of W.P. stumps
on West side of meadow here
but none of them seem to
check for course or distance

The meadow at this pt is
only about 150 ft wide

Some Surveyor from Morrison

Nov 14-1918 Cont'd

Courly has set a 2x2 oak stake for this corner a Hunter tells us he "found one old B.T." but he is crazy or nothing - checker with the new stake

We found the tip of a very old stake lying on top of a stump and by hunting in the meadow Mr. Mlinar finds the old stake hole and away down in the bottom of the hole can be seen the point of the old stake which we believe was broken off by the survey crew who set the new stake

At old stake hole we mark new bearings @ 8'15" for

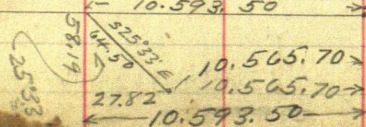
Paplar $6N 60^{\circ}22'E 174.20$ Ft

" $6S 65^{\circ}30'E 135.00$ "

Dead Pin $15"N 32^{\circ}38'W 267.65$ "

New Stake $N 87^{\circ}29'W 47.40$ "

At 10.593.50 W old stake hole bears $S 25^{\circ}33'E 64.50$ ft



T 42 } N 30
43 }

platte Lake Twp work 23

Nov 11-1918 Cont'd

25° 33'

162

$$\sin .43130 \times 64.50 = 27.82 \text{ E}$$

$$\cos .90221 \times 64.50 = 58.19 \text{ S}$$

Get home @ 6.35 PM.

John W. Cress

24

43-30-29
Platte Lake Twp work

Nov 12-1918 Tuesday

161

Gorton and team - Mlinar - Crow
work all day.

Hm Stinson who owns and
lives on SENE and E $\frac{1}{2}$ SE 10-
T43-R30 has kicked on the mile of
new road to be graded to-morrow
Nov 10-11-43-30 Says Harolds
line is "crooked" & just to hold
up the grading crew

Says he will stop the work
so we drive over to meet the
Town Board of Daggett Brook on
the work - John Garner - John
Fallon - Dean Kemp and half
a dozen graders are there

I set up transit - tell
Stinson it is straight and
he Crow Fisher says he wasn't
talking about this line

Daggett Board agree
to go on with the survey
along the So part of 43-30
just to help Platte Lake establish
Twp on SEC 43-30 I tell them
my wages is \$120 = \$960 for 8 hrs

4-3-29

Platte Lake Twp Work 25

Nov 12-1918 contd

161-

Get back to Gordon's for dinner
 Call up Mr Henry Gassett at
 Little Falls one of the Morrison
 Co Commissioners to send up
 their Co Surveyor Mr Nels. Peterson
 to help us establish the Co line
 but Peterson is not in town

He agrees to call later this
 evening if Peterson comes in
 Tel 30 & Chgd to my acct.

P.M.

Wilt Gordon & team drives into
 Morrison Co to get the Twp
 Boards to assist us in survey.

Mlinac & I run a straight
 line of hubs every 100 paces bet
 Secs 29-30 T 43 R 29

The $\frac{1}{4}$ Post is in being set
 from old BT stumps by Lew
 Garrison and it sets about
 30. ft West of a straight line
 Curo-Mlinac walk home at 5-40

Gordon & team at 6-

John W Curo

26

161

162

US Notes

9 Spruce 7 S 55 E 14
" 6 N 89 E 10

(32)

Elm 15 N 30 W 31
Pin 30 S 75 E 10

(30)

Sugar 10 S 50 W 51
Asp 12 N 7 W 1
" 14 N 48 E
" 10 S 18 E

T43-R29

(31)

8650

11030

412030

Tam 12 N 40 W 8
" 14 N 60 E 40
" 17 S 25 W 10
" 15 S 58 E 29

Oak 10 S 25 E 18
Elm 8 S 61 W 27

Birch 18 N 72 W 20
Balsam 8 N 50 E 17
Elm 8 S 47 E 20

Maple 13 N 21 W 30
Br Oak 16 S 57 1/2 W 44
S Maple 14 N 15 E 23
Br Oak 20 S 37 E 43

T42-R29

1/4 Maple 14 N 16 W 9
Birch 14 N 75 E 11

Br Oak 15 N 76 W 34
" 20 S 20 W 36
Birch 14 N 47 E 18

7

WP 25 N 45 W 9
Br Oak 12 N 20 E 55

WP 24 S 50 W 58
" 30 S 45 E 24

(36)

V110

P28 N 14 W 57
Br Oak 12 S 70 E 53

T42-R30

Tam 10 S 80 W 305
Pin 10 N 81 W 290

S 4 Maple 12 N 65 E 13
Lind 12 S 9 E 15

Birch 10 N 50 W 26
Asp 7 N 45 E 22
Spr 10 S 54 E 17
Birch 12 S 65 W 33

0611

5560
5769
10560
2040
24189

(37)

V1055

(2)

(12)

42 } 30
43 } Daggett Brook Twp work 27

Nov 13-1918 Wed

162

Today we all begin work for

Daggett Brook Twp 43-30

John W Curo H & B Tractor's Double Can Hub

Guy Horton and On horse hitched in with
one of Milt's horses and Milt's buggy
(Milt runs grocer & butcher)

300' Chi life P.B. Perfect line

Guy Ch + Fly

John James &
Clarence A. Cronquist & (Son of
August T.)

Henry Doosten & (good worker)

Bag @ Stake 10.500 Continues

West Bet 2-35 T 42-43-R 30

Use road 8' 10'

10.600 about L^o meadow N & S

10.800 11.100 11.400 stakes on line

11.700 - Hub 12.000 Hub 12.208
1' No line

12.300 - 12.600 sth on line

12.669.30 Hub 12.900 13.200.

13.500 sth in line 13.590 Ent

meadow N & S 13.800 stakes on line

13.961.50 Hub on bush Island in
meadow 14.100. - 14.400.

stake on line 14.410 L^o Meadow

John W Curo

28

42-30

43-30

Daggett Wash Turpank

Nov 13-1918 Contd

162

N and S. @ 14.700 stake on line

14.713.70 W Hub. 15.000 V or 8°10'

15.300 Stake on line 15 H 12.60 Hub

15.600 Stake on line } @ 15.370 VV
alt Blazed Birch
38 Paces South

Quit for night

Lt home @ 7.00 am

at 6.45 PM

One hour off for dinner leaves

10 Hrs 45 minutes = \$12.90

162

Nov 14 - 1918 Thursday

Begin @ 6.40 write letters to Co
Auditor in Morrison Co for special nation
list 7. Then hitch up horse and
L. Gortons @ 7.25 am. with one
horse and Gorton '10' who
takes me to Guy Gortons where
the kid goes back home and Guy
hitches up his own team and
drives me to Cronquist farm
where we grind axes. Get Clarence
Cronquist arrive on the line

@ 10 am. None of the other crews
are here yet. Heavy fog all day

Cut line on pickets and chain

West But 3rd 34

T 42-43 R 30

We look for old BTS @ Cr 1-
2-3-34-35 where vs males call
for. See Page 26.

At about 15.370 West
a 14 inch Buck Blazed E & W
stands South 38 slips = about
110. feet

@ 15.900 W set stake-enter
meadow bears N & S.

30

422 30
431

Daggett Bush Twp Work

Nov 14-1918 Contd

162

16.200 - 16.500 - 16.800

set stakes in meadow Nat
lined in on acct of heavy
Fog. @ 17.050 enter South
end of dry lake bed - Lake
lies NE about 900. feet.

At 17.100 stake in mud
17.175 Lv lake bottom
17.225 Lv open meadow N to
17.400 Stake

From here on I leave Clarence
Cronquist cutting a picket line
West while I and Guy look
hard for old BTS and quit
@ 4.30 PM get home @ 6.45
PM. where I turn Guy's team
loose and they go home half
a mile South

Still with Will Gorton

5H 20M in AM and 5H.45M. in PM
= 11 Hrs 5 Mts @ \$1.20 = \$13.30

Jahm W. Curo

42) 30 Daggett Brook Twp Wor 31
43) 30 Establishing SE Cor Twp

Nov 15-1918 Friday 162

I take "Mitt" Gorton's team and drive 3 miles West - Pick up Wm Stinson and drive 4 miles South 1/2 SE Cor of Sec 34 T43 R30 where Stinson claims to know the old BTS 1/2 the SE Cor of his homestead which is SE of SE Sec 34

He shows me a W.P. stump about 150 ft S of my random line and 300 ft East of the meadow

This is NOT the corner and I convince him that it is not

Clarence Cronquist arrives all out of wind from his long walk and we run

West bet 34 & 34

Set Transit over Hub 15.412.60 W and line in stakes 15.900 - 16.200 16.500 - 16.800 - 17.100 - on line

Begin chaining from stake 17.100 Cronquist setting double Center hubs and PB ch. Stinson using bush sight @ 17.269.30 W. Hub 17.400. 17.700 stakes on line

18.000 Hub on road 8° 15' E

John W. Cress

32

42 } 30
43 }

Daggett Brook

Nov 15-1918 Cont'd

162

18,300 sth on line 18,388.00 Hut 48°15'
18,600,- 18,900 stakes not lined in

From here on I leave Cronquist
and Shinson cutting brush while I
look for 1/4 bet 3 and 34 - 42-43-30
where US nalis call for

Maple 10 N 74 E 24 LKS =

Br Oak 9 S 35 E 17 " =

Alt appear to be gone and I pace
half a mile West and look for Cr 1-
3-4-33-34 Bet 7 42-43 N 130 W
where US nalis call for

Tann 7 N 86 E 430 LKS =

" 8 S 88 E 425 " =

I think I can find these later and
drive Shinson home. Cronquist walks
home. I lost tripot and fly pole
at home 6-35 after supper
ride back in my car and find tripot
Lv @ 7 AM back with team @ 6-30 = 5 hr am
5-30 PM = 10-30 hrs @ \$1.20 = \$12.60

John W. Cress

Time Sheet - Working For Daggett Brook Twp

33

162

Nov 1918
John W. Curo @ \$1.20
Expense
Auto @ 15¢/h M/L
Milton Gorton
" " Team
" " Auto
Guy Gorton
" " Team
John B. James
" " Team
Clarence A. Cronquist
Henry Joosten
Harold H. Cronquist
Elmer H. "

| | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|--|-------------------------------------|-----|----|----|-----|----|---|----|----|----|----|----|----|
| | 10 H 11 M 10 H \$1.20 13.30 1.20 | | | | SUN | | 1 H 8 M 8 H 9 H \$1.20 1.20 1.00 1.40 1.40 | | | | | | |
| | - | - | - | - | 0 | - | - | - | - | - | - | 0 | - |
| | - | - | - | - | 0 | - | - | - | - | - | - | 0 | - |
| | - | - | - | - | 0 | - | - | 1 | - | - | - | - | - |
| | \$2 | \$2 | 2. | - | 0 | - | - | 2 | - | - | - | 2 | - |
| | - | - | - | - | 0 | - | - | - | 3 | - | - | - | - |
| | 1 | 1 | - | - | 0 | - | - | - | - | - | - | - | - |
| | \$2 | 2. | - | - | 0 | - | - | - | - | - | - | - | - |
| | 1 | - | - | - | 0 | - | - | - | - | - | - | - | - |
| | \$2 | - | - | - | 0 | - | - | - | - | - | - | - | - |
| | 1 | 1 | 1 | 1 | 0 | - | - | - | - | - | - | 0 | - |
| | 1 | - | - | - | 0 | - | - | - | - | - | - | 0 | - |
| | - | - | - | - | 0 | - | - | - | 1 | - | - | 0 | - |
| | - | - | - | - | 0 | - | - | - | - | - | - | 0 | - |

Continued On Page 39

Nov 16-1918 Saturday

162

Rain nearly all day Mitt Gorlon
puts one front wheel from my car on
his and with Mr Gorlon and Miss
Anne Knuth (the school teacher from
Little Falls) we drive in to Brainerd
At my House 12-m all late dinner

PM

Alma takes sick with "Flue"

Gorlon goes back - Dr Thaker call

I find later that Clarence Cronquist went
out on the line to work Saturday but found
no one there.

Sunday Nov 17-1918

Rain all day - Stay home in Brainerd
Dr Thaker still says "Flue"

42-330
43-330

Daggell Brook Turp

35

Nov 18-1918 Monday

162

Dr. Thaker "No Flu" says Alma
must go to Hospital. auto St. St. Josephs
Hospital Remize Reed is 4 years old
today All day at home in Bramm

Nov 19-1918 Tuesday

Work one hour bring up my
notes of new maps just arrived
from Washington

Gorton comes to Bramm in his Ford
with one of my front wheels. Harold and
I go home with him. Harold takes "35"
Remington Automatic Rifle to hunt deer

Supper and over night with Gorton

Alma is in St. Josephs Hospital Bed

Ello & Reed alone keeping house

Grace Hayes stays all night with Ello

36

42 } 30
43 } Daggett Brook Tugwork

Nov 20-1918 Wed

162

With Gorton and his team work
alone with me or we can get no crew

We go by way of Jostlin's and set out
a few stakes. lining the road in @
1/4 Cor South to Cor of sec.

Then drive west. Cut line
West: look for BTS @ cor to sec

where US males call for:

In the evening we overtake John Miner
who is out on red cross work. He takes
supper with Gorton then goes home.

I call up Fleischer who
is anxious to work on survey. He
promises to be on deck @ 7 in the
morning.

Nov 1918

Board Sheep Daggott Brook Trip Worn

| | | | | | | | | | | | | | |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| SUN | | | | | | | | | | | | | |

With Mrs Gorton

John W@uro
 Private
 Garold W@uro
 Francis Fallon

| | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| DB | DB | DB | DB | DB | DB | DB | DB | DB | DB | DB | DB | DB | DB |
| SL | SL | SL | SL | SL | SL | SL | SL | SL | SL | SL | SL | SL | SL |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

With Mrs Fallon

John W@uro
 (Private)
 Garold W@uro
 M D Gorton

| | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| DB | DB | DB | DB | DB | DB | DB | DB | DB | DB | DB | DB | DB | DB |
| SL | SL | SL | SL | SL | SL | SL | SL | SL | SL | SL | SL | SL | SL |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

162

38

42 } 30
43 }

Daggett Brook Trap Work

Nov 21-1918 Thursday

162

Milton Gorton and his Ford with
my front wheel driver me to John
Fallon's where Fallon has 3 men
ready to help us on the survey
Gorton takes them in his car West -
1/4 mile Then South 2 miles Then
E 1/2 mile then South 1/2 mile

Lo the car and walk South and
East to the Morrison Co line Then
East along Co line 1 1/4 miles to
the end of the cutting where we enter
West on Co line

Between 3 and 34 But

T 42-43 N R 30 W

Needle used 8" 10' 00" E

Fallon's new crew are

F. Preston Caughey (sets pickets ahead)

Raymond H. Kienow (axman)

Alfred W. Fruth (Hind Ch & g)

Gorton chains ahead and flags
Harald H. Cronquist and his brother
Elmer H. Cronquist come in place of
Clarence .. they arrive an hour
late and cut brush

Beg @ Hub

set transit

Time Sheet Daggett Brook Twp. Continued

Nov 1918

John Fallon

Francis John Fallon

Team

F. Preston Caughey

Raymond H. Kienow

Alfred W. Froth

20 21 22 23 24 25

- - 1 1 1 -

- + 1 1 1 -

- - 2 2 2 -

- 1 1 1 -

- 1 1 1 -

- 1 1 - -

162

40

42 } 30
43 }

Daggett Brook Twp Work

Nov 21-1918 Continued

162

19,200 - slake 19,492.50 Hub

19,500 slake All stakes set on line

19,676.20 Hub, 19,800 slake

19,820. enter Black Brook Swamp

20,100; 20,400; 20,700 Stakes

20,720 W. Cen of Black Brook 10.

wide- Run North 4' water
mud bottom.

21,000 slake

21,266. = 26,829 =

Cor to 3-4-33-34 when US Nails call for

Tarn 7N 86E 430 LKS=

" 6S 88E 425 " =

All are gone and we continue

West bet 4th 33 Va 8°10'

21,300 slake, Lv open marsh

21,600 slake 21,786.70 Hub

21,900, - 22,200 - 22,500 - Stakes

All stakes set on line with transit

22,800 slake Lv Black Brook

Swamp bottom 22,964.60 Hub

23,100 - 23,400 Stakes on line

23,671.90 Hub: 23,750 - 24,000,

24,300, - 24,600. Stakes on line

24,900 Hub. 25,200 - 25,500 etc

John W. Curran

23.906 1/4 Sec P. 42.

Showing us Chain E and W also My Ch

43.29

43-30

32

5280

5563. E = 00.

$$+ 2923. E = 2640. V_X$$

283. E = 5280 W

• 00

31

5709

$$4 - 2.357 W = 7920 W$$

$$5.426 \text{ W} = 10.989 \text{ W}$$

36

5280

$$48.066 \text{ W} = 13.629 \text{ W}$$

$$10.706 \text{ W} = 16.269 \text{ W}$$

35

5280

$$< 13.346 \text{ W} = 18.909 \text{ W}$$

$$15.986 \text{ W} = 21.549 \text{ W}$$

7

5280

$$18.626 \text{ W} = 24.189 \text{ W}$$

$$21.266 \text{ W} = 26.829 \text{ W}$$

77

5280

$$423.906 \text{ W} = 29.469 \text{ W}$$

$$26.546 \text{ W} = 32.109 \text{ W}$$

27

5280

$$29.186 \text{ W} = 34.749 \text{ W}$$

$$31.826 \text{ W} = 37.389 \text{ W}$$

131

5705.70

$$234.466 \text{ W} = 40.029 \text{ W}$$

$$37.531.70.W = 43.094.70.W$$

See Page 47-71-72-82.

Correction = .005191 W

42

42 30
43

Daggett Brook Twp Work.

Nov 21-1918 Cont'd

$$23.906^w = 29.469 =$$

162

 $\frac{1}{4}$ Cor Bet 4th 33

where US Nolin call for:

Aspen 10 N 42 W 10

" 13 S 65 E 31

Do not look for them as they are gone

25. 190 Hub: 25. 200, 25. 500

25. 800 - 26. 100, - 26. 400 Slaker

At 26. 350 (about) a tall flag set
by "Oscar Barge" for his "N.W. Cor"
bears South 23 paces - about 65 ftOscar says a pine stump
near this flag stood NW well
marked and in the old BT
but he is wrong or the nolin
do not call for "Pine"At 26. 450 Enlis So end
of meadow bears NW and SE

$$26.546^w = 32.109^w =$$

Cort 4-5-32-33 where US nolin
call for:-

Aspen 9 N 45 W 53 LKS =

" 8 S 55 W 13 " =

" 6 S 25 E 6 " =

We do not look for these as

Nov 21-1918 cont'd

162

they are gone: @ 26.700 slates

26.700.40 Hat & 26.730 Ls marsh

all slates set on line with Leannit

Quil for mile:

Herald and Elmer Cronquist say
their address is R #1. Bed and
that their time is to be made
out to Clarence to save their time
in going to sign up 3. separate
town orders re.

Gorton bot lunch for Gerald
and I to-day and leaves us off
at John Fallon then goes
home in his Ford

Gerald and I with Fallon
Fleischer did not show up

John W. Cunn

Nov 22-1918 Friday

162

Francis Fallon and his team take
Caughy - Kienow - Fruth - Garold
and I out Keep team on line

West bet 5th 32 Continued
For still reader 8' 10' on each hut
Fallon Caughy and I chain Caughy
Flg: @ 27.000 stakes. 27.300 Hut
27.600 - 27.900 - 28.200 stakes
28.450 pat hole @ N. end of open
marsh which bears SW $\frac{1}{4}$ mile.
28.500 - 28.800 - 29.100 stakes
all on line: 29.400 Hut
29.620 about, Can of long
slim swamp 2 rods wide
near N and S.

Break 300' Tape @ 46.7

29.700 stakes

30.000 Stakes not on line acct of stamps

30.300 Hut

$$29.186^w = 34.749^w =$$

 $\frac{1}{4}$ Cor bet 5th 32 where US meter say

Open 8 N 70 W 5 LKS =

" 5 N 15 E 7 LKS =

We do not look for these as they are gone

30.600 - 30.900 - 31.200 - 31.500

42230

433

Daggett Brook Twp Work

45

Nov 22-1918 cont'd

162

set stakes along line 31,800 Hub

 $31.826^W = 37.389^W = \text{Corte Secs}$

5-6-31-32. When US Notes call for

Birch 12 N 15 W 7 LKS = 4.62 Ft

Maple 9 N 65 E 3 " = 1.98 "

Elm 16 S 45 W 5 " = 3.33 "

Pine 15 S 35 E 14 " = 9.24 "

Too late to look for these set stake

32,100^W and Quit for mile

John Fallon walks out on line in P.M. and helps a little. Loads our work and goes back with us to home 6.3 P.M.

Alma leaves a call for me. When I call @ 6.5 Alma says Ito has left and that Alma got home from the Hospital @ 2 P.M. Mrs. Hayes brot her home

46

42

43

Daggett Brook Trip Work

Nov 23-1918 Saturday

162

Gerald stays at Fallons.

Francis Fallon - Caughey - Kienow and
I walk to workWe do not find the old BTS and
continueWest Bet 6th 3132. 281^w Hub on line 32,400 -

32,700 - 33,000 - 33,300 stake.

all on line 33,600 Hub. 33,900

stake on line. Froth does not

show up: Caughey and Kienow cut
bush - Francis & Ch. & fly

Eat lunch - PM

34,200 Stake. Van reader 8° 25' E

34,466^w = 40.029^w =1/4 Cor Bet 6th 31

US Notes Call for :-

B+Oak 10 N10W 12 LKS =

" " 12 N57E40 " =

I give it a once over and
am sure they are gone. 34,500 sth

34,598. Hub. Van reader 8° 10' E

34,800 - 35,100 stake

35,300 Hub Van reader 8° 10' E

35,400 - 35,700 + 36,000 Stake

33.449. small plink
Hub on line 7° 40' E

47

162

37. 200 - stakes all on line

Hab. in Cen of N & S County or

Shale- rock, from which

4 Twp Cor bears $N 0^{\circ} 28' W 362.10 ft$
 $0^{\circ} 28'$

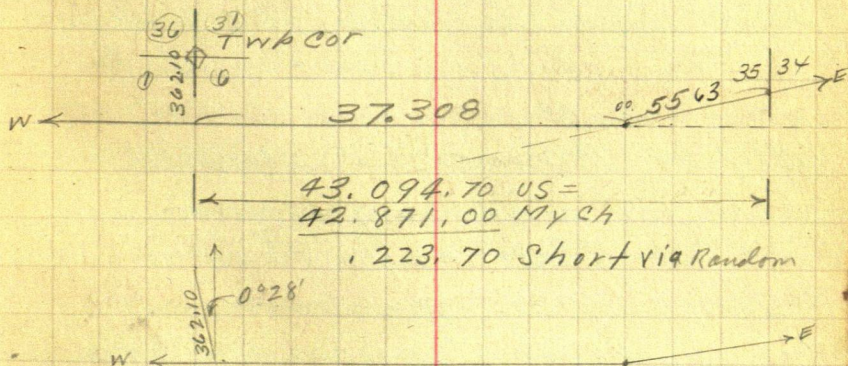
$$\text{Sine} = .00814 \times 362.10 = \overset{(2.95)}{3.00} \text{ West}$$

$$\cos \theta = 99997 \times 362.10 = 362.10 \text{ North}$$

~~177~~ 37.308 West = Two Cr.

42.871

Core Sets North 362.10 Feet



Correction E and W via random
is .005191 - W. See Page 41 & 71

Nov 23-1918

At this point being the Co
to Four townships

T 42nd and 43 N.

R 30th and 31 W us Notes Call for 1-

Pine 20 N 50 W 42 Lks = 27.22 Ft

Pine 22 N 82½ E 365" = 240.90 "

Patrick H Campbell

Son of John J. Campbell,

Comes with John Fallon and his
team and shows us the Twp
Corner which is an

8x8 stone set near
West wheel track of N & S Co. Road

This stone is well made
and well marked evidently
set by Monson Co. under
the law covering same

Campbell says it has
been here 15 years

I set lineant over this
stone and with telescope on
road a mile north, turn

N 82° 30' E and split Cen of
stump but the measure
is only 232.15 Feet when

T 42 } R30-31
43 }

Daggett Brook Twp Work 49

Nov 23-1918 contd

162

It should be 240.90 Feet and
is 8.75 Feet short but the
lap root of a big pine stump
in the ditch about the right
Course and dist NW shows
that the stone was set from
both old B.T.S. by proportion
maby.

The N.E. Stump is "a 36"
white pine now and bears the
flat spot of the old B.T. mark
without dispute. We chained
to the B.T. mark - Course taken
to the center

Fallon meets us with his big team
and takes us home.

Mr Babcock calls up regarding the
no snow yet. Harold & I at John Fallons
Alma and Reed alone at home
Harold at M Paul.

We left @ 8 am and got back @ 6 PM. I work
30 minutes on notes after supper = 9 1/2 Hour
@ \$1.20 = \$11.40

John W Curo

Nov 24-1918 Sunday 162

I. prepare a list of all stakes
from 0.0 to 37.305 and send
Francis Fallon back over the
entire 7 miles to carefully check
all stake and mark out the
numbers as he comes to them

30 minutes preparing list

John Fallon and one
horse + buggy driver Francis
4 1/4 miles SW to the SW Cor of
Daggett Brook Twp where Francis
will begin his march East
Then John is to drive back
home and assist me in
running a ditch

Milt Gordon is to meet
Francis 4 miles South @ SE Cor
Sec 31 T 43 R 29 with team & let
Francis to dinner Then in
P.M. will bring Francis home in
the Ford when he comes for me

I figure and write up
these notes one hour after Fallon
leaves making 1 1/2 hours in a.m.

John W. Cunn

2:10 pm

42 } 30
43 }

51

Daggett/Brook Twp Work

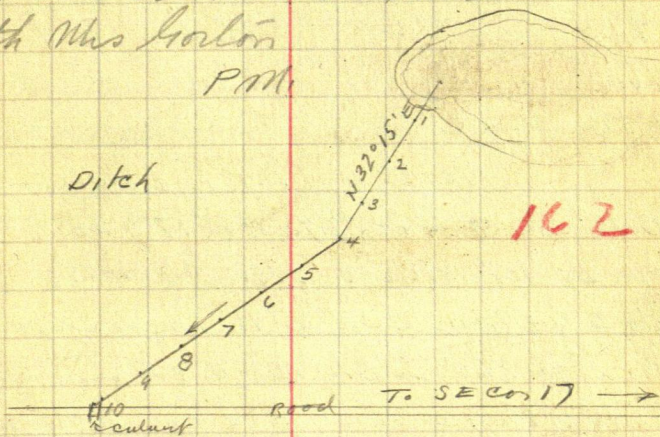
Nov 24-1918 Continued

Dan Kemp arrives at Fallons about 9:30 and with Gerald Curo walk $\frac{1}{2}$ mile East to the ditch site where Gerald and I adjust Level (H & B Transit) and find it perfect @ 300 feet.

We find 18 inches of water & 2 inches of ice on small lake in SE $\frac{1}{4}$ x SE $\frac{1}{4}$ Sec 17-43-30 owned by _____ who goes with us. Kemp takes dinner with us at Fallons.

Francis Fallon takes dinner with Mrs Horton

P.M.



52

T43-30

Daggett Brook Ditch
No Charge for today

Nov 24-1918 Cont'd

| S/L | BS+ | HI | FS- | Elev | Grade |
|------|------|--------|-------|--------|-------|
| BM | 8.85 | 110.35 | | 101.50 | 100 |
| 0 | | | 8.85 | 101.50 | 100 |
| 1 | | | 7.40 | 103. | |
| 2 | 162 | | 5.95 | 104.4 | |
| 3 | | | 5.50 | 104.9 | |
| 4 | | | 4.95 | 105.4 | |
| BM | | | 4.25 | 106.10 | |
| 5 | | | 5.85 | 104.5 | |
| TP | 1.72 | 107.47 | 4.60 | 105.75 | |
| 6 | | | 5.10 | 102.4 | |
| 7 | | | 7.60 | 99.9 | |
| 8 | | | 9.25 | 98.2 | |
| 9 | | | 11.40 | 96.1 | |
| 10 | | | 12.60 | 94.9 | |
| + 11 | | | | | |

Notes on Plat left with Fallon

"Ditch in SE 1/4 of SE 1/4 Sec 17. T43 R30
run by John W. Curo Nov 24-1918"

S/L 0 To 4. Runs S 32° 15' W Then crosses
R. about 20° to Sta 10+11 @ N end of
Culvert in E and W road on sec line "

"John W. Curo"

T 43 Daggett Birch Twp Work 53

R 30

Ditch

Nov 24-1918

162

¢

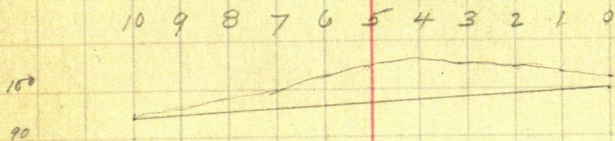
On ice. on small pond in SESE Sec 17

$$\begin{array}{r}
 1.5 \\
 \underline{0} \\
 3.5 \\
 \underline{0} \\
 5.4 \\
 \underline{0} \\
 6.5 \\
 \underline{0} \\
 7.4
 \end{array}$$

On 6" J.P. 12' L No 3+60

$$\begin{array}{r}
 0 \\
 \underline{0} \\
 7.0 \\
 \underline{0} \\
 0 \\
 \underline{0} \\
 5.4 \\
 \underline{0} \\
 3.4 \\
 \underline{0} \\
 2.2 \\
 \underline{0} \\
 0.6 \\
 \underline{0} \\
 0.0
 \end{array}$$

end of culvert



54

42 } 30
43 }

Daggett Brook Twp Work

Nov 24-1918 Cont'd

162

Francis Fallon and Milt Gorton arrive with my Ford; Fallon reports all stakes "O.K." along C. line

Gorton and Francis eat supper with Fallon and I drive my car back with Harold and Gorton

No charge to Daggett Brook Twp for what work we done on the Ditch but I charge for the time I put on notes etc

427 } Platte
43 } 29 Lake

55

161

~~162~~

Nov 25-1918 Monday Twp Work

M D Gorton and his team drives me
4 miles South and correct the
mile of line Nnd S bet 31 and
32 T 43 R 29 in the Rough

Platte Lake
and
Doggel Brook

① Twp Cor
43-29-30

57

Dec 20-1918 Friday

162

Harald J Curo and his survey
tools goes from Business to John
Fallon's with Fallon and his team

Harald is ready to work but
can get no crew to put in SE Cor
of Twp 43 R9 30

Harald boards with Fallon

Dec 21-1918 Saturday

Francis Fallon coming down
with the "Five"

I pay Mrs Lr M M Paul \$36. rent
for Jan 1919- for 3 rooms for Ilo and Ivers
Babcock who will be married Christmas

Dec 23-1918. Monday. I give Ivers \$
ch \$15. expense money for Ivers and Ilo
to go to Duluth

Dec 24-1918 Ivers and Ilo are
married at noon and take noon
train for Duluth

Alma - Harald - Reed and I
take night train to Jenkins to
spend Christmas with Wesley
John W Curo

58

43-29
43-30

②

Doggott Brook
Platte Lake

Dec 25-1918 Wed

Christmas: We arrive Jenkins on morning train and have a fine time all day with Wesley & Mattie

162

Dec 26-1918 Thursday

Wesley - Dwight - Mr. McCune and I go at noon in Buick make 60 mil drive in snow to Big Pond Slam & back. Look up Cedar

Dec 27-1918 Friday

We return from Jenkins on noon train

Dec 28-1918 Saturday

My new field notes arrive from M. L. Audin \$3. I copy special notes

Dec 29-1918 Sunday

Waiting for Gordon who is coming to Brainerd to stay over night with his son

John W. Curo

43-29-30

③

Daggett Brook
Platt Lake

59

Dec 30-1918 Monday

162

Harold still tied up at Fallons
on acct of Francis and Mary has
the Flu and Fallon can get no
crew

Gordon takes dinner with us
and I go home with him

An hail storm in his Ford in big
snow storm at dusk

Ho + Iners Mill at Duluth

Harold still at Fallons

60

T. 42-43
R 29-30

(4)

Platte Lake
Daggett Brook
TWP COR

141

Dec 31-1918 Tuesday

Gordon & his team drives
me 4.74 miles South into
Morrison Co to look for US Corner
so that we may put in Twp
Cn 42-43 R 29-30.

The only good corner we find is
3 miles S. of Co line

We take dinner with the Store
keeper at Platte Store in
S.W. Cor of NW 1/4 NW 1/4 Sec 24
T 42 R 30

Met Mr Walter Hayes of R 3.
Pierz P.O. He owns N 1/2 of SE 1/4
Sec 14 T 42 R 30 Has low
suit over his North line with

Floren Dembovy ? of sec 11 - same Twp

Phil Randall EX Co Surveyor
of Morrison Co run 6 miles North
over the town with compass from
SW Cn 36 to NW Cn 1. Found no
B.T.S. etc

191

Jan 1-1919 Wed

Alma telephones me that Ivers
and Ilo slept in my bed on a
'Dore' or last night

Gordon's baby and Harold Gordon
sick all last night

I call up Preston Caughey who
will meet me tonight on Sec 36
and take me to his place

LV with Gordon & Ilo. Pick
up Henry Joosten and drive to
IM 1/4 Cor bet 31 and 36 Bet

T 43 R 29-30

where US notes call for

WP24 S 50 W 58 LKS = 38.12

" 30 S 45 E 24 " = 15.84

see pg

We find bathold stumps (well marked)
and an iron Boiler lake set by Harold
Curo last summer for the line 1/4
from which we run

South Bet 31-36 T 43-29-30 19.

@ 2603 S. Curo E & W random
line @ 5662.70 W.

@ 2640 Temp line Cor @ 2640 + 2541
= 5181.00 S Temp

1/4 Cor bet 1 and 6 Bet T 42-29-30

John W Curo

Jan 1-1919 Continued

161

South Bet 1 & 6 - 42-29-30
where US notes call for

Maple 14 N 16 W 9 =

gone

Birch 14 N 75 E 11 =

@ about 6200 enter meadow E & W
7821 Lu meadow E & W Temp

Cor 1-6-7-12 T 42 R 29-30

US notes call for

Burr Oak 15 N 76 W 34 =

" " 20 S 20 W 36 =

gone

Birch 14 N 47 E 18 =

Lind 16 S 38 E 13 =

Only picked line - for measure-
ment only. We appear to be 400 ft
low for West. Caughey meets me
with his team and takes me home

Harald still with Fallon

US Notes 42-29-30

At 1/4-7-12 Pine 7 S 78 W 8 =
Maple 13 N 5 W 8 =

7-12-13-18

Elm 12 S 22 W 50

Ash 11 N 12 W 64

1/4-13-18: Tam 16 N 45 W 16
Elm 11 S 12 W 7

Time Sheet Platte Lake No. 1 Daggett Brook

64

85

| Dec 1918 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Jan 1919 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 11 | plus one day on day of game |
|-------------|------|----|----|----|----|----|----|----|----|----|------|----|----------|---|---|---|----|---|---|---|----|-----------------------------|
| John McCro | - | 0 | - | - | - | - | - | - | - | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Exp | - | 0 | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | 25 | 0 | - | - | - | - |
| HJ Cro | 1 | - | 0 | - | - | - | - | - | - | 0 | - | - | - | 1 | - | 1 | 1 | 0 | 1 | - | - | one day on game time |
| John Fallon | - | - | 0 | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | 0 | - | - | - | - |
| Team | 2.00 | - | 0 | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | 0 | - | - | - | - |
| MDorton | - | - | 0 | - | - | - | - | - | - | 0 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Team | - | - | 0 | - | - | - | - | - | - | 0 | 2.50 | 1 | - | - | - | - | - | - | - | - | - | - |
| FP Coughen | - | - | 0 | - | - | - | - | - | - | 0 | - | - | 1/2 | 1 | - | 1 | 1 | - | - | - | 1 | - |
| Team | - | - | 0 | - | - | - | - | - | - | 0 | - | - | 1/2 | 1 | - | 1 | 1 | - | - | - | 1 | - |
| Hooster | - | - | 0 | - | - | - | - | - | - | 0 | - | - | 1 | 1 | - | - | - | 0 | - | - | - | - |
| John " | - | - | 0 | - | - | - | - | - | - | 0 | - | - | 1/2 | 1 | - | - | - | 0 | - | - | - | - |
| No Pay | - | - | 0 | - | - | - | - | - | - | 0 | - | - | - | 1 | - | - | - | 0 | - | - | - | - |
| Team | - | - | 0 | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | 0 | - | - | - | - |

8

161

Note: I game, so on 1/2 day in by but no pay for his team

Carried To Page 96

Daggett Brook
Pla He Lake

(9)

43-29

43-30

161

65

Twp Corner

Jan 2-1919 Thursday

Caughy and team takes me via John
Fallon's house where we get Harold Cunn
and his 300' tape. We

Correct

The Range line bet 43-29-30

At 1/4 Cor Bet 25-30

US Notes call for

WP 25 N 45 W 9 Ls = 5.94 FT

Burr Oak 12 N 20 E 55 = 36.30 "

We find I.M. 2" boiler tube
No cap set this Summer by
Harold from the old WP Stamp
Well marked and roots of N.E. Oak

Setting over Hub 13200. S
back sight on random the 1/4
bears N 86° 46' W 523.60 FT

Random reads 11° over

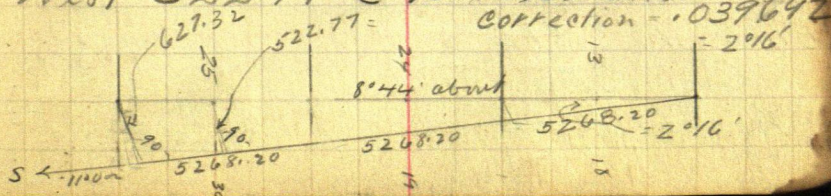
86° 46'

Sine . 99841 X 523.60 = 522.77 West

Cosine . 05640 X 523.60 = 29.53 North

At 13.170.47 South the 1/4 bears
West 522.77 @ 90° to random

Correction = .039692



66

43-29

43-30

161

⑩ Platte Lake
Daguerre Brook
Twiss

Jan 2-1919 Contd

Range Line

At 15.840 South we run
 $N 86^{\circ} 46' W$ 628.32 feet passing
 $1\frac{1}{2}$ feet to the Left and $6\frac{1}{2}$ ft
 beyond an I.M. previously set by
 Harold for the limpany on
 We pull this up and drive
 it thro the frozen ground for
 the line on to trees

25-30-31-36 Bet T43 R29-30

where there will be a heavy creek
 in the Range line which will
 run one mile South Eastly

Straight as we intend to ignore
 the $\frac{1}{2}$ on half a mile South and
 make the mile straight

This line will also run
 North Eastly 3 miles - Straight

25-30-31-36 T43 R29-30

US notes call for

OK Sugar 10 S 50 W 51 Lxs = 33.66 FT steps OK

OK Aspen 12 N 7 W 61 " = 40.26 " "

" 14 N 48 E

Birch 10 S 81 E } roots OK ch dirt
 course

Old B.T.S. O.K.

We think we found old BTS

742-29-30

161

We Cham up what they have cut
and quit for mtr. @ 78-81-84.87
90. + 9.300 net slates. Josen brot
his learn but we can allow him
Nothing as he should have walked
Fearfully cold Harold stays
with me @ Caughey farm

Too cold to work Lay up
Herald & I figure corrections

15. 816.90 Via True Line

Cosine 99922

5272.30

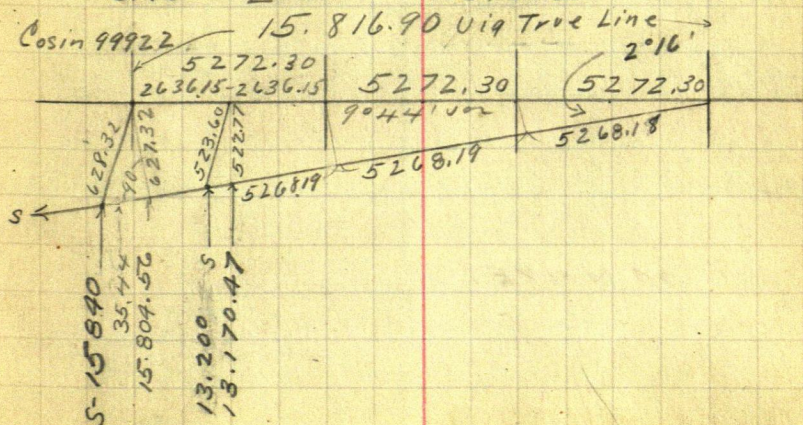
2636.15-2636.15

5272.30

5272.30

9044.102

5268.18



68

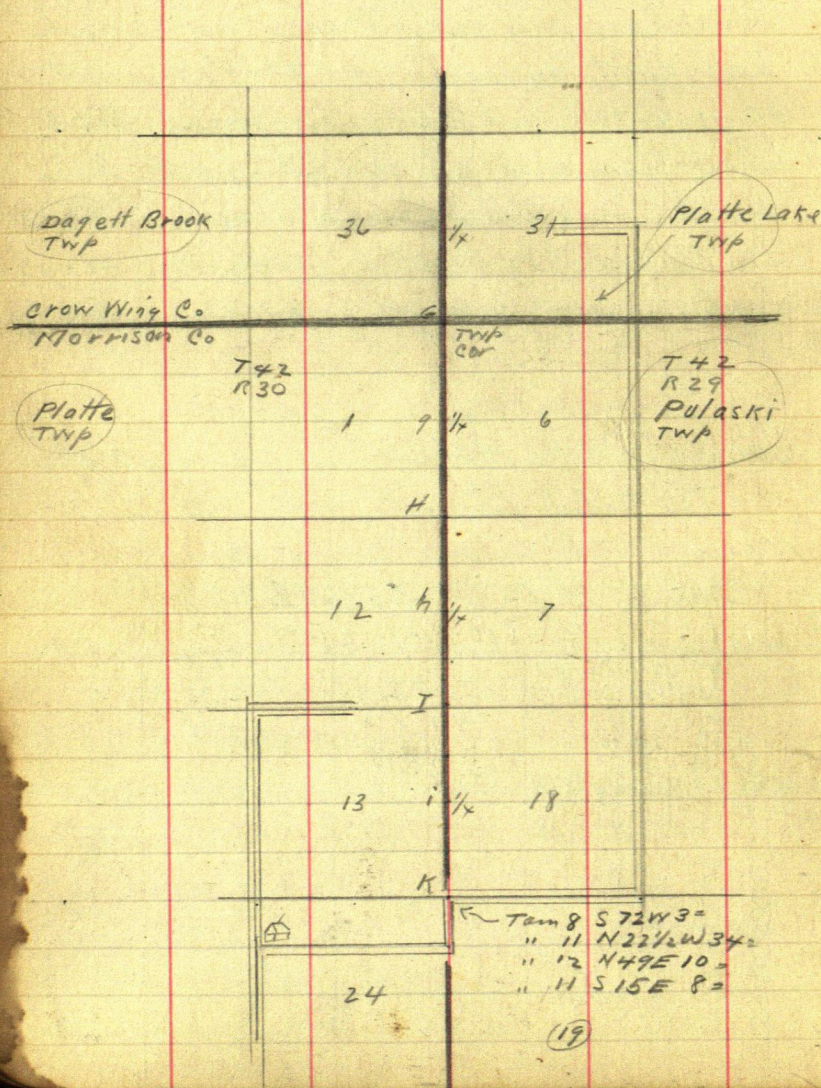
161

(12) Platte Lake
Daggett Brook

Jan 3-1919 Contd

28° below NW wind

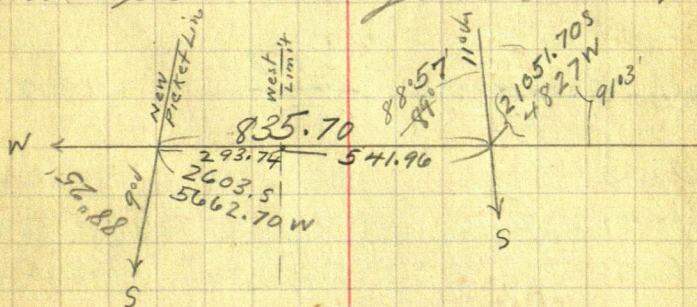
86° 46'

Sine $99841 \times 628.32 = 627.32 \text{ W}$ Cosine $05640 \times 628.32 = 35.44 \text{ N}$ 

Jan 4th 1919 Saturday

SE wind slightly warmer but still cold 10° below? Caught key and learn take Harald and I to SE Cor T43-30 where I take the angles of our random lines.

At 4827 West cross our old transit line @ 21051.70 South and the NW angle reads $89^{\circ} 88' 57''$



At 5662.70 West on old transit line take angle @ 2603. South on our new picket line SW angle reads $88^{\circ} 25'$

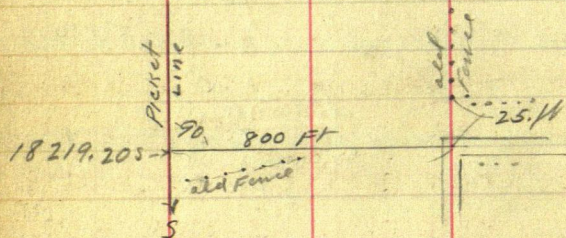
We then drive South and Continue South picket line.

At 18.219.20 South the SE Cor Ser 13-T42 R30 sets East 800. ft @ 90° to random picket line

Assumed SE Cor Ser 13. is a point John W. Curo

Jan 4-1919 Contd

in line with cen of grooved road
running E and S. and is 25 ft So
of Cen of old fence running N and
in line with same and 7.50 ft
So of an old fence which begins 500
ft West and runs West



Addressee

Hannah Hewis

Myrtle Bixby Harry

Minerva Helen

Jan 5-1919 Sunday
Figure Corrections

| | | | | |
|------------------|----------|--------|------------|-------------|
| 1/4 | 26 40 W | Goes E | 13.70 E To | 26 26.30 W |
| SW Cor Sec 32 | 52 80 W | " E | 27.41 E " | 52 52.59 W |
| 1/4 | 79 20 W | " E | 41.41 E " | 78 78.89 W |
| Twsp Cor | 109 89 W | " E | 57.04 E " | 109 31.96 W |
| 1/4 | 136 29 W | " E | 70.75 E " | 135 58.25 W |
| SW Cor Sec 36 | 162 69 W | " E | 84.45 E " | 161 84.55 W |
| 1/4 | 189 09 W | " E | 98.16 E " | 188 10.84 W |
| SW Cor Sec 35 | 215 49 W | " E | 111.86 E " | 214 37.14 W |
| 1/4 | 241 89 W | " E | 125.57 E " | 240 63.43 W |
| SW Cor Sec 34 | 268 29 W | " E | 139.27 E " | 266 89.73 W |
| 1/4 | 294 69 W | " E | 152.97 E " | 293 16.02 W |
| SW Cor Sec 33 | 321 09 W | " E | 166.68 E " | 319 42.32 W |
| 1/4 | 347 49 W | " E | 180.38 E " | 345 68.61 W |
| SW Cor Sec 32 | 373 89 W | " E | 194.09 E " | 371 94.91 W |
| 1/4 | 400 29 W | " E | 207.79 E " | 398 21.21 W |
| Twsp Cor | 430 94 W | " E | 223.70 E " | 428 71.00 W |

See Page 41-47-71-

I work for Bath Twp @ \$5.
Also and I am L. Brainerd for Lulu
at noon. I pray Coughy \$1. to like Fullons
calls home

John W. Curo

Jan 6 - 1919 Monday

-SW cor 33 My stake @ 0.00 W Goes S 90.73
 T43R 29 5563.00 E =

= 1/4 2936.70 E = 2626.30 W .. S 51.18

= SW cor 32
 T43R 29 31040 E = 5252.59 W .. S 11.62

= 1/4 2315.89 W = 7878.89 W - S 5.79

TWP cor
 R29-30 5368.96 W = 10931.96 W Goes S. 4.27

= 1/4 7995.25 W = 13558.25 W

SW 36
 T43-R30- 10621.55 W = 16184.55 W

= 1/4 13247.84 W = 18810.84 W

SW 35
 43-30 15874.14 W = 21437.14 W

= 1/4 18500.43 W = 24063.43 W

SW 34
 43-30 21126.73 W = 26689.73 W

= 1/4 23753.02 W = 29316.02 W

SW 33
 43-30 26379.32 W = 31942.32 W

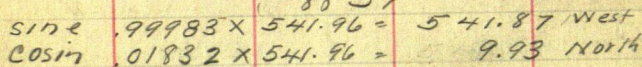
= 1/4 29005.61 W = 34568.61 W

SW 32
 43-30 31631.91 W = 37194.91 W

= 1/4 34258.21 W = 39821.21 W

TWP cor
 R30-31 37308.00 W = 42871.00 W

164



88° 25'

| | | | | |
|--------|---------|----------|--------|-------|
| Sine | 99962 X | 293.74 = | 293.61 | East |
| Cosine | 02763 X | 293.74 = | 8.12 | North |

1036'
sin. 0.2792X
2594.885 X 293.60 cosin. 99961X

$18.219.205$
 $15.624.32$
 $15.630.42$
 800.00
 506.40
 $0.027794 = 1036$

141

Jan 6-1919 Cont'd

Figuring Corrections

From SW Cor Sec 30 T43 R29,

in Crow Wing County

South to the

SW Cor Sec 18 T42 R29.

in Morrison County is

4 miles Less 99 ft US chain

being 21.021.00 US and is

20.867.63 My chain

being 153.37 ft Short, or

.007296 short in each foot

Hat 5280 South-goes

38.52 ft North to 5241.48 South

At 2603. South on picket line we
will chain Easterly along old
transit line 293.74 feet

Then South @ 90° to E+W Transit
line a distance of 4.27 feet
where we will put our line

Twp Corner

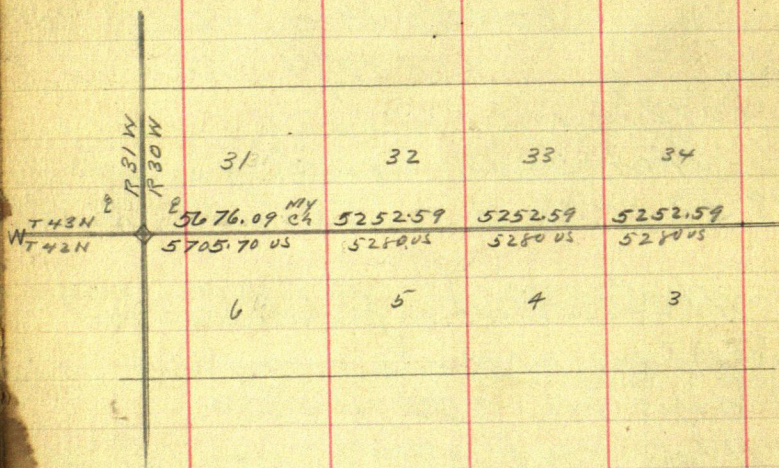
T 42-43 R 29 and

T 42-43 R 30 on Co Line

76

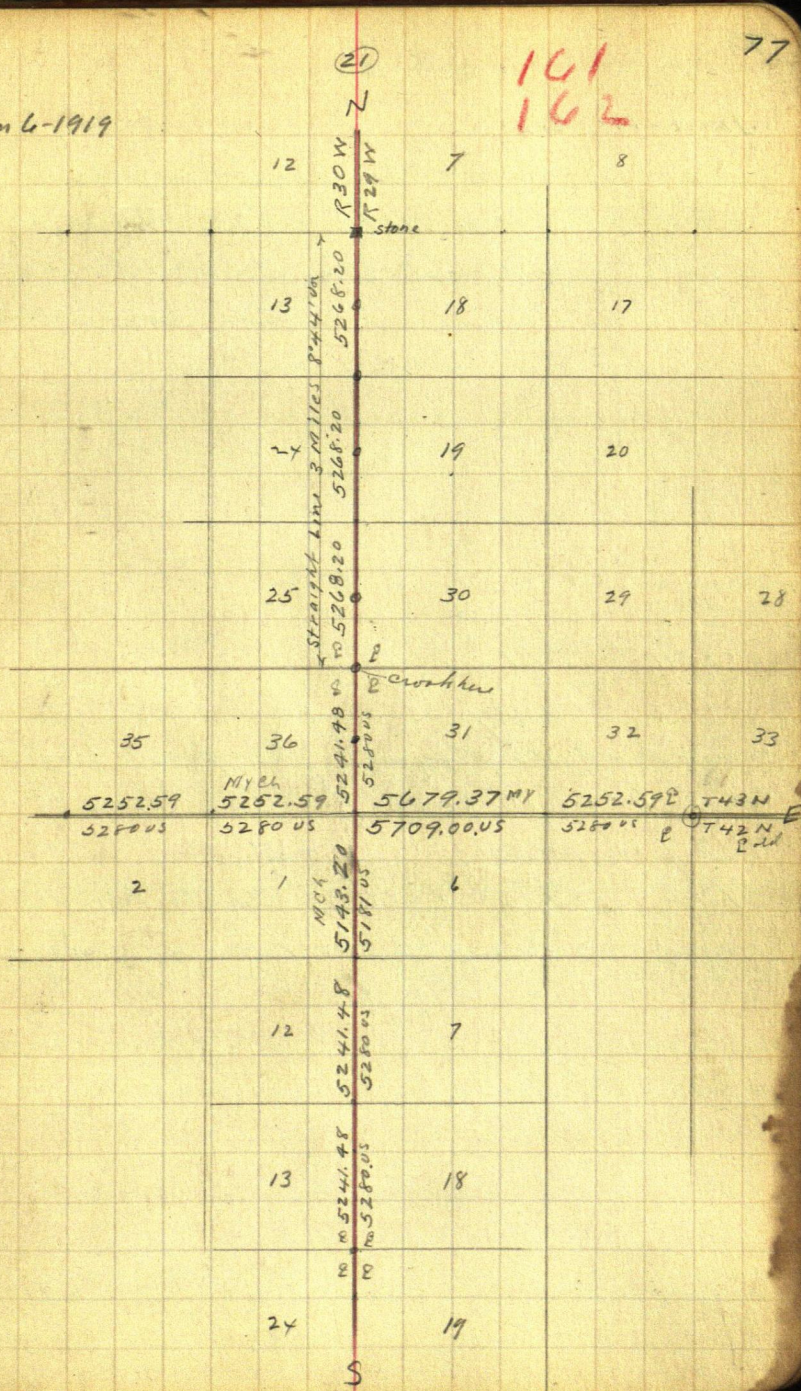
(20)

Jan 6-1919 Cont'd

161
162

Jan 6-1919

161
162



Jan 6-1919 cont'd

Harald and I figure connections
all day - Fred Hohlensee brings his
sister out and I ride back with
him to Beamed. Stay home over
night

Jan 7-1919 Tuesday

County Commissioners
meet at Beamed. I pay Fred
Sanborn \$10 cash for my Bond
and file same. I pay Pres Coughrey
\$.10 for taking Fellows cattle home
and go home with him in evening

Jan 9-1919, Thursday

Caughy and team. Harold and I
Ht Co 10 Secs

20-21-28-29- 43-30

US Nails call for

BP 8 N 51 E 19 Lks = 12.54 Feet

BP 8 S 50 E 26 " = 17.16 "

BP 8 S 61 W 22 " = 14.52 "

BP 8 N 24 W 16 " = 10.56 "

We find the stump of the SE line
plainly marked B.T. from which @ 9⁰⁰ a.m.
we drive a small hub for the line Co.
and mark new BTS viz

Jack Pine 4' N 50° 45' E 39.70 Feet

" " 3' N 43° 25' W 52.85 "

" " 4' S 55° 40' W 50.35 "

" " 4' S 40° 10' E 50.70 "

to four of lines @ 9⁰⁰ a.m. E for line
Cor 10 Secs 20-21-28-29- T43 R 30

Looking a mile West road variations
reads 5° 30' var. Graded.

East 9° var

North 6° 30' var

South 3° 20' var

crooked lines

Run South picket line
about 9⁰⁰ a.m. But 28 and 29 T43 R30

162

25

Dagge H Brook Turp

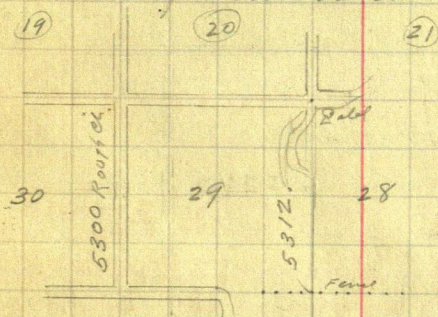
81

Jan 9-1919 Continued

@ 5312 S. Cross old straight E & W wire
fence line. @ 7800 Ft So set stake
N^o "26" Then Quit this line - drive
back and Beg @ Cross roads Chain

North Bet 29-30 along road

@ 5300 ft intersect Cross roads



Stake 26 =
7800 South

82

101

(26)

Platte Lake Trip

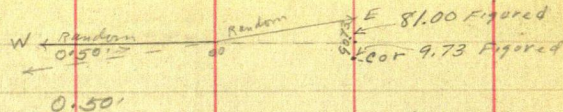
43-29

Secs 31-32

Jan 10-1919. Friday

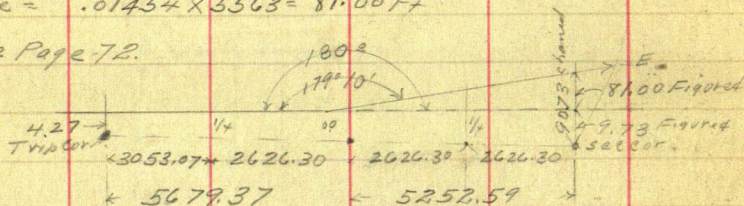
Figuring Corrections

See page 12.



$$\text{size} = .01454 \times 5563 = 81.00 \text{ Ft}$$

See Page 72.



$$\begin{array}{r} 9.73 \\ 4.27 \\ \hline 5.46 \end{array}$$

Correction =

$$10.932 \text{ into } 5.46 = .0005 \text{ of a foot}$$

South for Each foot East Plus 4.27 ft. South

$$\text{My Stake } 5563 \text{ E} = 10931.96 \text{ E. Goes } 5.46 + 4.27 + 81.00 = 90.73 \text{ To SW } 33$$

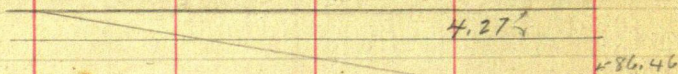
$$\text{" " " } 2936.70 - 8305.66 \text{ v. S } 4.15 + 4.27 + 4.27 = 51.18 \text{ 1/4}$$

$$\text{" " " } 310.40 \text{ E. goes } 4.51 + 2.84 + 4.27 = 11.62 \text{ SW } 32$$

$$\text{" " " } 2315.89 \text{ W} =$$

$$\text{" " " } 5368.96 \text{ W} = 00. \text{ E and goes } 4.27 \text{ Feet To Trip Cor}$$

Correction Again Figured Thus:



$$5563 \text{ into } 86.46 = .01554 + 4.27 \text{ S}$$

for all Stakes East of Stake 00.

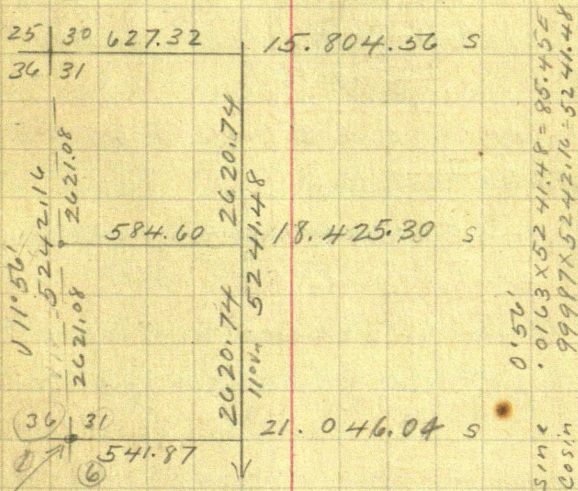
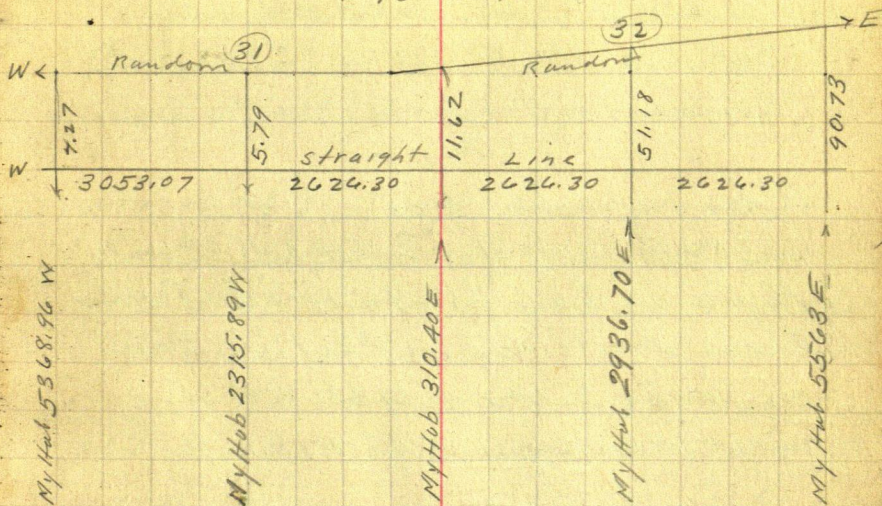
$$5563 \text{ into } 81.00 = .01456 \text{ Each foot}$$

$$\text{East of } 00 + .0005 \text{ E of } 10.932 + 4.27$$

Figure Corrections

Jan 10-1919 contd

T 43 R 29



Trx p cor^s
T. 42 and 43 N
R 29 and 30 W sec. 69-74-77-83

Morrison Co

Jan 10-1919 contd

Caught & learn with Herald
 Cut line South bet 31-32 T43 R30
 I figure correction in a.m.
 P.M.

Chain picket line

South bet 31-32 T43 R30

Reg @ 00. being point in E & W E Road
 Chain South 53 81 Feet to Hub
 on random line @ 31.631.91 W being
 Temp SW Cor Sec 32 T43 R30

Sitting Transit-on Temp Cor
 Hub 31.631.91 West we start
 picket line @ 8°

South bet 5th & 6 T42 R30
 in Morrison Co

@ 4th Chs set stakes 1200's
 and quit for mile

At 9-30 I called up my
 house - got no answer. Called up
 @ 11 P.M. Alma answered saying she
 had been in bed since 7 P.M.

Laird: Plaster put off at midnight

John W. Curo

161

Jan 11-1919 Saturday

Carney and his team take Harald
Curo and I 8 miles East
into Platte Lake Twp and we
Correct

the Nth & S Range line at the $\frac{1}{4}$
Corner but Secs 31st & 36 but Twp
43-R 29 and 43 R 30 so as to make
the mile straight

At 18.425.30 So on Harald's
old transit line we turn 90° angle
and run West 584.60 feet
where we place the true $\frac{1}{4}$ Cor

Harald's temporary IM
sets SW (mostly West) 135 feet

We pull up this IM boiler
tube and re-drive it for the
True $\frac{1}{4}$ Cor but 31-36

See Page 83.

We then drive $1\frac{1}{2}$ miles SE
and @ my old stake 2936.70 East
we run 90° South 51.18 feet
where we drive a 4x60 inch
dry W.P. post for the true

$\frac{1}{4}$ Cor but Secs 5th & 32
but T 42nd & 43 R 29 on the County

86

C. L. in

(30)

43-29-30
Platte Lake Twp
Dodge Co. Ark

161

Jan 11-1919 Contd

Line bet Morrison and Crow Wing Co

This sets in N side of open limestone
Eat lunch

PM

drive $\frac{1}{2}$ mile West and @ my
old stake 310.40 East we chain 1162 ft
South and drive a 4x60 inch dry
white pine post in the swamp for
the line Sec Cor to Sec

5-6-31-32 bet T 42 and 43
R 29 on the Morrison - Crow Wing
Co Line

One old stake sets $1\frac{1}{2}$ ft NW and
another old stake sets $3\frac{1}{2}$ feet NW.

We then drive $\frac{1}{2}$ mile West
and at 2315.89 West on my old stakes
we chain South 5.79 feet and set
a 2x48 inch oak stake for the
line $\frac{1}{4}$ Cor bet 6 and 31 bet

T 42 and 43 R 29 on Morrison -
Crow Wing Co line

We then drive $\frac{1}{2}$ mile West and
at 5386.96 West on my old
transit line we run 4.27 feet
South where we drive a 2x36

Co Line 141 (31)

43-30
43-29
PL and 20 B

87

Jan 11-1919 Cont'd

Last day for both twps

rich border like Iron Monument
for the True Township Corner
To T. 42-43 Rgs 29-30 West on
Crow Wing - Morrison Co line

See plat on Page 83.

Not cold but heavy wind from the
East. Harold and Preston Caughey
drive to Fallon's and get Harold's transit
and clothes

Jan 12-1919 Sunday ⁴³⁻³⁰_{BR Twp}

Caughey and Harold drive East
and continue South picked line
bet 32-33 T43 R30

Reg @ stake '26" = 7800 S.

Ht stake '33" = 9900 S. chain 212.50

To Ht 10. 112.50 From which Temp
On Ht @ my Ht 26.379.32 W bears
S 27°59' W 360.10 ft

27°59'

Sine .46921 x 360.10 = 168.96 W
Cosine .88308 x 360.10 = 318.00 S

Ht 10. 430.50 S This Temp
SW On Sec 33 bears West 168.96 Feet
being 129.50 Short N and S.

Swan on corrections

John W. Cunn

88

C Line

32

T43 R30

Daggett Park Twp

Jan 13 - 1919 Monday

Mystake

5368.96 W

Twp Cor

4.27 IM Twp Cor

142

7995.25 W

(36) 1/4

32.74 IM in Notch in log

10.621.55

SW 36

6.21

IM in Meadow

13.247.84

(35) 1/4

89.69

IM 2.1 N. of 4" pop

15.370 W

112.67

15' Birch Tree on the Old Line Tree

15.874.14

118.14

IM 6.1/2' N. of 3" Willow

SW Cor 35

18.500.43

(34) 1/4

109.47

IM 2.8 S. of 2" Oak

21.126.73

SW Cor 34

100.80

IM on piling 3' N of Cheek Creek 5' wide
3" stake bears N 99.80 FT

← 10.555.80 →
= 4.20 Short
going 2 Miles N.

Caughy and team drove 3 miles
East and 2 miles South and @ my old
stakes @ 15.370 W es being about
10.000 feet West of the Twp Cor we
take the measurement South
to an old blozed 15 inch line tie
and find the distance 112.67 feet
Correcting our E and W
County Line so as to pass thro

Col in.

33

Doggett Brook unit

89

42-43-36

162

Jan 13-1919 contd

this Buick line Correction =

112.67 Less 4.27 = 108.40 ft in

Ten thousand feet plus 4.27 at
each correction

.01084 So for Each foot West of
True Twp Cor Plus 4.27 ft

Ht 15.874.14 West on my old
transit line I chain South 113.87
plus 4.27 = 118.14 So where I drive
a 2x30 inch IM boiler tube for the
line SW Cor Sec 35 T43 R30 in the
S. East edge of big meadow. A 2" willow
bears S. 6 1/2 ft

Drive half mile East and @

13.247.84 W we chain So 85.42
plus 4.27 = 89.69 ft where we drive
an IM being 2x24" boiler tube for
the line 1/4 1/4 Cor Sec 35,
laid stake in top

Ht 10.621.55 W. we chain
South 56.94 plus 4.27 = 61.21 ft
where we drive a 2x36 inch IM
boiler tube in the meadow for
line SW Cor Sec 36 T43 R30
laid stake in top marked. East lunch
John W. Cline

Time Sheet Daggett Brook Trp 43-30 From 1964

Jan 19/9

7 8 9 10 11 12 13 14 15 16 17 18 19

So. Bldg 4 T 43 R 30 -

John W. Curo

Expense

H. P. Curo

F. P. Curo

Team

Dan Kemp

Team

John Blames

Team

John Fallon

Team

John S. Vanderwerker

Louis Halsapple

- 1 1 1 - 1 1 1 1 1 1 1 1 1

- - - - - - - - - - - - - -

- 1 1 1 - 1 1 1 1 1 1 1 1 1

- 1 1 1 - 1 1 1 1 1 1 1 1 1

- 1 1 1 - 1 1 1 1 1 1 1 1 1

- 1 1 1 - 1 1 1 1 1 1 1 1 1

- 1 1 1 - 1 1 1 1 1 1 1 1 1

- 1 1 1 - 1 1 1 1 1 1 1 1 1

- 1 1 1 - 1 1 1 1 1 1 1 1 1

- 1 1 1 - 1 1 1 1 1 1 1 1 1

- 1 1 1 - 1 1 1 1 1 1 1 1 1

- 1 1 1 - 1 1 1 1 1 1 1 1 1

- 1 1 1 - 1 1 1 1 1 1 1 1 1

161

35

91

Sammy's to
Beckman

also \$3.50

92 Co Lm

162

39 Doggett Brook wnh
42-43-30

Jan 13-1919 Cont'd

We drive East and @

7995.25 W w chain S. 28.47
plus 4.27 = 32.74 and drive a
2x30 inch IM-boiler like the
notch in E. edge of big WP log for
line $\frac{1}{4}$ Co on So side 36 full
stake marked.

We then drive $2\frac{1}{2}$ miles West
and @ Hub 21.126.73 W w chain S.
100.80 feet and drive a 2x30 inch IM
boiler like over a 7 ft piling driven
into the swamp for line SW Co sec
34 T43 N30 from which one of my
3" old stakes bears North 99.80 ft
as a bearing This IM is 3 ft N of N
edge of 5 ft creek which runs East.

Old stake which may be old US stake
at same pt as IM.

We drive back $\frac{1}{2}$ mile E and
Ht 18.500.43 W w chain S. 109.47
ft and drive a 2x24 inch IM Boiler like
for line $\frac{1}{4}$ Co on So side 34 from
which a 2" oak bears N. 2.8 ft

John B Garner drives his
lead to Kemp's and leaves them

Co Lin

37 Dogelt Brook 93
42-43-30

Jan 13-1919 Cont'd **Morrison Co**

Dean Kemp takes his team brings
James to Caughey's Picks up
Harold Curo and they go S
and cut pick line

South 8⁰⁰ on bet Sec 2

5 and 6 T 42 R 30 in Morrison Co

Cut one mile find old BTS @
Cor to 54, 7, 1 T 42-30 but as they
forgot their chain cannot set the
Cor and drive home at dark

Caughey and I do not meet Kemp
and James as we leave 10 minutes
before they come and get home 5 min-
utes too late to catch them at mile

Harold & I still with Caughey

I use H & B transit N

Harold uses Gunley. N

John W Curo

94 Co Line

(38)

43-30

Doggett Brook tap

Jan 14 - 1919 Tuesday **Morrison Co**

Caugheynd team drives Harold
and I so and we chain picket line
South bet 5th & 6 T42 R30

in Morrison Co

@ 1042.80 + 1320 = 2362.80 So look
1/4 cor bet 5-6 where US Nalis call for
Pap 15 N 73 W 45 = 29.70 Feet } gone
Spr 12 N 79 E 33 = 21.78 " }
At 4770.80 So the Sec Cor

set's East 5. ft

At this point being the cor. to Sec
5-6-7-8 T42 R30 Morrison Co

US Nalis Call for:

Pine 30 N 77 W 44 LKS = 29.04 Feet

" 10 N 41 E 9 " = 5.94 "

" 24 S 65 E 14 " = 9.24 "

Birch 5 S 63 W 22 " = 14.52 "

We find the stump of the NW and
SE trees standing very plainly
marked which check for

course @ 7°35' var but the dist
between them is 4.23 ft short

By proportion Old 30" WP stump
N 77°W 29.04 Less 3.21 = 25.83 ft my ch
Old 24" WP stump S 65°E 9.24 Less

(39)

43-30
42-30Dagwell Brook
Twp
Co Lin

95

**Morrison
Co**

Jan 14-1919

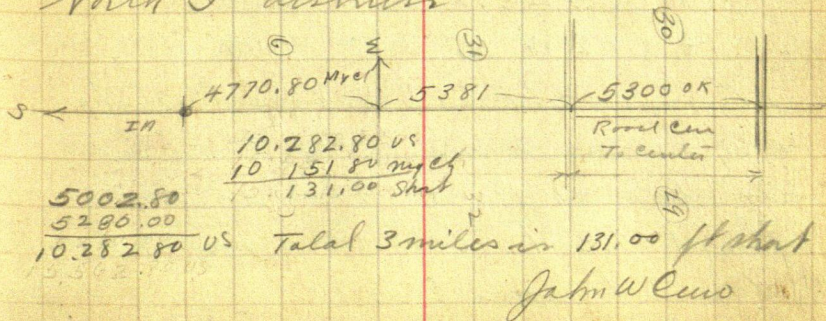
1.02 = 8.22 ft my chain Wemark
New B.T.S. Uiz @ 7°35'

Poflar 8' S 44°12' E 24.80 Feet

" 10' N 51°50' E 36.95 "

" 5' N 82°40' W 33.68 "

" 6' S 30°20' W 17.50 "

To flat spot at base of tree for line on
to Secs 5-6-7-8 42-30 I also
drive a 2." x 36". I.M. being old boiler
tube driven into the groundI mark the distance and
bearing of each new B.T. on the tree
paper for the benefit of the Morrison
Co Surveyor and on the old NW
stump I pencil the course and
distance of the old B.T.S. from Cr.The Birch is gone but the roots
of an old WP standing about 5 ft
North I dismiss

96

Morrison Co

(40)

Daggett Brook work but

in 42-30 Morrison Co

Jan 14-1919 cont'd

We then drive a mile East and eat dinner ^{Lunch}
 at the cabin of Oscar Bartsch Homestead
 on NW NW Sec 4 T42 R30 being

22.08 acres

Dean Kemp and his
 hired man come with two teams to
 get wood Kemp helps load one
 load then catches us at Oscar's
 and in P.M. run picket line

South bet 4-5 T42 R30

Over 8° 30'

HT 726 + 1320 = 2046 S

1/4 bet 4 and 5 US Nalis call for

Pine 20 N 60° W 50 LKS = 33.00 FI } gone

" 10 S 54° E 38 " = 25.08 " }

HT 4686.00 So look for cor. to

4-5-8-9-T42 R30 Morrison Co

where US Nalis call for

Torn 5 N 48° W 23 LKS = 15.18 FT

" 4 N 41° E 10 " = 6.60 "

" 4 S 34° E 11 " = 7.26 "

" 4 S 62° W 15 " = 9.90 "

We find the old Original stake
 well preserved slightly leaning
 in the wet moss. This is the
 first "Real" old US stake I have
 found for some time.

(41)

Morrison Co. 97

Jan 15-1919 Wed.

Kemp and team with Harold Cuno
work in one crew while Caughey and team
work with me. We all drive to Co.

4-5-8-9 42-30 where we find
the old US bearing trees were cut
about noon yesterday cut for wood
by Millard Shannon and Claude
Shannon his son. Stumps were
cut close down but the BT marks
still show plainly the NW-NE & SE
stumps check within 2 inches of the
US chain. We pull up the old stake
and put in its place a 2' x 5 1/2' ft
steel boiler tube I.M. driven
over an 8 foot tam piling.

I mark New BTS Uj @ 8° down

Tam 4 N 32° 30' E 42.00 FT

" 4 N 38° 5' W 26.10 "

" 5 S 59° 10' W 59.60 "

" 4 S 54° 14' E 50.10 "

HT 4730.20 S This cor sets

N 89° 5' W 109. feet. $\sin 0.55' = .016 = 1.75$ N

HT 4728.50 So this cor sets 109. W

sec 15.16 0.00 My chain total 3 miles

109.

S ←

4728.50

10.430.50

98

Co Line

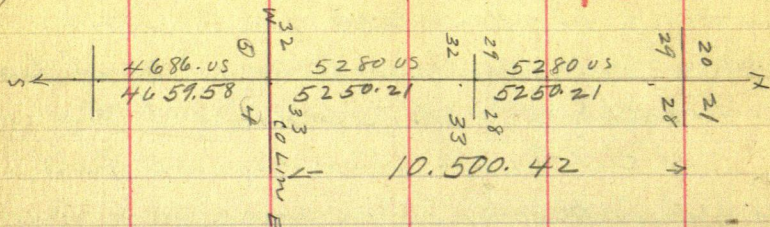
(42)

Platte Lake work

42-43-30

Jan 15-1919 cont'd

162



Correction $N \text{ and } S = .005641$ of a foot short
 $10.560.05 = 10.500.42$ my $Ch = 59.58$ short
 $4686.05 = 4659.58$ " " = 26.42 "
 $726.05 = 721.90$ " " = 4.10 "

(31)

3163.19W

(32)

29.005.61W

26,379.32W

25.066.17

23.753.02W

21.126.73W

(34)

(6)

(5)

69.92 S

77.64

85.36 S

100.80 S

At 26379.32W on old transit line turn
 90° angle and bearing @ 10.430.50 So we
 run S 69.92 ft to 10.500.42. So where
 we set an "IM 2x48" boiler tube
 for Co to 4-5-32-33-42-43-30

Herald and Kemp set this

They then go East and @ 25.066.17
 West run S. 77.64 ft and set West $1/16$
 bet 4 and 33 being Oscar Bartsch's NE corner

Co Line

(43)

Daggett Brookwork 99
42-43-30Jan 15-1919 cont'd
Corrections

162

N 41 S @ Co 31-32-5-6 T42-43-R30

$$\begin{array}{r} \leftarrow 10,282.80 \text{ US} \rightarrow \\ \hline \begin{array}{cc} 5002.80 \text{ US} & 5280 \text{ US} \\ 4939.07 \text{ my ch} & 5212.73 \text{ my ch} \end{array} \end{array}$$

$$10,282.80 \text{ US} = 10,151.80 \text{ my ch} = 131. \text{ short} \\ = .01274 \text{ of a foot short}$$

$$5280 \text{ US} = 5212.73 = 67.27 \text{ short}$$

$$5002.80 = 4939.07 = 63.73 "$$

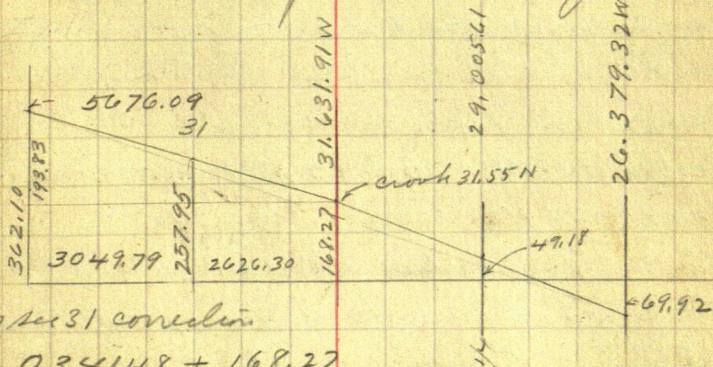
$$\text{US } 10,282.80 \quad 10,151.80 \text{ my ch} \quad 131.00$$

To put in SEC 31-43-30

At Sta 31.631.91 W being 53% So

I turn 90° E + W random and chain

North 168.27 ft where we place



For Sec 31 correction

$$= .034148 + 168.27$$

$$\text{Hub } 34.258.21 \text{ W goes } N 89.68^\circ + 168.27 = 257.95$$

100 Loggitt Brook creek (47)

Co Line
Morrison & Crow Wing

Jan 15-1919 cont'd

T 42-43-30

102

where they drive a 2×48 " boiler tube
for the '16 Kemp and Harold then go East
and @ 23.753.02 West turn 90° and
run South 85.36 feet where they set
a 2×48 " boiler tube IM for the line
 $\frac{1}{4}$ Cor bet 4 and 33 bet T42

and T43 R 30 on Morrison Co Line

They then go West and @ 29.005.61 W
they chain North 49.18 feet and set
 2×48 " IM boiler tube for the line

$\frac{1}{4}$ Cor bet 5 and 32 same Twp

Caughy and I drive West to
31.631.91 W where we turn 90° and run

North 168.27 where we drive

a 2×48 " IM boiler tube for the line Cor

5-6-31-32 Bet T42-43 N. R 30 W

on Morrison Co Line

We then drive West to 34.258.21 W
where we turn 90° and run

North 257.95 feet and drive

IM - 2×48 " boiler tube for line

$\frac{1}{4}$ Cor bet 6 and 31 on Co line

T42-43 R 30 which finishes this
work Finish @ 6 o'clock

Over with Caughy. John W. Cunn

45
Bills

162

101

Bills for Trip Corner Dated Jan 12 - 1919

| | |
|--|----------|
| John W Curo @ \$5 Engr work Trip en | 53.00 |
| Harold J Curo @ \$5. Asst Engr | 30.00 |
| Preston Caughey Work - Board nd Team | 37.45 |
| MD Gorton Supt Survey Board nd Team | 15.30 |
| J. Dooston nd Son ac | 10.00 |
| John Fallon Team nd board | 4.25 |
| \$75. for DB nd \$75. for Plake Total | \$150.00 |

Hand paid Jan 18-1919

Bills S. Bdry 43-30nd I Ms Dated Jan 16-1919

| | |
|--|----------|
| John W Curo nd Tools Engr work @ \$9.60 | \$67.20 |
| Harold J Curo Asst @ \$5 | 35.00 |
| Preston Caughey - Work - Team - Board | 56.30 |
| Dan Kemp Supt Survey nd Team | 13.75 |
| John B. James Supt " " " | 5.00 |
| All to be pd by Daggett Brook Trip | \$177.25 |

all paid Jan 15-1919

Bills For Road Nnd 30-14nd 23

| | |
|--|----------|
| John W Curo nd Tools @ \$9.60 | 28.80 |
| Harold J Curo Asst @ \$5 | Pd 15.00 |
| John B. James Supt @ \$2.50 | Pd 5.00 |
| John W Fallon Supt - Team Board | Pd 22.30 |
| John S. Vanderwerker at Road | Pd 12.05 |
| Louis Halsapple 1 1/2 days | Pd 3.75 |
| Also got today | \$86.90 |
| 88.40 back pay | |

Jan 16-1919 Thurs

Road Survey N²d S. Thro Cen 14-1/2 mil
and 1/2 mil S. 1/2 Cen Sec 23-T 43-R30

John Fallon and learn corner to
Caugheys for Harald and I about 8-30
We drive to Fallon. To our grips and
drive East Meet John James and John A.
Vanderwerker. Drive back and start them
digging up INT @ 1/4 Cor Bet 15th 22
T 43 R 30 We drive back - try to find
INT @ Cor 15-16-21-22. 43-30 Cannot
dig it up so take general Cen of road
running South and chain

East bet 15-22 along graded
road Harald and I ch 300' tape

2640.50 OK. (18)

W ———— T 1/4 Bet 15th 22 - 43-30 E
2643.40 FT

(22)

We leave James and Van to build a fire
to throw ground to dig up 1/4 bet 15-22
Fallon-Harald and I drive East to
Harald's INT @ NE Cor Sec 24-43-30

Where US Notes call for :-

| | |
|-------------------------|-----------|
| Aspen 10 S 60 W 121 LKs | 79.86 FT |
| " 10 N 14 W 40 " | = 26.40 " |
| BROOK 16 N 15 E 21 " | = 13.86 " |
| " " 65 64 E 60 " | = 39.60 " |

We find an INT 2x48" boiler tube
John W. Cunn

162

②

43-30

103

Daggett Brook Roads

Jan 16-1919 cont'd

Set by Harold Curo and Will Gorton
 set last summer on a straight
 line 4 miles long N and S. and from
 this we run

West bet 24th 13 T 43 R 30
 over Harold's old transit line
 re-chainging same

at 300-600-900 check within
 an inch or so of Harold's old stakes
 @ 1200.20 old stake @ 1320.20 old
 Hub @ 2199.30 old Hub marked "2200"
 @ 2639.50 old Hub marked "2640"
 3554.40 Hub

@ 3791 West we are in line with a
 fence running South

3833 about old crooked road S.
 3959.90 Hub 4199.50 Hub marked
 "4200" 4499.50 stake marked "4500"
 4782. Hub 4799.50 old stake "48"
 5399.50 old stake marked "5400"
 5698.50 old stake marked "5700"
 5782 Hub 6298.70 Hub 6300 stake
 6598.80 stake ^{7780.80} 7787 ^{6318.70} about &
 graded road N & S 7800 stake
 7918.40 old stake marked "7920"

John W Curo

Jan 16-1919 cont'd

We all take dinner with John S
Vanderwerker PM

Harold & I Beg @ Stone mkt "x"
in cen of N to graded road and in
line with a graded road running
west being disputed

1/4 Cor bet 14th & 23 T43 & 30

West bet 14-23 Harold & I
chain along graded road

@ 1319.50W new fence runs S.

@ 2663W old crooked fence runs S.

Wernut Magnus Olson (PO. Brainerd
Minn R1") who says this is the
line Cor to 14-15-22-23-43-30 where
he "found the old stake 30 years ago"

West bet 15-22 continued

@ 5395.30^{2,2-} West intersect IM @

1/4 Cor bet 15-22

James and Van have found the IM

We then drive S along graded
road thro sec 23 and @ 400 ft about S.
House sets 140 ft west of road

Drive S to look for BTS and home
with Fallon Harold goes to party at
Campbells John W. Cus

8060

7992

15

14

Sugar 511W
Elm 10N 64E 42

8050

8065

W Oak 20N 26W 16
" " 18 South 9

Asp 8N 63W 28
Bir 8S 30W 48

B Oak 6N 50E 46
No other near

Asp 6N 34W 32
" 6N 45W 35
" 7S 10E 25
" 5S 67W 23

22

Asp 10S 60W 47
" 6S 73E 27

7976 US

Birch 10N 55E 20
W Oak 6S 78E 27
" 6S 30W 5
Maple 10N 62W 46
79 75-05 263104
263104 Birch 8S 83E 352
Tam 10N 88E 425
280,580 AC

43-30

13

Asp 14N 4W 1127
" 10N 5E 1100

8000

Tam 6N 56 0450E 8
" 5S 14E 147

Asp 10N 50E 12
Bir 8S 53E 43
Asp 8S 88W 36
" 8N 41W 36

24

W Oak 10S 35E 23
B Oak 6S 50W 21

W 30N 55E 27 = 1782 AC
W Oak 12S 46E 72
" 14S 60W 52
" 10N 31W 22

8050 05

Asp 8N 18W 10 = 660
" 10S 50W 19 =

Gr Oak 16N 15E 21 = 1380 AC
Asp 10N 14W 40 = 2440
" 10S 60W 12 = 7986
Gr Oak 18S 4E 60 = 39160 AC

162

105

106

Daggett Brook
Roads

(5)

Secs 13-24

43-30

162

Jan 17 1919 Friday

Some crew sent by Louis Hilsapple who
owns SW 1/4 Sec 23-43-30 run East 10° SEast bet 23-24-43-30 S 10° Head N
1800 Hub 2400-2700 stake on line② 2766 E. fence line runs N 11° 30' 3348.20 Hub
4800 Hub All late dinner @ Vanderwerker
PMat 5280 E. old BTS gone @ cor to
23-24-25-26-43-30Vanderwerker and I begin @ stake
5280 E. set with transit. Call this
o.o. and chain picket line

East bet 24-25-T43-1730

@ 5100 E. the IM SE corner 24
bears S 1° 17' W 218.50 ft from picket
line

$$\begin{aligned} \sin 1^\circ 17' & .02240 \times 218.50 = 5.00 \text{ ft West} \\ \cos 1^\circ 17' & .99975 \times 218.50 = \end{aligned}$$

$$5100 + 5280 = 10.380 - 5 \text{ ft} =$$

10.375 East IM @ SE cor 24 bears

S 218.50 ft. Turned from picket line

Herald-James and H. By @ old fence
post 1.30 ft N of line at 2766 E and runs
North this cor of 23. @ 866.30-1315.60 Hub
1792. Hub

Daggett Brook Twt ⑥ 43-30

107

Good in sec 23-

Jan 18-1919 Saturday

162

Fallon & learn from Harold and I
East where we meet Vanderwerker
James & Holsapple

Van & I with H & B. Liunt. double can
hub run line over my picket line

East Correct, Random

Bit 24nd 25' & 10" previously chd
Reg @ Hub 5280 E = 00.

@ 1147.80. Spike in 20' side of 6"

Oak stump set two more points
along line and @ 5150 E my temp
5100 stake set yesterday bears S 15.50
ft. 15.50 added to 218.50 = 234.00 ft.

At 10.375 East the S E Cor of
24-43-30 bears S. (90°) 234... ft

- 10.375. - 100' or

Transit Line
= .0188 98.94 short 1018' R30 90° 234.00 R29
10.377.7 99.96 short 24 19
= 10.576.505
= 198.8.5 short
25 30

Harold James & Holsapple

Continue North the Sec 23 42-30

@ 2190.60^N 2981.20^N 4474.80^N Hub

at 5207.80^N 20' spike from which corner
in rock ⊕ @ 1/4 bit 14-23 bears
John W. Curo

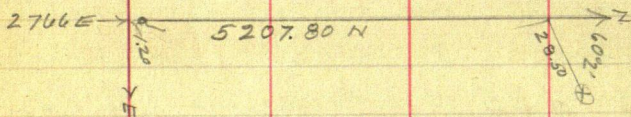
108 Daggett Brook ⑦

Sec 14-23
43-30

Jan 18-1919 cont'd

To Right $60^{\circ}21'$ - 28.50 ft. From spike
One nail box bears West 6.80 ft and the
other 4.50 ft

162



all like dinner with Vanderwerker
P.M.

Herald and Vanderwerker Chain
East and West along the graded
road There is 3 ft difference
in opinion bet Jones and Van as to
the location of the corner

13-14-23-24 T43 R30 11-12-
13-14

as to East and West

We finally decide on the
point where we drive a spike
O.O. in So edge of E + W road
and in line with the center of
a graded road running North
O.O. is also 35.30 ft East
of a fence running North
2.50 ft East of a fence

Daggett Brook

⑧

13-24

109

42-30

Jan 18-1919 cont'd
 running South and 30.50 ft
 West of a fence running North
 East bet 13rd and 24 13-123

@ 461.50 fence running -

578.20 " "

1299.10 + 1.50 = 1300.60

162

1309.30 + 1.50 = 1310.80?

1348.50 + 1.50 = 1350.00

1878.40

2631.30 + 4.0 = 2635.30?

3501.40

3950.30 + 6.0 = 3956.30?

5267.50 + 8.0 = 5276.00?

5267.50 Stone on Range line

Nati this is no good as Van
 Added the 6 inch shoulder on
 each 300 foot chain EXCEPT
 the first chain which was
 held by me.

Reg @ 0.0. They Chain

West Bet 23rd and 26 on road

476.00

1311.80 + 2 = 1313.80?

2613.20 + 4 = 2617.20?

7922.85 Corner + 13.5 = 7937.30

Jahm W. Cunn

43-30

162

Jan 16-1919 cont'd

Note this chain is no good
as Van "threw in" the 6 inch
shoulder on each 300' chain

Can't depend on this chain
as he may be mistaken about
'all' of the chains

Town Board meet at 2-PM
and I put in bills as given at
bottom of Page 101

Doggett Brook paid their half of
the \$150 at top of Page 101

Also all of their bills for \$177.25
And all of the \$86.90

They also turn over my Town
warrant for \$88.40 which they have
been holding But still hold my
Town warrant for \$28.80 till work is
finished Fallon puts in bill
for \$350 for taking us to Bearhead
in the morning

I put in bills for my board with
Fallon till after breakfast
Sunday tomorrow morning

John W. Carr

162

(10)

43-30

111

Daggett Brook Trip

Jan 19 1919 Sunday

Harold stays at Fallon's for a visit
and to help Francis haul logsMr and Mrs Fallon and big sled
takes me and two harnesses home
to Brainerd take dinner with us
team in Hays' barn

Jan 29-1919 Wed

Search old Survey records - look
up Whiteley RK. as to old surveys @
NW Cor Sec 23-43-30

162

Jan 30-1919 Thursday

Mr and Mrs John S. Vanderwerker
and team call for me @ 3-30 PM and
take me from home to their place
where I stay overnight

Jan 31-1919 Friday

I left for Fallon who with his
team brings Harold Curo and Don
Kemp who meet J. James and I
@ $\frac{1}{4}$ bet 14-23 T43 R30
where we continue Harold's old
transit line

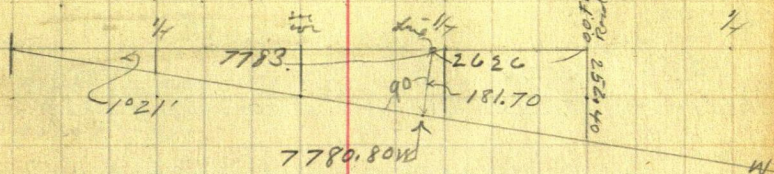
West bet 14-23 on $7^{\circ}40' E$
At 7780.80 W \oplus ^{7883W} stone sets
South 181.70' at 7787.20 W. Stone
with Curo \oplus sets S. $2^{\circ} E$ 181.70 ft
10.443.80 via random 2 road sets
So 252.40

② Daggett Brook
43-30

113

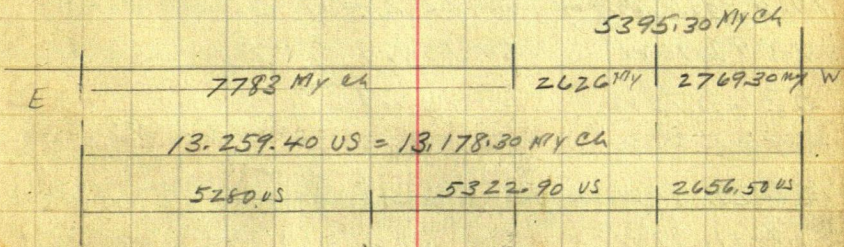
Jan 31-1919 contd

162



$$7780.80 \text{ into } 181.70 = .02335 = 1'21''$$

$$\begin{aligned} \text{Sum} &= .02335 \times 7780.80 = 7783.00 \\ \text{Corr} &= .99972 \times 7780.80 = \end{aligned}$$



Total in 2 1/2 miles = 13.259.40 US and is

$$\begin{aligned} \text{Only chain} & \quad 13,178.30 \\ & \quad \underline{81.10 \text{ Short}} \end{aligned}$$

$$13.259.4 \text{ into } 81.1 = .006116 \text{ W for each foot W}$$

As to East & W Correcting
 13 259.40 W to 13.178.30 W = 1/4 OK
 13.178.30 W to 13.259.40 W = 1/4
 10.602.90 W " E 64.84 To 10.538.10 W Sec 9
 7.941.45 W " E 48.57 To 7892.90 W 1/4
 5280 W " E 32.29 To 5247.70 W Sec 9
 3960 W " E 24.22 To 3935.80 W
 2640 W " E 16.15 To 2623.85 W
 1320 W " E 8.07 To 1311.92 W

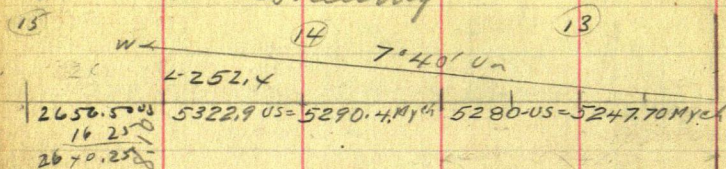
114

3

T43-R30

Jan 31-1919 Contd
Conedding

162



22

23

24

W 10.538.10

10. 538.10 W goes S. 252.4
= .023951 S =

10. 538.10 W goes S 252.4 To Cn

7892.90 W " S 189.1 T. 1/4

5247.70 W " S 125.7 T. S. Cn

3935.80 W " S 94.3 T. 1/16

2623.90 W " S 62.8 T. 1/4

13 11.90 W " S 31.4 T. 1/16

13. 259.40 OS

13. 178.30 MYA

81.10 Short = .006116

15

14

13

2656.50⁰⁰
16.25
2640.252623.85 W
OK

2656.50⁰⁰
16.25
2640.25

2661.45
16.28
2645.17

2661.45
16.28
2645.17

2640.00
16.15
2623.85

2640.00
16.15
2623.85

34

5247.70

W 1850.0149 = 594

162

4

Daggett Brook 115

Jan 1919

Feb 1919

30 31 1 2 3 4 8

SUN

Time Sheet

Plugging in Brook for trip

| | | | | | | | | |
|--------|----------------|-------|---|-----|---|-----|------|-----------|
| @ | | | | | | | | |
| \$9.60 | John W. Curo | 1 | 1 | - | 0 | 1 | 1/2 | 1 |
| \$5. | Harold Curo | - | 1 | 1 | 0 | 1 | - | |
| \$2.50 | John W. Fallon | - | 1 | - | 0 | 1 | - | |
| \$2.50 | Team | - | 1 | - | 0 | 1 | 3.50 | |
| | Don Kemp | - | 1 | 1 | 0 | - | - | |
| | Team | - | - | 1 | 0 | - | - | |
| | J B James | - | 1 | 1 | 0 | 1 | - | |
| John's | Vanderwerker | - | - | - | 0 | 1/2 | - | |
| | Team | \$2. | - | - | 0 | - | - | Livery |
| | D. J. Gordon | @2.50 | - | 1/2 | - | 0 | - | Affidavit |

J. S. Vanderwerker Boarding @35⁰

| | | | | | |
|-------------|----|----|----|----|----|
| John W Curo | SL | SL | SL | DB | DB |
| Harold Curo | D | D | | D | |
| John Fallon | D | | | D | |
| Don Kemp | D | D | | | |
| John James | D | | | D | |

J W Fallon Boarding @35⁰

| | | | | | | | | |
|-------------|----|----|----|----|---|---|---|---|
| Harold Curo | SL | SL | SL | SL | B | B | B | B |
| J W Curo | | | | SL | | | | |

Book

162

Feb 8, 1921

43-30

Via line line
my ch.

23

24

W

2582.28

5263.50 us
98 94 54

5313.00 us

99.86 short

E

my ch.

5164.56

5213.14 my ch

Note:

Survey Record N=162 P 34870

Survey finished Feb 8-1921

The Spring

Nov 3rd 1921 Thursday

E. Kronberg and Co.

Lake Miss Kronberg and Miss Dr.

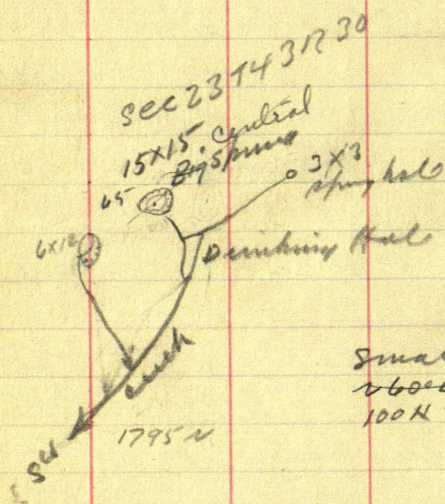
also J. H. Dower and John W. Curo to survey
locality of springs on SE $\frac{1}{4}$ Sec 23

T431730 = 160 acres.

As I have previously surveyed this
section Curo & Kronberg Reg @ $\frac{1}{4}$ on So side Sec 23 - 43-30 T431730North on line @ 1795 ft @ 2'
creek 1' deep floor sub.coming from point 150 ft NE @
2032. N stake 8 inches E of water's
edge of spring 6x12 NW ^{half} post being
dug out depression about 6x122038 line cuts off 4 inches of water at
NE corner of dug out partFrom stake 2032 N. set up line
pole driven in E of spring bear
N 53° E 77 ft on 65 ft E + 40 ft N
pole in big spring bear N 66° E 125 ft
on 115 ft + 40 north

① 1/4

- 1
2 Big Spring 15x15 N 53 E 77. = 40 N 65 E
3 Drinking Hole East 125
4 West .. 6x12 half dug out line cuts
5 E of depression cuts 4" wall v E. cor
6
7
8
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20



Small 3x3 Spring hole
160° E 220
100 N 200 E

② 1/4