

30

Deerwood Twp
46-28

IVY LEAF



NO. 1201

INDEX

(1)

Deerwood Twp 46-28

Co Line Crow Wing & Itasca

Time Sheet 6

Board Sheet 7

US Nails 10 to 12

Maps 12-16-17-18-22-31-

"

Correction E side Sec 1-Pg 17-

2

46-28
Deerwood

Feb 23-1920 Monday

I get a telephone from Henry
Hamdorf Cedar Lake P.O.

R.F.D. 3, Box 68. Tel 8J12

(son of Fritz Hamdorf) Store
Keeper at Cedar Lake) Deerwood

Henry Hamdorf is chairman
of Town Board of Deerwood
Twp (46th R 28th W) and
wants me to come to survey
a road along Co Line bet
Crow Wing and Aitkin Co.

I promise to come Wed
morning on 6.45 am. freight

I carry U.S. field
notes 4 hours in P.M.

Alma helps me on typewriter. I will pay her \$2.50

Tel 25¢ pd by Hamdorf

John W. Cress

Feb 24-1920 Tuesday

I copy old survey records
all day of surveys made
by former Co Surveyors

Whitely Ralph Garrison

Garrison once subdivided

Sec 1- 46-28 also

Sec 36- 47-28

Gerald and I take my
survey outfit to Sta in
evening. He copies v.s.
field notes and I pay her
81.

John W Curo

4 46-28
Deerwood Twp
Crow Wing Co Minn

Feb 25-1920 Wed

I get up at 5-30 Alma
calls me as she has my
breakfast ready

I get to Depot 6-30 but
find it locked and cannot
get my money outfit

Train pulls out ahead
of time and I miss it
Henry Hamdorf calls me at
7-40 and I tell him I will
come on 2-25 PM train

Tel 25¢ pd by Hamdorf.
I will pay same and charge
it to Deerwood Twp

I work all AM at Ct Hs
Pay Miss J. McCall \$5. cash
for copy of land owners in
Timothy Twp 138-28

Catch train to Cedar
Lake & Jakob W Cur

Feb 25-1920 cont'd.

Henry Hamdorf meets me
and drives me to his place
in SE & NE Sect 46-28.

We Lv at 4 P.M. find B.T.S.
at M.C. on N side Cedar Lake
Mr A. H. Peterson meets us there
Supper and over night
with Henry Hamdorf.

Time Sheet Working for Deerwood Twp 46-28												
@ 875' and 825' for Goals & Outlets												
Feb. 1920												
Sun 23 24 25 26 27 28 29												
John W. Crockett												
				1	1/2 PM	1	1	1	1	1/2 AM		
Exp				7:45 25	25	6:00	7:45 25	25	25	25	25	25
Henry Hamdraf 83.					1/2 PM	1	1	1	1	1/2 AM		
Team					7:00	7:00					7:00	5:15
Chas Peterson					1:45	1	1	1	1	1/2 AM		
Harold Everson					4	1	1	1	1	1		
Ever Everson					Ch	1	1	1	1	1		
J. L. Peterson "Lenie"					4	1	1	1	1	1		

8 Deerwood
Twp
Crow Wing Co Minn

Feb 26-1920 Thurs

Town Board are
Henry Hamdorf Aitkin
RFD 3 Box 68 Tel 8512 has Ford
Res SENE 1-46-28-

Oscar Nelson R 2. Aitkin
Res NESE 36- 746 R 28
No phone - Ford Car

T.T. Haaland. R1. Deerwood
Tel - Studibaker Car
Res NESW 22-46-28

F.J. Wingquist Clk
R1. Deerwood Tel. No Car
Res SENE 24 46-28

Peter Nelson Treas Res SWSW
24. Samson Clk Tel.?

First Natl Bk Deerwood

Feb 26 - Cont'd

Very Cold - Guley Transit 300.00

J.W. Curo T.

Henry Hamdorf flg

Chas Peterson Ch

Harold Erverson Axc

Ever Erverson Ch

J.L. Peterson Axc "Levie Peterson"

US Nalis

US Nalis Bay

North bet 11° & 12° 10° E100 Swale NE 1° SW

250 cross swale steep ridge

1800 ent swp E & W 2600 LV

40.00 set $1/4$ Bet $11-12$ Aspen 10° N 40° E 3° Sugar 55° 40° E 5°

5080 MC

Birch 8° N 85° W 19° Sugar 45° 15° E 38°

Along the West margin of lake

6030 set MC

Burr Oak 7° N 12° E 20° = 13.20Sugar 125° 84° W 30° = 19.80

8000 Sec Co 1-2-11-12

Aspen 3° N 33° E 33° = 21.78" 9° N 73° W 45° = 29.70Oak 85° 42° W 45° = 29.70Elm 125° 9° E 82° = 54.12

46-28

11

US Nails

East Tine line bet 1 and 12 ^{510°}450 ^{at} de. Swamp = 264.0 Feet

850 M.C. = 561.00 Feet

Willow 4 N 88 W 104 = 68.64

" 4 S 75 W 70 = 46.20

3550 ^{2343.00 Ft} across Lake Chainarier

M.C. Lind 123 40 E 53 = 34.98

Sugar 7 N 78 E 12 = 7.92

3866 M.C. Lake = 2551.56 Ft

Oak 10 S 31 W 15 = 9.90 x

Sugar 7 N 23 W 41 = 27.06 x

5720 M.C. across lake = 3775.2 Ft

Oak 14 N 10 W 12 = 7.92

" 7 S 50 E 34 = 22.44

7033 Cedar Lake set M.C. = 4647.78 ^{FT}

Sugar 5 N 22 W 37 = 24.42

Butternut 65 72 W 20 = 13.20

7033

938

79 71 LKS = 5260.86 Ft US

South side are 2.

12

46.28

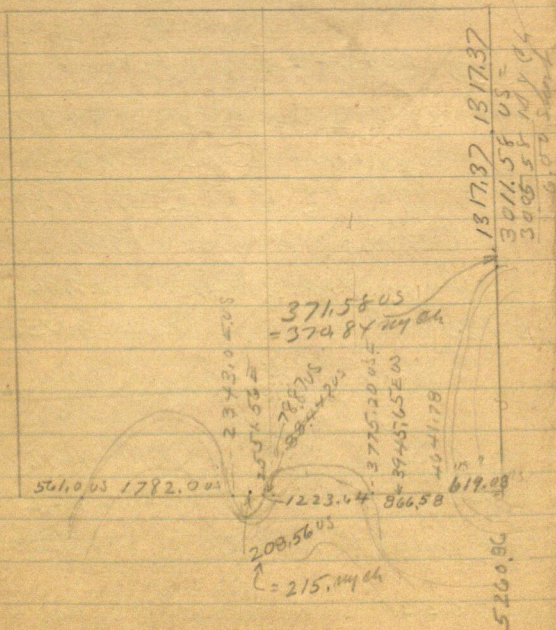
US Nalis

Gouthon line line bet 18.5

4088 $\frac{1}{4}$ Bet 1 and 2

Oak 20N51E 66 = 43.56

" 7N56W 36 = 23.76



Feb 26 1920 Cont'd

We go to NE Cor Twp 46-28
Co Line Cor 46-47 N R

27-28 W. Find old BT.

Stump US Notes are

WP 19" N 65° W 64 Lks = 42.24 ft

WP 24 S 85° W 55 " = 36.30 "

Bt Oak 12 N 85 E 75 " = 49.50 "

Bt Oak 4 S 63 E 67 " = 44.22 "

We find the stump of the
old NW BT from which I
drive a 20" spike for the town
Twp Cor @ 9° 00'

NW BT S

Pap 8 N 45° 10' E 47.6 ft

Pap 12 N 45° 30' N 48.4 "

Bt Oak 55 S 51° 55' W 50.35 "

Old 26" WP Stump marked 'B.T.'
by some late survey bears

S 61° 30' E 27.60 ft @ 9° 00'

Drive 20" spike for line Twp

14

46 R 2.7-28

Co Line

Feb 26-1920 Contd

On .30 of a foot E. of old stake

South about 10° in Handson

Co line but 1 and 6.

Double On Hubs stake on
line 300' ch plumb to top of
@ 300 stake not on line

@ 600 " On line

900 " " "

1000 " " "

1122 Culvert pit

- 1300 Stake on line

1320 about - 2 old stakes set

West about 6 ft

1550 Culvert pit ?

1600 Stake on line

1700 entirely low land w/ lake

1900 Stake on line East Prop

2000 Culvert pit near same place

2125 Lo Prop NW 1/4 E

2200 Stake on line

46-27-28
Co Line
Deerwood, Twp

15

Feb 26-1920 Contd

2292.4 Hub

2500 Stake on line

2630 S. Hub

2640 S. Stake in small
Clover Patch Temp $\frac{1}{2}$

US Valer Calc for

Aspen 5 N 35 E 18 LKs = 11.88

7 N 74 W 47" = 31.02

All appear to be gone.

Garrison claims he found
these lines but Chas Peterson
who was with him says he
did not

Ht. 2644.50 So set Hub

2640 + 366. = 3006.0 South

set hub from which

M.C. On North side of

Cedar Lake bet 1 & 6 bears

N 87° 40' E 14.1 ft

at 3005.58 S M.C. set

16

Aithin and Crow wing
 Co Line T46 N 27-28
 Deerwood Twp

Feb 26 - cont d

E ask 14.1 feet. at

M.C. US Nolis call for

SWamp Ash 6 N 28° E 25 = 16.5 ft

" " 10 N 78° W 19 = 12.5 ft

feet. We find the old NE
 tie green and plainly marked
 and stump of old NW tie
 from which we set spikes for
 line M.C. by Flat Chain
 from face of both ties

div 20 d spike on pt of old
 plate 371.58 ft + 2640 ft US

= 3011.58 US chain and is

3005.58 MyCh =

6 feet short

Requiring Correction

N.
Twp

Feb 26 cont'd

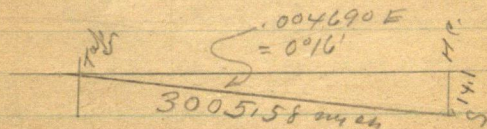
$$3011.58) 6.00 = (.0019923$$

of foot short in each foot to

$$1320 \text{ So goes } N 26.5 \text{ To } 1317.37$$

$$2640 \text{ So } " N 5.26 \text{ To } 2634.74 S.$$

$$371.58 \text{ OS} - 0.74 = 370.84 \text{ miles}$$



$$3005.58 \text{ S goes E } 14.1 \quad \checkmark$$

$$2634.74 \text{ S } " \text{ E } 12.36 \quad \checkmark$$

$$1317.37 \text{ S } " \text{ E } 6.18 = N \frac{1}{16}$$

$$600 \text{ S goes E } 2.81 \quad \checkmark$$

$$900 \text{ " " " } 4.22 \quad \checkmark$$

$$1000 \text{ " " " } 4.69 \quad \checkmark$$

$$1300 \text{ " " " } 6.10 \quad \checkmark$$

$$1600 \text{ " " " } 7.50 \quad \checkmark$$

$$1900 \text{ " " " } 8.91 \quad \checkmark$$

$$2200 \text{ " " " } 10.32 \quad \checkmark$$

$$2292.4 \text{ " " " } 10.75 \quad \checkmark$$

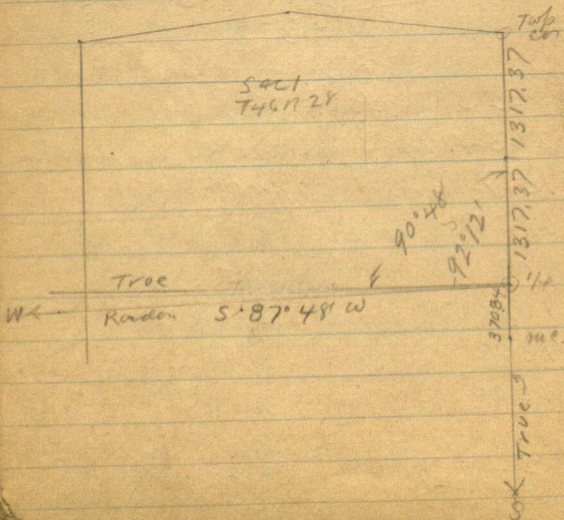
$$2500.0 \text{ " " " } 11.73 \quad \checkmark$$

18

Co Line
Deerwood Twp

At 2634.74 S cham East
12.36 and set Hub for line
1/4 Cor on Co Line bet land 6
T46 R27-28

From which line from the
line Co Line and run
S 87° 48' W on random
thru Cor of Sect T46 R28



Loc 1 T46 R28

19

Feb 26-1920 Cont'd

Run West S $87^{\circ}48'$ W on Random

300	Stake on line
600	" "
900	" "
1200	" "
1500	" "
1800	" "
2100	" "
2400	" "
2700	" "
2950	cut sup SE end. N.W.
3000	Stake on line
3300	" "
3435	about LV open bog N & S.E.
3600	Stake on line
3775	cut in open bog N & S.

Mrs Henry Hamdorf is 34.

Birthday Party Today

Party go home after midnight

John W. Curo

20 Working for Deerwood
Twp Crow Wing Co Minn
Sec 1-

Feb 27-1920 Friday

I got lashed @ 1-a.m. & party

Call upon my house re-verse
charge. H. Bramerd for field value

Says Crew Continue

Went this am Sec 1-46-28

3877.4 Cross fence NTS

3900 Stake in to 7 on line

4200 " " " " "

4500 " " " " "

4600 (about) L & Brg NTS

4800 stake. 4803.3 Hub on hill

5100 Stake not on line

5157.40 Hub in NTS road

From which $\frac{1}{4}$ Cor bet 1 & 2 bears
N $5^{\circ}28'E$ 126.10 feet

$\frac{1}{4}$ Cor bet 1 and 2-46-28

US Nails call for

Oak 20 N $51^{\circ}E$ 66.4 Ks (= 43.56 FT)

" 7 N $56^{\circ}W$ 36 " (= 23.76 ")

We find the NW Oak well
marked but the wormer house

Secs 1 and 2 - 4628

21

Deerwood Twp

calin the figures somewhat
but probably better show. We chop
4 inches into the standing green
tree set 205 spike 3 ft E of
N & Road Cen for

True $\frac{1}{4}$ Cr

@ 10° 15' W set from old NW line
NW BTS on

10" Oak N 20° 55' E 36.20' to nail

12" Oak N 76° 09' W 65.10' " "

5" Oak fence Post S 38° 30' W 52.60'

15" Red Oak stump S 30° 04' E

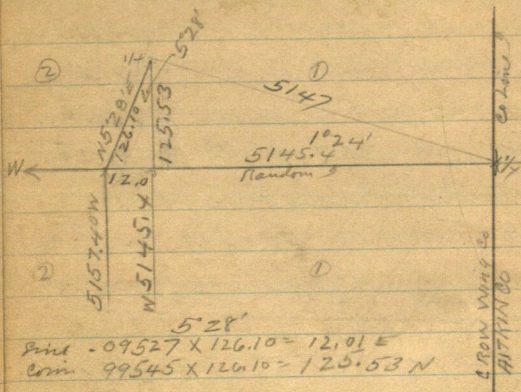
73.75 to nail head all at 10° 15'

Old fence runs E and another
West from $\frac{1}{4}$ Cr previously set.
by Garrison

22

T46 R28

Deerwood Twp



At 5145.4 W The $\frac{1}{4}$ Cor sets
 North 125.53 Feet = .02441
 a foot N for each foot West
 = $1^{\circ}24'$

$1^{\circ}24'$
 $\text{Sine } .02443$
 $\text{Cosine } .99970 \text{ into } 5145.4 = 5147.0$

By way of line line

Correction = .0244

To Correct EXW Cor line
 thro Sec 1 - T46 R28

Feb 27-1920 cont'd
Deerwood E & W 2 Ac 1-46-28

(23)

300	W	goes	V	7.32	V
600	"	"	"	14.64	V
900	"	"	"	21.96	V
1200	"	"	"	29.28	V
1500	"	"	"	36.60	
1800	"	"	"	43.92	
2100	"	"	"	51.24	
2400	"	"	"	58.56	
2700	"	"	"	65.88	
3000	"	"	"	73.20	
3300	"	"	"	80.52	
3600	"	"	"	87.84	
3900	"	"	"	95.16	
4200	"	"	"	102.48	
4500	"	"	"	109.80	
4800	"	"	"	117.12	
4803.3	"	"	"	117.31	
5145.4	"	"	"	125.53	

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Feb 27-1920 Cont'd

PM

We go to Cor 1-2-11-12-46-28
where US Natives Call for. See Pg 10

We find the S.E. Elm standing green
plainly marked also stump of
S.W. Oak good and sound from
which we set a 10th nail for line
Cor by flat Ch from face of trees
after which they stand viz 8°50'
Old Oak stps

Old Elm S

New BTS viz

6" Pop. N 68°08'E 37.55' Ft

Shell of 36" W.P. stp N 54°35'W 66.45'

Pop 7S 54°58'W 52.80 Ft

Maple 8S 27°14'E 41.85 To old Hole ^{auger}

All @ 8°50' on Run

East N 89°34'E. Random
between 1 and 12

300 stations line @ 561.0

Note @ 2100 on
V changed to 3000.0 E.

Temp' M.C. (gone)
 600 stakes on line 610 ent. Cedar
 Lake (West arm I guess)
 900-1200-1500-1800-2100
 stakes on ice on line at
 2100 M.C. bears $4^{\circ}41'R$
 254.2 ft being
 $4^{\circ}41'$

Line $.08165 \times 254.2 = 20.76 S \checkmark$

Corin $.99666 \times 254.2 = 253.35 E \checkmark$

2353.35 E NP S. 4 S 20.76 //

= 10.35 ft too Long

Continue East

~~2400 stakes on line 2482 Hub~~

~~2482 Hub on his ridge N to general~~

~~not frozen~~ US Nalis S. Py 11.

We find the SE Lineal standing
 green plainly marked and the
 NE Sugar standing plainly marked
 but dead from which I set
 the M.C. by flat Chain from

face of trees: and set small
stick hut for M.C.

Nali: as the valley drops
off to 3030' in I do not take time
to put in new B.T.s but continue
East.

@ 2400 stake on side hill on line

2482 Hub on hog back ground
not frozen. 2502.3 Hub E.

slope. 2575 E stake on line
ground not frozen.

From Stake 2575 E M.C.
bears S $26^{\circ}45'W$ 14.80 feet

See US Nalis Page 11.

We find the SW "Oak" standing
dead but plainly marked but
it is a Maple instead of oak
10 inch in size it is the true
old SW BT and has been
re-marked near the old
marks.

Deerwood
Sec 1-46-28

27

Feb 27-1920 contd

We also find the old stake
used by Co Surveyor Harrison
which may be the old US.
stake. The NW Section is gone.

We cannot use the compass
Needle of the Transit as it
dips off to 30.4° but I pro-
duce about the exact line
E & W line and check the old
stake for course with the old
B.T. which I find correct.

$26^\circ 45'$

Line $45010 \times 14.8 = W 6.66 W$

Corr $89298 \times 14.8 = 13.22.5$

At 2568.34 E - The M.P. set 13.22.5

$2551.36 \text{ US} = 2568.34 \text{ ft My Ch}$
 $= 16.78 \text{ ft Long}$

At this M.P. New B.T. on
7" Rock Elm (Lead slip on Elm Fork
18.70 ft

28

Deerwood Trip 46-28
see 1-12

Feb 28-1920 Saturday

Adjust corrections till
9 A.M. Then Call Brammer
on reverse charge talk 20
minutes

Alma Call me a second
time at 11 am to be chgd
to Deerwood Trip

I also hand Henry
Harndorf 50¢ for the two calls
he put in to get me

I cannot get any
result by calling Brammer
and will have to go later
to get Special Notes

Leave home @ 9-30 and get
back at 11 am.

We go to M.C. at 2568.34 E
and continue our line

East Bet 1 & 12 - 46-28 Rammer
2800.3
@ 2700-3000-3300-3600

station is

2801.30 E Hubonice

3721.80 E Hubonice

From which M.C. on E. side
of Cedar Lake runs bears
N $1^{\circ}45'$ E 96.50 Feet
 $1^{\circ}45'$

Line .03054 \times 96.5 = 2.95 E

Corr. 99953 \times 96.5 = 96.45 N

At 3724.80 East of M.C.
Sets North 96.45 feet.

At this point we find the
old U.S. stake. See Pg 11.

The Old SE line is down but
plainly marked. ^{S 40° E} The stump

of the NW 14" Oak called for
is there but they really

scribed a 7" Oak just in front
of the 14" Oak which stands
dead but plainly marked
N 20° W 7.92 N

30

Deerwood
46-28

Sec 1-

Wx lake new BTS viz
 14" W. Oak about S ^{S 172° 10' E} 22.10 FT
 10" Poplar NE 20.05 ft N 42° 10' E

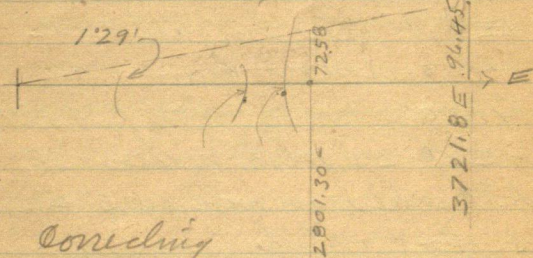
We drive a 20 ft spike for
 the line corner

As the SE Cor Sect 1- is
 in cedar lake and as the M.C.
 just west of it is gone we will
 fix the S. body of SE 1/4 Sec
 1-46-28 by setting on the
 M.C. which is the most E. or S. E.
 now standing and will figure
 out to turn telescope west
 in line with SE Cor Sect 1- and
 produce on line East to the
 water at SE Cor Sect 1.

Because the two Ter-
 minal points fix the line
 course Correction to make
 this straight would be

Feb 28 1920.

.02591.35 = Tang 1° 29'



Correcting

Temporary to produce course
of E at half mile but 1 mi 12

At 2801.3 on ice go as North
72.58 where we set back right
on ice and with transit E orb
occurs lake on ice run

East on line line 1812
3721.80 MC + 78.2 = 3800 stake
3972 same way
on red hill. Then look
West on stake on ice and
back to the line West to
solid ground and put
stake on line 80 Rods West
John W. Curo

for future use

Then resume our line
East line line bet 1 & 12
4100 stake on line

4150 " " " top first hill

4280.20 stake on second
hill where we reach 5'E

@ 4400 stake

4631.50 E stake on line on
sea wall 4650 about
enter Cedar Lake @

4641.78 US See US Nels. P. 11

BTS gone

4700 stake on ice 5000 same

5192.70 East - on line line
intersect line line from
the north at 5395.70 East

Walking North To

$\frac{1}{4}$ Cn E. side Sect 1-46-28

Channing from stake 3006.

on Random line

Deerwood
Co Line Crow Wing Belkin 33
Feb 28-1920

South on Co Line

3300 stake on ice

3600-3900-4200-4500

stake on ice at

3300^s Chain East 15.48

set back right on line E/line

sect- produces at 4500s

Chain E 21.10 ft set back

back right on correct it

but 15.48 and continue

South producing E/Boley

sect- 46-28 80 on ice

45025 enter small island

4650 L/line 2/3 W and 1/3

E of line on 100 ft W and 50 ft E of

line @ 4800-5100 stake on

in 5395.7 South intersect

True line from the West at

5192.70 East

NW angle of True lines read

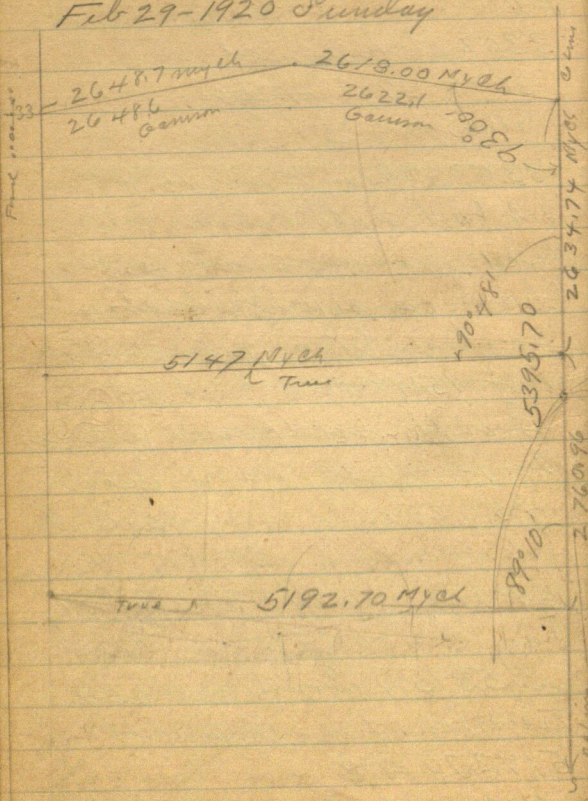
89°10'

John W. Cress

34

Deerwood Twp
46-28

Feb 29-1920 Sunday



Feb 29-

Henry Hamdorf - Chas Peterson
 J. L. (Lewie) Peterson and I got
 NE Cor Sect 1-46-28

Twp Cor and Chain

Went along Twp road Plumb.
 bob - very hilly 300-600-900-

1200-1500-1800-2100-2400-

26 18.00 W hit Iron Mon set
 for $\frac{1}{4}$ Cor Bkt 1 and 36 T46-47
 NR 28 W. Garrison at this
 $\frac{1}{4}$ Cor from Old B.T.S.

and at a post -- Later Henry
 Hamdorf says August
 Luck put an iron pin in
 place of the post

We find the Iron Pin 33 ft
 N of E & W fence - also 30 ft
 South of an E & W fence and
 in line with fence running N.

Feb 29.

Garrison's value gives this distance 2622.10 ft or 4.10 ft longer than our chain but this is because our chain closer with a very long (300) chain and plumb-tob.

We pick up the extra 4.10 ft on those big hills. Continue

West along road top line
2700-3000-3300-3600-3900
Slaker 3921.00 West fence
Runs South This is
where Garrison set his 1/4 C.
4200-4500-4800-5100 slake
Vols on line.

5241.70 W fence runs North

5255.5 W " " South

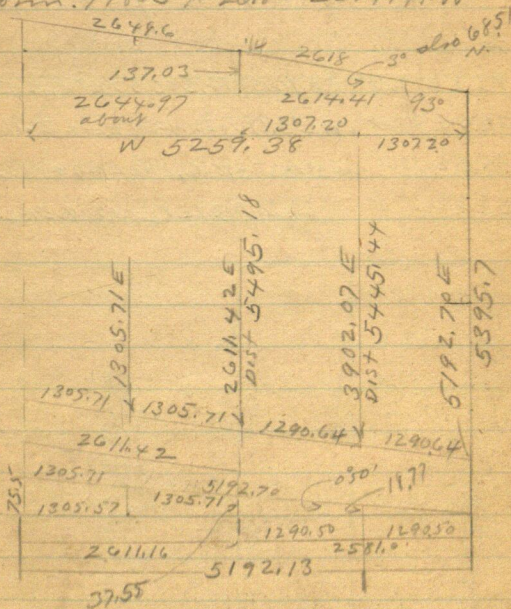
5266.70 W. about cen N & S road

33.00 ft E. of N-S and W fence

Cor: 5299.7 Cn Port of fence
N-S - and W.

3° 00'

$$\text{Corin. } 99863 \times 2618 = 2614,41 \text{ W}$$



0.50'

$\text{Pin} \cdot 01454 \times 5192.7 = 75.5$

$$\text{Corr } 99989 \times 5192.7 = 5192.13$$

Figuring Corrections To Body Sec 1

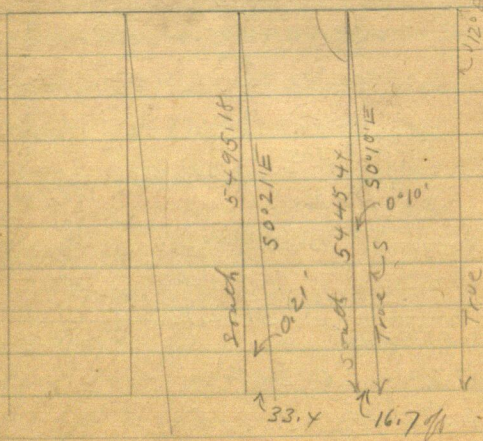
.0012786 of a foot West for each foot
E

1322.48E $\frac{1}{2}$ W 16.91 T = 1305.57 E $\frac{1}{2}$ E.14 = 1305.71

2644.97E " W 33.81 T = 2611.16 E $\frac{1}{2}$ E.26 = 2611.42

3952.17E " W 50.53 T = 3901.64 E $\frac{1}{2}$ E.43 = 3902.07

5259.34E " W 67.25 T = 5192.13 E $\frac{1}{2}$ E.57 = 5192.70



Feb 29-1920

Spigun corrections till 5 PM.
then J. L. Peterson and Spigun out and

Correct up a part of the C line

At the NE Cr of T 46-28

the SW angle of true line
reads $93^{\circ}00'$

2011.42

25.75

36.42

March 1-1920 Monday

Full crew working.

W finish connecting the last
Bdry of sec 1 - set spikes - short
hub and tall stakes at every
300 ft as checked 1" on page

17. Stakes marked

'True Co Line Road Center'

$\frac{1}{4}$ Cor

HT $\frac{1}{4}$ Cor Bkt 1 and 36 T46-47 W

R. 28 W IM I set new BT 503

9' Oak stump N $69^{\circ}27'W$ 79.65

Oak tree 9'S $21^{\circ}10'W$ 99.9. @ $11^{\circ}W$

Figures from line C line assumed as
True South

From the iron $\frac{1}{4}$ (run 38)

S $0^{\circ}21'E$ (See page

300-600 stakes Not on line

709.7 Hub - 900 - 1200 - 1500 - 1800

2100 - 2400

2849.3 spk

Deerwood

41

Cur lin NW sec 9-46-28

2869. So cross random

2600-10 W.

3500-3300-3600 water line

3743.3 N. 1/4 Sec 9 E.

3900-4200 slates on line

4500-4800 slates water line

4911.60 N. 1/4 Sec 5100-

5401.9

765

53235

5332.5 N. 1/4

5400-5450 slates on line

ground not frozen

5750

113.1

5563.10 S cross random 55631

@ 2614.2 E. 1/4

39.2

2575

261.4.2

2411.4

2.8

25260.16

2630.43

2551.56

7887

42

Nov 1-1920

46-28

Sec 1

$$1223.64 \text{ ds} = 62.00 \text{ hrs}$$

1161.63 mch

1156.46 mch

96.45

m p

13.22

m p

Sec 12

3724.80

Sec P727

2568.34

3724.80

2568.34

1156.46

$$\begin{array}{r} 96.45 \\ 13.22 \\ \hline 109.67 \end{array}$$

1161.63 mch

5°25'

1156.46

109.67

$$\begin{array}{r} 1156.46 \\ 109.67 \\ \hline 1046814 \end{array}$$

5588.60

4625.84

1285

60.00

962760

725168

87592

Deerwood
Twp

263043
256830
620

43

5°25'

37752
255150
7223.67

Sim. 109440

corn 99553

99553 / 1156.46
99553
160.930
99553
613770
597318
1643.20
99553
649670
6137.70
339.000

1161.63 1223.64
1161.63
62.00

MC T. MC. 62. / short in

1223.64 =

1223.64 / 1.0556
62.0000
611820
818000
818184

Nale Total So line sec 1.

5260.86 / U.S. Ch. 1/4 corner

2630.43. US MC. corner

2551.56 US

78.87 FUS of MC.

44

Mar 1-1920

$$\begin{array}{r} 7887 \\ 506 \\ \hline 47322 \\ 39435 \\ \hline 3990822 \end{array}$$

From MC to
 $\frac{1}{4}$ is 78.87 less

$$\begin{array}{r} 3.99 \\ \hline = 74.88 \end{array}$$

From MC wd Chain.

± 74.88 and set $\frac{1}{4}$

@ 74.88 E of $\frac{1}{4}$ cor wd line

20' up in edge of $\frac{1}{4}$ cor

New B T S 0.7

Bearing 10 N 40 40' E 34.6

at 10 N 75 70' W 25.5 ft

Old stake about west 13.6 ft

5563.10 S The $\frac{1}{4}$ cor bears

S 75° 35' E 29.3 ft

75° 35'

Line 9685 $\times 29.3 = 28.38 E$

Cor 2489 $\times 29.3 = 7.35$

• at 5570.40 S $\frac{1}{4}$ cor E 28.38

= 10050951 =

Deerwood
Twp
Cen Sec 1-46 R 28

45

2700S gaes E 13.77

2850S " E 14.54

2575W gaes N 62.83

2600W " N 63.44

Reefage 23.

.0244

at 2400W Cen Sec 1-46-28 bears ^{west} west
18°55'N. 194.10 //

at 2849.35 Cen Sec 1-46-28
N 18°07' E 46.2 //

(From Cen Sec 1-46-28 Pop 5-W-

44.80

Prim. along SE 13.75

5" Pop NE 56.20 //

6" Pop NW 45.65

BTS at Cen Sec 1-46-28

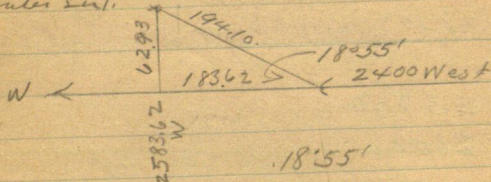
Mar 1-1920 John W. Cress

46

Mar 1-

Center Sect-
T46 R28
Deerwood Twp

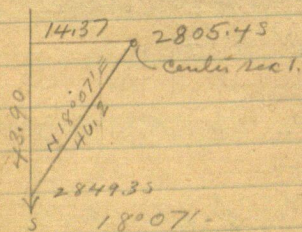
Center Sect.



Since $32419 \times 1941 = 62.93 N$

Corr $94599 \times 194.10 = 183.62 W$

At 2583.62 West the Center
of sec 1-bears North
(90° To Random) 62.93 Feet



Since 31095×46.2

Corr 95043×46.2

At 2805.40 South the Center
of sect- bds East 14.37 ft (90°)

Mar 2-1920

47

At 1291.81 W the $\frac{1}{16}$ in cen of
 East half of Sect 1 - sub North
 31.46 (or 31.52)

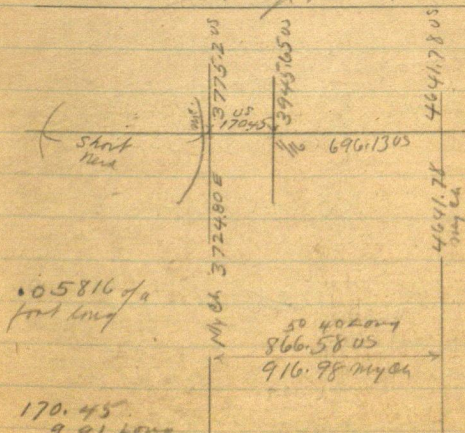
At 1200. W. well run

N $71^{\circ}05'W$ 97.05 ft to

$\frac{1}{16}$ in cen of Sect 1 - 46 - 28

→ Figured from Random but really
 N $73^{\circ}16'W$ from True Co line

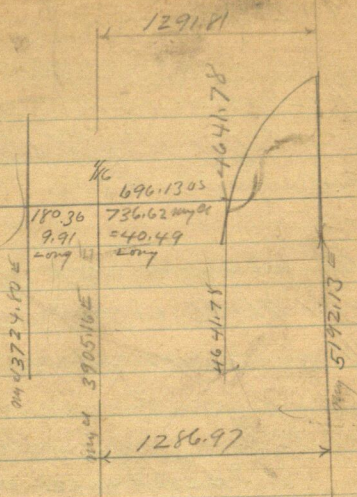
See Page 12-29-



0.5816 of a
 foot long

170.45
 9.91 Long
 180.36 E 7 MC

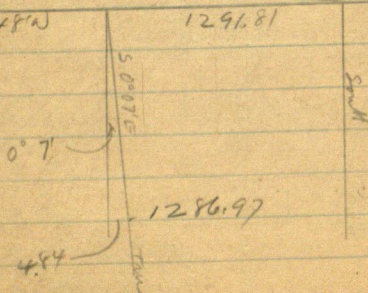
48



San 11/18

Turn 589° 12' W

Random
387° 48' W



T-46 R 28

Sec 1-

49

N 73° 16' W

300.00

89.15

210.85

210.85

900.0

106.3

793.7

793.7

1330.7

1500.0

2131.8

169.3

2145

1330.7

2725 Hot Tens S Line 180.06 E of MC.

From 1200 W run N 73° 16' W

97.05 ft. set spike for E 1/4 Sect

1 and 12-46-28 RTS 03

Then S 0° 07' E 210.85 spike

300-600 - stake on line

793.7 spike 900-1200 stake on line

1330.7 hub 3/4 in peg

1500, 1800 - stake on line

South

2131.80 Spk

2145. old cellar

2400-2700 stake in line

2725.00 S interest line E & W

See line 180.06 East of MR

Should be .30 further west

2725.00 S Th East $\frac{1}{16}$ in

into East 0.30 of a foot

Correcting back

.00011 E

See Page 51

210.853	gause	E	0	✓
300	S	" E	0, 0	✓
600	S	" E	0, 05	✓
793.7	S	" E	0, 10	✓
900	S	" E	0, 10	✓
1200	S	" E	0, 15	✓
1330.7	S	" E	0, 15	✓
1500	S	" E	0, 20	✓
1800	S	" E	0, 20	✓
2100	S	" E	0, 20	✓
2131.8	"	" E	0, 25	✓
2400	"	" E	0, 25	✓
2700	"	" E	0, 30	✓
2725	"	" E	0, 30	✓

At a point on the line
Sec line 4641.78 feet East
of Corner to Secs 1-2-11-12
T 46-28, which is the
line U.S. Chain. I set a
small hub at water's edge
and at East edge of sea
wall for line M.C.

New BTS viz

Bk Ash 14 N 18° W 15.50 ft

W. Ash 7 S 27° 20' W 18.00 "

" " Stp 4 N 85° 20' W 8.0 "

Turned from line line looking
West

At a point 736.62 Feet West
of this M.C. and

180.36 Feet East of the west
M.C. I set a spike for the
line East 1/16 Corner bet
Secs 1 and 12 T 46 R 28

New BTS viz

Naple $12^{\circ}N 45^{\circ}E$ 41.25 Ft.

" $12^{\circ}S 46^{\circ}47'E$ 43.05 "

Turned from line 116 line
looking north

At a point on the ice
6300 feet South of the
line NE corner of T 46
R 28 and on a line
line with the M.C. north,

Beg at NE Cor T 46-R 28.
extended our line South
thru the 1/4 corner also
the M.C. on N side of Cedar
lake thence

South on line line
to a point on the ice
6300 feet South from
which the M.C. on S side
of Cedar lake bears

54 Dec 1-46-28
Clearwood

S $56^{\circ}45'E$ 146.60 feet

Where US Nalis call for

S. Ark 8 S $24^{\circ}W$ 80 LKS =

S Ark 5 S $22^{\circ}E$ 92 " =

We find the old SW
B.T. standing green plainly
marked from which I cut
a $3 \times 3 \times 40$ " ash stake for
the line M.C.

Angle turned from look-
ing $\frac{3}{4}$ mile North at
M.C. across Cedar Lake

New B.T.S. 013

Ark 8 S $23^{\circ}50'W$ 42.70 ft

E/m 16 S $60^{\circ}E$ 72.30 ft

Old B.T.S $24^{\circ}W$ 52.80 ft.

S.E. B.T. gone

March 2 - 1920 cont.

55

at the $\frac{1}{16}$ Cor in center of
East half of Sec 1-46-28
New BTS $\frac{1}{2}$ spike 20 ft
Oak 13" N about 20° E 53.25
" 12 N, about 70° W 69.10 ft

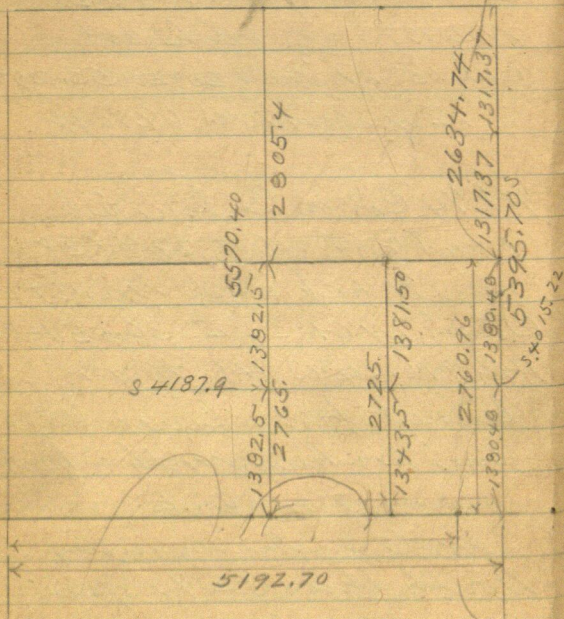
At $\frac{1}{4}$ Cor on C line bet
1 and 6 T 46-N 27-^{2nd} 28
small hub and New BTS
W. Oak 7 N $61^\circ 32'$ E 30.05 FT
Hk 9 N 44° W 46.70 FT

Turned from line range
line looking north which
reads $7^\circ 40'$ W E

Note: In running
South this SE $\frac{1}{4}$ of sec
1-46-28 I only missed
my calculation 0.30 of a
foot West of pt figured by
me for the E $\frac{1}{16}$ Cor
Close shot John W. Curo

Deerwood Tap
 2-1-46-28

March 3-1920



To put in cen of SE 1/4
 Beg @ 1330.70 - 5' and chain
 South 50.80 To 1381.50
 New BT Survey

2x2 x 50" Bricks

NP24 N about 30'E 89.9%

Pop 65 about 80'E 40.4