

24

Jos Dade Prelim
Contour

E $\frac{1}{2}$ SW $\frac{1}{4}$ 16

133-29

JW Coro June 1919

Geo Lively.

25-133-30

Coro-March 1924

In Cass Co

(1)

Index

Joe Dade

Preliminary Contour Survey

E $\frac{1}{2}$ SW $\frac{1}{4}$ Sec 16

T133 R29 = 80 Acres

Time Sheet Pg 23

2 In Cass Co
Contours
Joe Dade Survey

June 18 - 1919 Tuesday
Lv Beamed @ 8.00 am
Ar Hull River 8.50 AM
Pick up Joe Dade
drive to his house then
back Cen of Sec 16
T 133 R 29

Center established
by E B Horst Summer
of 1918 O.K.

Run

West Rough @ Sec 16
@ 150 about top of
hill land all level
South + E

@ 200 W foot of hill
in edge of meadow
2 ft above general

In Cass Co.

3

June 18-1919

level of meadow.

Meadow full of water
@ 250 inches wet
meadow

202 W Hub

Take shot at flag

Went across meadow
just set head about
in line

Turn

S $38^{\circ}55'W$ 274. To W

300-600. + 274. - 874.

From

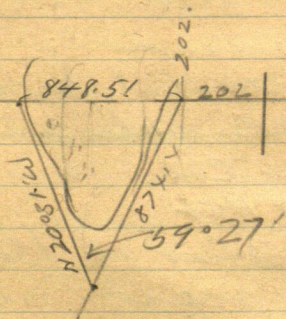
Hub 874. turn

N $20^{\circ}31'W$

over

4

June 18 1919



From 202 run

538' 55" W

300 - Fort of hill 10' L.

600 " of hill

800 fort of hill L. measured 100'

874, 00 that 3' N of N. 150'

wheel track of E & W stage
road.

Top of hill lies 150 East

Joe Wade
Cons Co

5

June 18-1919

From 874.0 run

S 73°W 300. feet to NW cor
of meadow - N edge of stage
road

Thence N flat land
along West edge of meadow

@ 300 Meadow is 50' R

@ 600 " " 50' R

@ Hub. at edge of
grass and brush - edge
of meadow 30' ft SW of
west meadow

Nat. Level along west
side of this meadow
is flat - 4' ? above water
and slopes gradually
up - westward to West
edge of this 80 which is
E 1/2 of SW 1/4 Sec 6.

Jas. H. H. H.

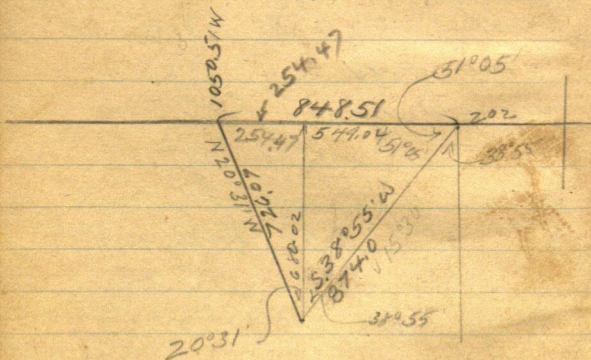
Gull River

June 18-1919

38°55'

Line . 62819. $\times 874 = 549.04$

Comm. $77806 \times 874 = 680.02$



20°31'

Ans. 35048

Com. 93657 into 680.02 = 726.075 times

June 18-1919

To get the lake South of
E and W crooked stage
road which runs bet
Marsh and lake set monument.
Hut 874.0

From which

Lake lies

S 50° W 83

S 67° W 208

S 11° W 560 W 260

S 15° W S 42° 20' W 384

S 11° W 125

S 16° 32' W 535 ft to 8" P 15' S E

of water

From 8" GP chain Westlily
along S end of lake 201 ft
to 4" GP, 10' SW of water

From 4" GP and chain

Northerly 135 ft to 10' W

384 which is 25' West of water

The 4" post is S 38° 35' W of 10' 974

8

Joe Hlade
Contours

June 18-1919

Beg @ SW Cor of the 80"
Rough Chain

North & SW Quarter

Sec 16-133-R29

Sta "0" - 1/16 set by Hord?
being fence post in hole

1

2

3 Stake

4

5

6 Stake

7

8

9 Stake

10

10+64 stump

11 Stake

11+30 stake so edged
like

June 18-1919

@ 1135 inter water

1345 20 water

1450 plate

10 June 18-1919 J. L. Loe

Sta B	B+	H F	B-	Elev
0.				100.
0'				
1				
2	8-60	108.60		100
3			5.20	103.4
4			5.20	103.4
5			9.6	
6			9.6	99.0
TP	11.40	100.05	9.95	98.65
8			17.0	98.6
9			12.10	88.0
10			15.3	84.7
TP	0.90	88.62	12.33	87.72
11			6.1	82.50
+ 40			11.00	77.62

See page 24.

June 18-1919

Remarks

assumed on ground @ Sta 80-
can be 0

assumed

not taken

On top of dump @ Sta 10+64

Top of water in Lake 10+64

12 June 18-1919 Joe Leade
Cousin
Wm. M. Leade Son in Law
of Joe Leade
C.E. Westwood Cal for
Red River Lbr Co

From Stamp at Sta 10+64 run
S 85° 10' E

@ 110 Lake lies 75' L

@ 220 touch SE cor of lake x

@ 429 Hub both lakes 3 mi W

Water level of Lake N=4

Red reader 10.40

at Lake 3, Red reader

10.10

@ 4.6 on ridge between
with Gaunt - Level over Hub
429.

With Gaunt at Hub 429.
NE @ Lake N=4 lies
N 36° W W 218 ft

June 18-1919

For roads 1° E

From Hk 429 Lake 3 lies

S 55° E 60 W

S 30° E 70 "

S 30° E along lake shore 300 W

S 35° E 400 W to end

From ~~the~~ Hk 429

N pt of lake lies E of 240

S 75° E 300 W

and from the E shore runs
about straight

Low Level at N point lies

100 ft N to foot of big hill

a ridge which runs

NW & SE and lies as hi

as Sta 16

which is ft above Lake 4.

Lake 4 is cut in two by

the West Bdry of the 80°

and Lake 5 lies just E of
of 4.

14 June 18-1919^u Joe Glade
10-133-29

Lake No 2 is north of 3
and close to Magi road
Lake No 1. is only a big
meadow full of water

With Gaunt West of Lake 4
Road at water's edge

Crow Wing River overflow
roads 6.50

Road at water's edge of Lake
4, River 6.20

So No 4 is 3 feet higher
than Crow wing

June 18-1919

To get Elev of Lake 2

Crow Wing River 150.00 approx

+ S 10.98

HI 110.98

TP-S 2.51 EI 108.47

+ S 3.3

HI 111.77

- S 3.0 EI = 108.8 on ridge

bet River and Lake 2.

- S 11.27

Elev of Lake 2 is 100.5

1/2 ft above River

16

June 18
1919

Joe Glade

St. BM	+ S	H I	- S	Elev
BM	6.50	106.50		100.00
TP			6.20	100.30
	12.10	112.40		
14			4.9	107.5
TP	11.19	122.58	1.01	111.39
15			4.20	108.20
15			0.00	122.6
15				124
+ 20			3.9	118.7
16			15.0	107.6
TP	0.95	110.98	12.45	110.13
+ 75			10.98	100.00
17			9.10	101.1
18			5.40	105.6
19			2.0	109.0
TP	10.55	120.15	1.38	109.60
20			11.0	109.2
21			6.3	113.9
+ 25			3.8	116.4

June 18-1919

Remarks

Crow Wing River Overflow E1. around

Top of Water in Lake N° 4

Taken near Sta 13 + 45

On ground @ + 35

50' N.

100' R.

on N. of overflow of Crow Wing River



11 June 18-1919 Joe Dodge

Stk	+S	HT	-S	Elev
22		120.15	8.5	111.7
23			6.3	113.9
24			8.2	112.0
25			6.0	114.2
26			2.8	117.4
+40			0.0	120.2

See page 25

To get the Elev of Lake 1
on Marsh

BM El-100.50 being Lake 2.
+S 13.00

HT 113.50

-S 10.3 Top of wall in marsh

on Lake No 1

Elev of mark 103.20

being 3.2 above Hi water

mark of River

-S 2.5 in stage wood El = 111.0

Joe Lado

19

June 18-1919

$\frac{1}{16}$

To get Top of land E of
Lakes Lake 2 is 100.50

+S 13.50 - HI - 113.50

TP - S 0.64 EI - 112.86

+S 12.04 HI 124.90

TP - S 2.12 EI - 122.78

+S 8.42 HI 131.20

-S 4.8 EI = 126.4 HI Top

-S 4.7 EI - 126.5 " "

general Elev of this or flat
on East side of 80° is

26.4 above this HI water

20

Dec 16-133-29

June 18-1919

We quit at 6-P.M. Had
lunch with

Beag again at 7-P.M.
work till 9.0 start home
or Bed 9.45 P.M.

All the above Contours
etc. taken in the
East half of SW $\frac{1}{4}$
Dec 16-133-29

Lade says Stoner's
partner wanted Four
Hundred Dollars for
a contour map of
this '80" and Lade says
no one can furnish
an abstract to sell or
mortgage until he gets

June 18-1919

21

a surveyors certificate
and plat to show that
it is impossible to
flood the "80" with their
present dam which is
now full to its capacity
and has the

"Splash boards" on
Water was never higher
and never can go higher
here.

I am to charge
\$1.80 an hour 3. Cents
a minute & expense for
my time

\$0.60 = Sixty Cents
an hour for my flag
man also not less
than 15¢ a mile for my
Car & we drove 7 miles

22 Jun 18-1919
16-133-29

To Glad's house

1 mile to work and back
for dinner then back
to work in P.M.

Talal Auto miles 7-2-
2-7 = 18 miles @ 15¢
= \$2.70

JWC.

Work AM 4 Hours

.. PM 5 ..

.. PM 2 $\frac{3}{4}$ overtime
= 11 $\frac{3}{4}$ Hours @ \$1.80 = \$21.15

Herald viz

11 $\frac{3}{4}$ hours @ 60¢ = \$7.05

Auto 18 miles

@ 15¢ = \$2.70

Send plat and bill to
Pillager State Bank

Joe Dade

Time Sheet
Levels For Joe Dade

June 1919

May 18	May 19	May 20
Hrs	Hrs	Hrs

John W. Cline @ 81.50°

11 3/4 21.0

Paul @ 15°

270

Harold J. Cline @ 60°

215

24

16-133-29

S/L	Above River	Crossing assumed @ 100'
0		SW Cor of '80"
1		See Page 10
2	22.7	" "
3	26.1	" "
4	26.1	" "
5		" "
6	21.7	" "
7		" "
8	21.1	" "
9	10.7	" "
10	7.4	" "
11	5.2	" "
+ 35	0.3	On Water Lk 4 "
12		" "
13		" "
+ 45	0.3	On Water Lk 4 "
14	7.5	See Pg 16
15	8.2	" " "
"	22.6	50' R.
"	24.0	100' R.
+ 20	18.7	

Joe Dade

25

S/F	Above River	Crow Wing River assumed EL 100.
16	7.6	
+ 75	0.0	Point of Overflow
17	1.1	See Pg 16-18
18	5.6	"
19	9.0	"
20	9.2	"
21	13.9	"
+ 25	16.4	"
22	11.7	"
23	13.9	"
24	12.0	"
25	14.2	"
26	17.4	"
+ 40	20.2	at NW. Cor of "80"

26

133-30 Sec 25

D

Geo Lively Survey

133-30 - Fractional

E $\frac{1}{2}$ SE $\frac{1}{4}$ Sec 25

March 4 - 1924 Tuesday

Alma Reed and I in
my Baby Grand

Lv Brainerd @ 8-25 am.

Not much snow - roads
frozen Hard on tires

Drive to Geo Lively farm
Copy US Valer

Alma Hays with
Mrs Lively

Reed and I take Geo Lively
and his son

and drive in my Car
to N bank of Crow wing
River near Range Line

E side, sec 24. 133-30

Lv my car @

farm house and call (4)

March 4, 1924 Cont'd

27

walk a mile. ^② Go to SE Cn
Sec 25-133-30 where
we find an iron point
driven for Cn
set by Mel Benson?

I do not have time to
check this corner from
old US BTS short stump
and body of 6" pine lies
near (scribed)

Call this

Temp SE Cn 25-4
North on picket line
cut by Lindy.

Note: this line seems
to go East 30 ft
out of line but we used
it anyway. Also T not
used. Chain perfect

3-6-9-12-1320-15-1800+2000

2000 photos 2070 Kitauk

To ride overflow of Gull ~~river~~
Cross Wing river Over

(28)

March 4-1924 continued

Geo Lively Survey

$$2000 + 640 = 2640 \text{ ft.}$$

station in.

Also Liant over 2640 ft
Focus N. on hole in timber.
Turn 90° and run

West on road on Sec 25-

$$150 + 300 = 450 \text{ set stake on}$$

bank from which I ch. E 50
ft and set 2x12" oak hub on

10' hi bank 10' W of edge 402 W

390. W Top of bank 400 W Hub

470 W E N-S road + 300

$$W = 700 \text{ stake} + 300 = 1000 \text{ ch.}$$

246.4

350.00

1053.60 Hub in

246.4

sup

53.60

Archib. H. Lively

ch.

$$700 + - 350 = 1050 + 53.6 = 1103.6$$

1053.6 Hub 2 rods W of creek

1320. Hub -

Tone 1320W ²lin
90° and in 80