

Jan. 1923

18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13
----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	---	---	---	---	---	---	---	----	----	----	----

一
一
一
一
一

Q

111

111-01176-

10

11

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

0

1169 2.1

B Michelsen

-	0	/	/	/	/	-
---	---	---	---	---	---	---

10

1

Ward

110-

1

⑧

Everhart

①

1923

Sec 5-137-27

Eberhart

Survey

Oct 10-1923 about

I am working for W.A. Eberman
Blackstone Hotel Chicago

in survey of Govt Lot 5 - Sec 5
137-27 @ \$15. a day and expenses

Beamed to Jenkins. Dinner with
Wesley P.M.

Lewright Ours and I with my car
pick up Eberhart and drive to
Sec 15-137-27 where I show him the
North body and South Body and tell
him to have same trucked out.
Then Back to Beamed

Oct 22-1923 Monday

I and my Baby Grand call up
Frederick Mc Kinley @ 6-30 a.m. we get
lunch at restaurant 35°-35°-70° probably
me at Jenkins 8-9 a.m.
Lv Frederick Lake Lewright and
Lv Jenkins @ 8-20 - Pick up Jack
Lawrence and we go to

Sec 5-137-27

Reg @ SW cor 5. chain along
new line of trees probably just set by
Knutson EON

Oct 22 - 1923
continued

② Book 158. B 9

East random to near 5

300 stak 829.73 Hub 600 stak 799.6 Hub

$600 + 200 = 800$ stak (300 ft chain)

800 stak is about 100' N of EFW road

1053 crooked road NE-SW 1100 stak

1101.3 Hub 1397.30 E Hub 1400 stak

① @ 1397.3 E a boat oar set in stak
set 9.30 ft south and 0.20 of foot E
we all eat lunch boat by Lewright
P.M.

Adjust transit - OK. 1/2 inch out
in 1000 ft. OK. Re-run over
Knudsen's new line of Hubs and find
same OK - Perfect. continue

East 1400 + 105 = 1505 Hub
on sea shore water edge

Line cuts center of 20 half of 2" Hub
over lake (double center)

Turn over Hub 1505 back right on
Hub over lake and run

20° 41' Left N 69° 21' E ? 0.02 ft ?

again 20° 41' - 41° 21' - 62° 02'

3.60°

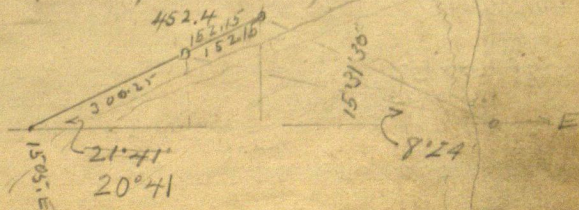
122°

20

41

OK 20° 21' run 300.25

$300 + 152.4 = 452.4$



106

0-623
1923

9497 465
465
47 485

③

31316
81816
465

156580

187896
123264

1456194

18'15" - 46.5
300.0
253.5
46.5

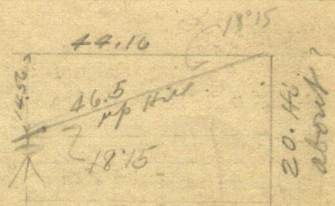
300.00
252.5
47.5 p.B

300.0
81.4
218.6

6'40" Left

352.0
145.4

154.6 T. IM



18'15"

Sine 31316 x 46.5 = 14.56
Cos 94970 x 46.5 = 44.16

14.56
5.44
20.00

9497
465
47 485
56982
37988
44161.05

15°31'

Tang 27764
Cot 3.60181

15°32'

Tang 27795
Cot 3.59775

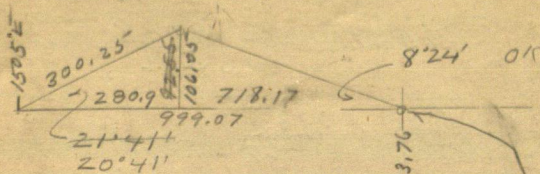
15°31'30"

Sine 2777.95 x 381.76 = 106.05
Cos 3.59778 x 106.05 = 381.76

159.77 N.G.
Nix

Oct 23-1923 cont 4

11



$$21^{\circ}41' \sin 36948$$

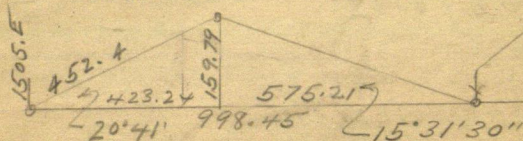
$$21^{\circ}41' \cos 92924$$

$$35320 \times 300.25 = 92.55$$

$$20^{\circ}41' 93555 \times 300.25 = 280.90$$

$$20^{\circ}41' \sin 35320 \times 452.4 = 159.79$$

$$20^{\circ}41' \cos 93555 \times 452.4 = 423.24$$



$$\sin 14608$$

$$\cos 98927$$

$$\tan 14767$$

$$\cot 6.77199$$

8'24"

$$\begin{array}{r} 1505.00 \\ 998.76 \\ \hline 2503.76 \end{array}$$

$$\begin{array}{r} 575.21 \\ 423.24 \\ \hline 998.45 \end{array}$$

$$\begin{array}{r} 300.25 \\ 3532 \\ \hline 60050 \\ 90075 \\ \hline 150125 \\ 90075 \\ \hline 60050 \end{array}$$

$$106048300$$

$$\begin{array}{r} 300.25 \\ 93555 \\ \hline 150125 \\ 150125 \\ \hline 150125 \\ 90075 \\ \hline 270225 \\ 2808988875 \end{array}$$

1L

Oct 23 1925 ⑤

3.60181	4524
3.59775	3582
217.19956	9048
3.59978	13572

27764	22620
27795	13572
2155590	159.78768
277795	

NG

381760	106.050
277795	359978
1908800	848400
3435840	742350
2672320	954450
2672320	954450
2672320	530250
763520	318150
106.0510192	381.756669.00

14767	106.050
71817	677199
103369	954450
14767	954450
118.136	106.050
147.67	742350
103369	742350
	636300
	718.1695395

106.0.521639 (OK)

Figuring ⑥ Oct 23-1923

13

Eberhart

Using 8.24'

$$\text{Tang } 14767 \times 718.17 = 106.05 \text{ OK}$$

$$\text{cat } 6.77199 \times 106.05 = 718.17 \text{ OK}$$

Using

15°31'30"

$$\text{sin } 277.795 \times 575.21 = 159.79$$

$$\text{cos } 3.59978 \times 159.79 = 575.21$$

$$\begin{array}{r} 575.210 \\ 277.795 \\ \hline 287.6050 \\ 517.6890 \\ 402.6470 \\ 402.6470 \\ 402.6470 \\ 1150420 \\ \hline 159.790461950 \end{array}$$

$$\begin{array}{r} 3.59978 \\ 15979 \\ \hline 3239802 \\ 2519846 \\ \hline 3239802 \\ 1799890 \\ \hline 359978 \\ 575.2088462 \end{array}$$

$$\begin{array}{r} 2766.52 \\ 153.51 \\ \hline 22612.77 \\ 1306.49 \end{array}$$

Try 15°31'

Tang 27764

$$\text{cat } 3.60181 \times 159.79 = 575.53$$

$$\begin{array}{r} 575.53+ \\ 423.24 \\ \hline 998.77 \text{ OK} \end{array}$$

$$\begin{array}{r} 999.07 \\ 998.77 \\ \hline .30 \end{array}$$

$$\begin{array}{r} 999.07 \\ 998.45 \\ \hline \end{array}$$

$$211997.52$$

$$998.76 \text{ OK Mean distance}$$

over Lake 998.76

Hemiteles

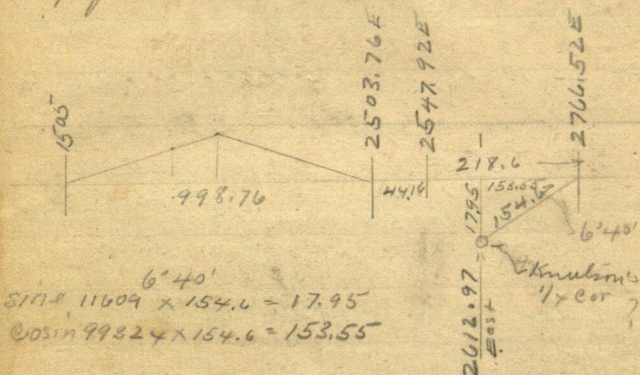
$$\begin{array}{r} 3.60181 \\ 15979 \\ \hline 3241629 \\ 2521267 \\ \hline 3241629 \\ 1800905 \\ \hline 360181 \\ 575.5332199 \end{array}$$

14

⑦

Oct 23-1923 Tuesday

Figure till 9-30 am

I and my car take Dwight - also pick
up Jack Lawrence and continue East

$$\sin 6^{\circ}40' \times 11609 \times 154.6 = 17.95$$

$$\cos 6^{\circ}40' \times 9982.4 \times 154.6 = 153.55$$

Note: Knutson's $\frac{1}{2}$ INT is

$$2612.97 \text{ East}$$

$$1306.48 = \frac{1}{2} - \text{Note: Bookover is}$$

$$1397.30 \text{ E}$$

$$1306.48$$

$$\frac{1306.48}{90.82} \text{ Too far East to be } \frac{1}{16} ? \text{ Cur}$$

① See P 19.

Beg @ Hat 2766.52 chain E

$$100 + 300 = 400 \text{ T. } 3166.52 \text{ E. Note}$$

$$+ 33.48 = 3200 \text{ stake } + 72.7 =$$

$$3272.70 \text{ Hat } 3350 \text{ stake}$$

$$3303.90 \text{ Hat } 3327 \text{ E grade}$$

as road

$$3332.80 \text{ Hat } 3333 \text{ fin on line}$$

$$3333.00 + 73.70 = 3406.70 \text{ Hat}$$

Went edge of bog

John H. Cur

Oct 23 - 8

15

Eberhart

3406.70 +

268.5

3675.20 Hubover pond

3406.7 + 300 = 3706.70 stake

- 0.30 for slope = 3706.40 stake

33.7 + 3706.4 = 3740.10 Hub

+ 376.4 = 4116.50 Hub

Quint pencil Home late

4116.50

87.

4203.50

45225.70.

1306.35

2

2612.70

3919.05

5225.40

4416.50

30.90

4447.40

52.60

4500.00

16

137-27

(9)

US Notes - Sec 5

Town Line

West on true line \checkmark at 859'

7600 Tam SWP SE-NW

8000 COR 4-5-32-33-137-138-27

Tam 5 N 48 E 119 =

WB 6 N 84 $\frac{1}{2}$ W 161 =

Tam 4 S 60 E 105 =

arp 8 S 19 W 126 =

West on true line Bet 5-32 \checkmark 8° 59' E8.00 L₁ SWP NW-SE

21.97 Set MC Post E. mid. Lake

YP 6 N 87 E 69 =

" 24 S 72 E 103 =

28.49 over Lake Set MC

YP 14 N 38 W 40 =

" 24 S 9 E 92 =

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

YP 14 N 50 W 121 = 79.86 - 80.40

WP 24 S 9 E 92 = 60.72

8000 COR T. 5-6-31-32

WB 4 N 43 E 24

Aspen 12 S 58 E 9

" 12 S 38 W 37

" 12 N 82 W 12

$$\begin{array}{r} 121 \\ 726 \\ \hline 726 \\ 7986 \end{array}$$

$$\begin{array}{r} 92 \\ 552 \\ \hline 552 \\ 60.72 \end{array}$$

Oct 23 -

(10) Eberhart

17

P960-Rh159

P960 Bond A Michener

NYCk
2621.85

P960 Bond A

Bond A
P955

← 5252.39 V19 True Line NYCk
2638.07 NYCk
1964 LKs US

1296.240
1295.29 NYCk
0.95 short

see P968
Bond A

1319.03
P993 Bond A

1023.3 Spike

1319.03
1415
P993 Bond A

7927 05

USN Aleis P910.
New " " 128
Michener Bond A

P911-ANA
USN Ale

P911-ANA
USN Ale
Michener

2002

18 L 15-2-5-137-27 ①

Oct 24-1923 Wld

Eberhart Lumber
L1 @ 9-0m. Dwright and S.
my cor - Pick up Jack Louisiana
Dwright and S. ch Reg @ 158 4116.50

E at + 87.0 = 4203.50 Hub. ab

by Knudsen +116.50 + 300.

+416.50 slabs + 30.90 = 4447.40

N. edge Knudsen's hub E. edge
flood NE-SW

(Note: @ about 4100 E cur
sawing road SE-NW)

@ 4447.40 + 52.60 = 4500

slabs + 800 slabs + 155.19 =

4953.90 E oak plug 8' 15"

oak stump 5100 slab +

121.70 = 5221.70 Hub 0.20

N of Knudsen's Hub.

1/2 x 2' Alced shoe. I m been

5.5' + 5' E 35.60 V Road 6.50' E

New Old BTS

10' NP N 36° W 51.80 spot on bone

12 NP. S 39° W 49.25 spot on side

4 ft up the lean. E est.

~~20' S BTS Road 7~~

11 60° 40 E

11' NP N 57° 45 E 131.70 flat spot

on bone

S W Co part of fence N 88° 20' E 29.

V 6' 25' Turned from line line W est

- Road N - SE R S

Oct 24-1923 Continued

(12)

19

V6'50' F Random

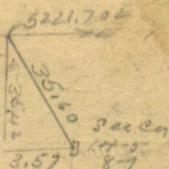
0°23'30"

5°45'0"

5°45'

Sin 10019 x 35.6 = 3.57

cos 99497 x 35.6 = 35.42



5221.70

3.60

5225.30

5225.30

SW?

5225.30 East SEC or Sec 4

137-27 bears South 90° E Random

35.42 Feet

$1.006778 = 0°23\frac{1}{2}'$

5225.30 35.4200

313518

406820

365771

410490

365771

447190

718024

Eat lunch PM.

Corrections

329.93 E. goes S.

799.60 " " S

1101.30 " " "

1397.30 " " "

1505 " " "

1306.35 E. goes S 8.85 = W 1/16

2612.70 " " S 17.71 = 1/4

3919.05 " 3918.97 S 26.56 = E 1/16

5225.30 " S 35.42 sec 9

2503.76 E goes S

2547.92 " " S

2766.52 " " S

3272.70 " " S

3303.90 " " S — 22.39'

OVER

20

(13)

.067785

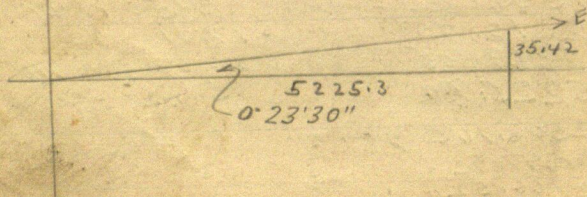
Hub

3332.80	E	gauss	
3333.	E	" S	22.59
3406.7	"	" S	
3675.2	"	" S	
3740.1	"	" S	
4116.5	"	" S	27.90 ✓
4203.6	"	" S	
4447.4	"	" S	30.12
4955.9	"	" S	33.59 ✓
	"	" S	
5221.7	"	" S	
5225.3	"	" S	35.42 OK.

r Random N 89° 15' E

→ E

(5)



35.42

(14) Eberhart
Nick Everhart

21

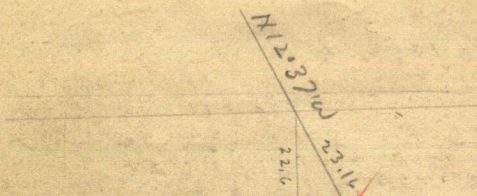
22

(15)

S E
N 12° 37' W

Sine 21843

Cos 97585 into 22.6 = 23.16



True line

21843

232

43686

65529

43686

5067576

3333.

5.07

3338.07

Beg @ apt 3338.07 on true line
= 70W on rec 5. assuming 10
body on line East we are

N 12° 37' W 300-600-900. mls
on grade + 76.6 = 976.60 +

23.16

1099.76 1st

.24

1100.00

N 26° 54' W 1400 mls + 35.60 =
1435.60 4th

N 38° 00' 30" W 782.2 to 2217.80

(16) E6-erhart 23

1099.76 = 1099.76
335.84 = 1435.60

Oct 25-1923 about?

1435.60
782.25
2217.85

Reg @ pt 3338.07 E Run

IX 12°37'W 1099.76

IX 26°54'W 335.84 To 1435.60

1435.60 N 38°0'30"W 782.2 To 2217.85

2217.80 W 17°30'W 254.5 To 2472.30

2472.30 N 8°32'E 901.10 To 3273.4

3273.4 N 0°21'20"W 401. To 3674.4

3674.4 N 10°03'W 1554.1 To 5228.5

5228.5 N 29°20'W 493.7 To 5722.2

To 12x2x16" Hub 2 1/2" E of E wheel block
in grade and about 20 ft N of N line

Tree 5-137-27

Then go to 1/2" Cor on N side of tree 5
and check up old B.T.

old NW B.T. 80.40 distant 254°40'W

Then over my old Hub 7654.50 E

1/2" bear S 77°57'E 64.75 ft

$$\begin{array}{r} 3674.4 \\ 1554.1 \\ \hline 5228.5 \end{array}$$

$$\begin{array}{r} 2472.3 \\ 801.1 \\ \hline 3273.4 \\ 401.0 \\ \hline 3674.4 \end{array}$$

$H 89^{\circ} 12' E$

$H 89^{\circ} 15' E \quad 16.9$

$$\begin{array}{r} 493.70 \\ 16.90 \\ \hline 476.80 \end{array}$$

38°

Sin 61566
 Cos 78801

$38^{\circ} 01'$

Sin 61589
 Cos 78783

Change 63.3

202.3

300

502.3

$$\begin{array}{r} 2217.8 \quad (17) \\ 254.5 \\ \hline 2472.3 \end{array}$$

$$\begin{array}{r} 2217.8 \\ 254.5 \\ \hline 2472.3 \end{array}$$

$$\begin{array}{r} 61566 \\ 61589 \\ \hline 2123155 \\ 61577 \end{array}$$

$$\begin{array}{r} 00640 \\ 00611 \\ \hline 29 \end{array}$$

$$\begin{array}{r} 78801 \\ 78783 \\ \hline 157584 \\ 78772 \end{array}$$

$$\begin{array}{r} 240.27 \\ 21.84 \\ \hline 218.43 \end{array}$$

$$\begin{array}{r} 1073.20 \\ 97.59 \\ \hline 975.61 \end{array}$$

(18)

(25)

N $\frac{1}{4}$ is 2528.35 E
of SW cor

2021.05
502.30
2523.35

3338.07

S $\frac{1}{4}$ is 2612.70 E
SW cor

2612.70
2523.35
89.35

N $\frac{1}{4}$ is 89.35 W 95 $\frac{1}{4}$

5260/89.3500 $\cdot 1699 = 0^{\circ}58'30''$ W n L

5260
36760
31560
51900
47340
43600

Noti N & S $\frac{1}{2}$ sec 5
137-27 should run
S $0^{\circ}58'30''$ E of
N $0^{\circ}58'30''$ W

54
15
2 0

46
15

1319.3
1319.4
1319.3

1319.03
3

3957.10

1295.29

5252.39

(26)

(19)

100. chart all from figure
 21.84 East
 97.59 South

12°37' NW
 Sin 21.843 x 1099.76 = 240.27 W ①
 Cos 97.585 x 1099.76 = 1073.20 N
 975.61

26°54' NW
 Sin 45243 x 335.84 = 152.02 W OK ②
 Cos 89180 x 335.84 = 299.50 N.
 OK

38°0'30" NW
 Sin 61577 x 782.2 = 481.66 W OK ③
 Cos 78792 x 782.2 = 616.31 N
 OK

17°30' NW
 Sin 30071 x 254.5 = 76.53 W OK ④
 Cos 95372 x 254.5 = 242.72 N
 OK

8°32' NE
 Sin 14838 x 801.10 = 118.87 E ⑤
 Cos 98893 x 801.10 = 792.23 N

0°21'20" NW
 Sin 00621 x 401 = 2.49 W ⑥
 Cos 99998 x 401 = 401. N.

10°03' NW
 Sin 17451 x 1554.10 = 271.21 W ⑦
 Cos 98466 x 1554.10 = 1530.26 N

29°20' NW
 Sin 48989 x 476.8 = 233.55 W ⑧
 Cos 87178 x 476.8 = 415.66 N

N 89°15' E 502.3

13.6
1.8
12.8

29 Eberhart 27

Boak
158

W

0°45'

⑦ 4857.63 N

⑥ 3327.37 N

⑤ 2926.37 N

④ 2134.14 N

③ 1891.42 N

② 1275.11 N

① 975.61 N

2612.68 E

13.6

Random

502.3

⑧

① 16.3

② 17.0

③ 17.0

④ 17.0

⑤ 17.0

⑥ 17.0

⑦ 17.0

⑧ 17.0

⑨ 17.0

⑩ 17.0

⑪ 17.0

⑫ 17.0

N10°03'W

1554.10

N02°1'W

401

N08°32'E

804.10

N17°30'W

154.5

N39°03'N

182.2

N46°54'N

104.16

N53°58'N

99.80

N62°44'N

104.16

N72°37'N

104.16

N82°44'N

104.16

N92°37'N

104.16

N102°44'N

104.16

N112°37'N

104.16

N122°44'N

104.16

N132°37'N

104.16

Richman

28
815 0

3338.07 E
00.00 N

21

①

All 21.84 further east than
first shown in exp No 00.
and are 97.59 further south
than first shown

0

3097.80
21.84 E
3119.64

3338.07 E OK
00.00 N OK

①

2945.78
+ 21.84 E
2967.62

3119.64
3097.80 E
1073.20 N
975.61

②

1372.70
97.59
1275.11

2967.62 OK
2945.78 E
1372.70 N
1275.11 OK N

③

2464.12
add 21.84
2485.96
1989.01
must 97.59

2485.96 OK
2464.12 E
1989.01 N
1891.42 OK N

4

1991.42
2387.59
2231.73 add 21.84
97.59 2409.48
2134.14

2409.43 OK
2387.59 E
2231.73 N
2134.14 OK N

⑤

3023.96 2506.46
97.59 21.84
2926.37 2528.30

2528.30 OK
2506.46 E
3023.96 N
2926.37 OK N

⑥

3424.96 2503.97
97.59 21.84
3327.37 2525.81

2525.81 OK
2503.97 E
3424.96 N
3327.37 OK N

7

2232.76
21.84
4955.22 2254.60
97.59 1999.21
4857.63 21.84
2021.05

2254.60 OK
2232.76 E
4955.22 N
4857.63 OK N

⑧

5370.88
97.59
5273.29

2021.05 OK
1999.21 E
5370.88 N
5273.29 OK N

Nov

Dwight and Beed to chain old
grade, O.K. all except Sta 0.T. 1.
which is 999.80 instead of 1099.76
= 100 ft short mistake.

Reg @ Sta 8' on random line Hub on
old grade chain = 502.30 ft
to plat. 0.0. set on random 13.6 ft 1/2
on Reg @ 0.0. run

= set over my old transit line
using Stadia which is short
100 Stadia = .

@ 5.70 Hub. + 7.70 = 1340. feet =

$\frac{7.70}{13.40}$

To Hubover lake on front

Notes in Book A

Old grade P952

1/4 mile to 5 P953

NE Cor 5 P955

7771.50

2640

10411.50 = Twp Cor

10411.50

7718.06

2693.44

2640

63.44 OK

7718.06
1377 1/2

30

23

$$\begin{array}{r} 2119.55 \\ 2021.05 \\ \hline 98.50 \end{array}$$

$$\begin{array}{r} 5273.29 \\ 27.72 \\ \hline 5245.57 \end{array}$$

$$\begin{array}{r} 2621.81 \\ 302.30 \\ \hline 2319.51 \\ 5251.60 \end{array}$$

27.75 1/4 2621.81 189.15 E
 4 ————— 2119.55 502.3 20.45'

0.45' Tang 01309x

$$\begin{array}{r} 212 \\ 2618 \\ 1309 \\ \hline 2618 \\ 27.7508 \end{array}$$

$$\begin{array}{r} 1295.29 \\ 1319.03 \\ \hline 2614.32 \\ 3932.35 \\ 1319.04 \\ \hline 5251.39 \end{array}$$

$$\begin{array}{r} 2638.07 \\ 2614.32 \\ \hline 5252.39 \end{array}$$

$$\begin{array}{r} 2640 \\ 5.02 \\ \hline 3142 \end{array}$$

$$\begin{array}{r} 1309 \\ 3142 \end{array}$$

$$\begin{array}{r} 5278.3 \\ 41.1 \\ \hline 5319.4 \\ 24 \\ \hline 5295.4 \end{array}$$

$$\begin{array}{r} 2618 \\ 5236 \\ 1309 \\ \hline 3927 \\ 41.12878 \end{array}$$

$$\begin{array}{r} 2640 \\ 3140 \end{array}$$

$$\begin{array}{r} 3661 \\ 1000 \\ \hline 3339 \\ 8000 \end{array}$$

$$\begin{array}{r} 1319.03 \\ 2638.06 \\ \hline 2638.06 \end{array}$$

$$\begin{array}{r} 2650 \\ 2638 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 5262.12 \\ 5262.12 \\ \hline 10524 \\ 14760 \\ \hline 10524 \end{array}$$

$$\begin{array}{r} 2622 \\ 2640 \\ \hline 5262 \end{array}$$

$$\begin{array}{r} 2640 \\ 2641 \\ \hline 5281 \end{array}$$

$$\begin{array}{r} 292637 \\ 2640.00 \\ \hline 286037 \end{array}$$

$$\begin{array}{r} 526.09 \\ 1309 \\ \hline 7811 \\ 2618 \\ \hline 6634 \end{array}$$

$$\begin{array}{r} 5.52 \\ 42 \end{array}$$

3760.00.

10°03'

(24)

(31)

3327.37

8m

Coin 98466

632.63

642.48

98466. 632.630.00

59 0796

418340.

393864

244260.

196932

478280

393864

844160.

787728

56432

Bay @ 2th mhd

3674.4 which is sta 6'

3327.37 N in chain

N 10°03' W 642.49 ft which

185 632.63 N added to

3327.37

3960.00 north of rock

chuck

64250

98466

383500

2650

2650

Firm sta (5) which is 2926.37 N
in run 5

286.375

2640.00 N

10

8°32'

Sin 14838 X 289.57 = 43.0 FT W

Coin 98893. 286.370 289.57

197786

98893

64250

885840.

22

28957

98466

791144

385500

746960.

8

692251

6

2

2

8

7

383500

890037

494465

514000

569230.

890037-

578250

494465

791144

63264405

7476

197786

2863644601

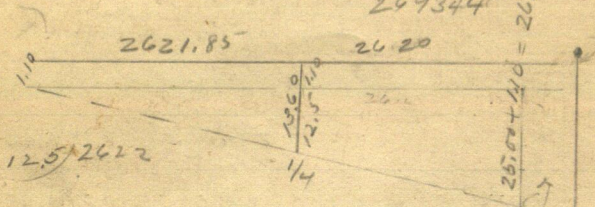
OK.

32 Page 55 all hand

(25)

WP 9 S 30° E 57.97 T. Hrt 0.6 N of Random
 " 10 N 20 E 28.87 and 2640 + 53.44

53.44 = 26.20 + 27.24



5
 137.27

53.44

12.5 / 2622 (2098)
 250
 1220
 1125

2098
 264
 8892
 12588
 4196
 553872

2620
 2622
 5242

950
 105
 2622
 122
 7866

4764

2622 / 12.5000
 10488

20120
 18354
 17660
 16732
 19280

4764
 264
 19056
 28584
 9628
 1257646

2622
 2640
 5262
 4764

21048 25068368
 31572
 36834
 21048

Eberhart 2622
 2640
 5262
 4764
 21048
 31572
 36834
 21048
 25068 168

(26)

2622
 4764
 10488
 15732
 18354
 10488
 12491 208 ch

(33)

At old BTS. set stake 57.97 rd
 28.87 SW.
 Then west 53.44 to pt 2640 E of
 1/4 on N side sec 5-137-27 Then
 Make it in in Random line with least
 Then so @ 90° = 25.07
 + 1.10
 26.17 as mt

line NE corner 5-137-27
 Gladis road from 1/4 on E

5.70 + 7.70 = 1340 + 7.10 =

710
 2050 +
 660

7776.50

2640

10471.50

2710

553.44

2057

To find in NE corner

we ch W 73.44

S 26.10

4x4x8 ft

34

27

(.04771)

524) 2500.

2096

4040

3668

3720

3668

520

2621.85

50230

2119.55

Correcion $\sin 5$
 $= .04771 + 1.10$ at each
 correcion = $0.17'$ south

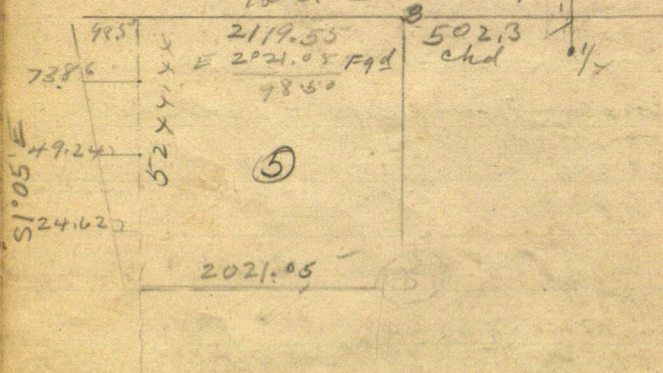
 $0.45' =$

sin 1309

cos 99991

Tang 1309

Total 2621.85 my old chain



4 9850 (24.62) 28 (35)

8		112.85
18	49.24	62.71
16		50.10
25	73.86	
25	198.48	
11		

North 1/16 line sec 5-137-27
 chained by Le Wright
 Beg @ E RR. chain East random
 62.75 Hub on bank Then d chain
 west across top of cut 112.85 to
 hub on W bank of cut 50.10 ft W
 of E grade. Then going East

62.75 + 86.4 = 249.15 ?
 186.40 + 159.50
 149.15 + 498.20
 all balled up 408.65 -
 510.70

Chaining West from RR grade -
 50.10 + 130.6
 130.60
 180.70 to hub set about 5 ft E of water

Beg @ Sta 6. chain N 10° 03' W 642.49
 10° 03'
 Sine 17451 x 642.49 = 112.12 W
 Cos 98466 x 642.49 = 632.63 N

30 North $\frac{1}{16}$ Line Sec 5
crossed old RR grade 112.12
ft West of Sta (6) and
632.63 ft North of Sta (6)

$$\begin{array}{r} \text{Sta 6} = 3327.37 \text{ N} + \\ + 632.63 \text{ N} \\ \hline \text{Total} = 3960.00 \text{ North} \end{array}$$

$$\begin{array}{r} \text{Sta 6} = 2525.81 \text{ E} \quad \text{Sta } 6\frac{1}{2} \\ \text{minus} 112.12 \text{ W} \\ \hline 2413.69 \text{ E} \\ + \text{angle W line} 73.86 \\ \hline 2487.55 \text{ E} = 3960 \text{ N} \end{array}$$

XXXXX

Center Line Sec 5
crossed old RR grade 43. ft west
of Sta 5. and 286.37 ft South
of Sta 5

$$\begin{array}{r} \text{Sta 5} = 2926.37 \text{ N} \\ - 286.37 \\ \hline 2640.00 \text{ North} \end{array}$$

$$\begin{array}{r} \text{Sta 5} = 2528.30 \text{ E} \\ \text{minus} 43.00 \text{ W} \\ \hline + \text{angle} 2485.30 \text{ E} \\ \text{W line} 49.24 \\ \hline 2534.54 \text{ E} = 2640 \text{ N} \end{array}$$

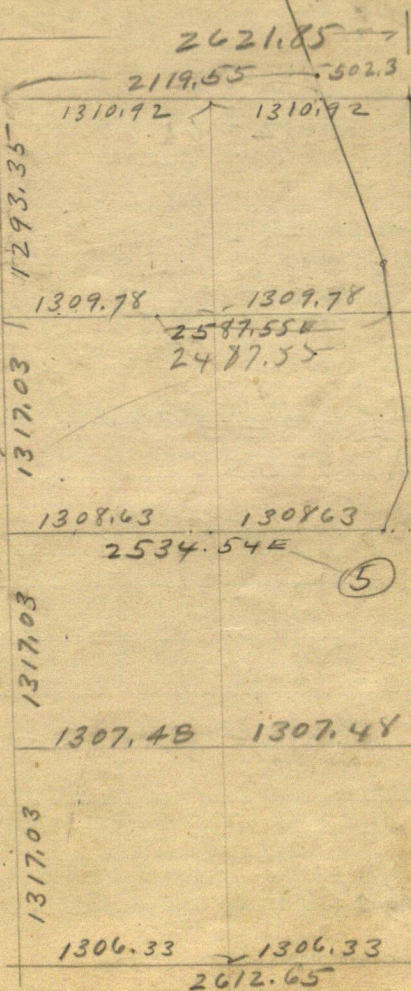
2625
1215
8920

38

Eberhart 37

137-27

5244.44 Figured



E 246 5288.06 Figured

2612.65
my chain

28

0° 45' 31

$$\text{Sine } = 1309 \times 2119.55 = 27,75$$

$$\begin{array}{r} 5273.29 \\ 28.85 \\ \hline \end{array}$$

$$\begin{array}{r} 5244.44 \text{ Length W side} \\ \times \quad \times \times \times \end{array}$$

$$\text{Sine } 1309 \times 5242 = 68.62$$

$$\begin{array}{r} - 2500 \\ \hline 43.62 \end{array}$$

= 43.62 longer than west side

$$\begin{array}{r} 5244.44 \\ + \quad 43.62 \\ \hline \end{array}$$

$$5288.06 \text{ length E side}$$

$$\text{See } 5-137.27$$

$$5273.29 + 40.87 = 5314.16$$

$$\text{minus } 26.10 = 5288.06 \text{ OK}$$

E side see 5 Figure

32

Correction

39

$$S \frac{1}{16} = .000956 \text{ N for each foot E} \\ = 0^\circ 3 \frac{1}{2}'$$

$$Q = .001905 \text{ N for each foot E} \\ = 0^\circ 06 \frac{1}{2}'$$

$$N \frac{1}{16} = .002854 \text{ N for each foot E} \\ = 0^\circ 10'$$

This
Should
be 1395.35

Handwritten
as long

5242 about

1317.03	1317.03	1317.03	1293.35	
<p>Note: See Later Survey Chained 1319.0</p>				Curv
				<p>Hall's hand set stakes 20 ft from E to W corner</p>
				5238 about
				$\nearrow .002854 \text{ N}$ $= 14.96'$
1317.03	1317.03	1317.03	1322.01	
<p>Note: See Later Survey Chained 1319.0</p>				<p>⑤ 5234 about</p>
				$\nearrow .001905 \text{ N} =$ $0^\circ 07'$ $7.97'$
1317.03	1317.03	1317.03	1322.02	
<p>Note: See Later Survey Chained 1319.0</p>				5230 about
				$\nearrow .000956 = 0^\circ 3 \frac{1}{2}' \text{ N}$ $4.99'$
1317.03	1317.03	1317.03	1322.01	
<p>Note: See Later Survey Chained 1319.0</p>				5238 about
				$\nearrow .002854 \text{ N}$ $= 14.96'$
1317.03	1317.03	1317.03	1293.35	
<p>Note: See Later Survey Chained 1319.0</p>				Curv
				<p>Hall's hand set stakes 20 ft from E to W corner</p>
				5238 about
				$\nearrow .002854 \text{ N}$ $= 14.96'$

5225.3 my ch
assumed

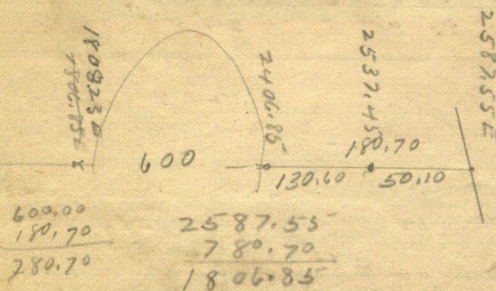
Figured 5292.60 Chained by Hand

40

(33)

V'161 Conedring .002854N

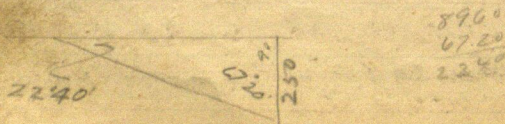
Hub 1806.85 — E 200 S 8.91 To
 3951.09N Then H 5.16 or
 South 3.75 and west 497.07
 To true $\frac{1}{16}$ NW Cir L 65



2587.55	1807	1807
180.70	1807	2854
2406.85	2854	7228
130.60	7228	9035
2537.45	9035	14456
14456	3614	578
3614		
5.1 57178		

1806.85	8.91	8.91
1309.78	516	689
497.07	3.75	2.02

2406.85E 200 S 8.91 Then Nat H 6.89
 or S 2.02 To line line
 2537.45E 200 S 8.91 Then Nat H 7.24 or
 So 1.67 To line line
 Hub in grade 2587.55E 200 S 8.91 Then N
 7.39 or 1.52 South To line line



we check stadia

39

Eberhart

41

300.15 measured reads 303.0

should read 300

so that 100 is only 99. ft 200 is 198.

300 is 297 about

Take stadia across Lake

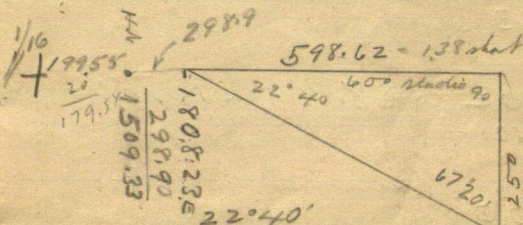
Sta 1806.85 to Sta 2406.85 stadia

reads 6.00 call this 650 ft

then to check @ Sta 2406.85

run to 250 ft lake v angle to Sta

1806.85



cal 2.39449

25 2

11 97245 1

47 8898

5986225

1806.85 E

1.38

1508.23

1509.33

1309.78

199.55

1808.23

3

1508.23

11.10

Hub 56.70 E of Sta

we chain 298.9 W to Sta 1509.33 E then

199.55 W to Sta 1309.78 E and find 100 ft

mistake then chain back E 100 ft to

pt then 20 ft E ex Sta for 200 ft measure

and set last stake

(42)

524) 98.50 (1879 = 1.05 L (35)

$$\begin{array}{r}
 524 \\
 4610 \\
 4192 \\
 4180 \\
 3668 \\
 5120
 \end{array}$$

Correcting N 1/16 Continued

2550.3 E goes S 8.91 Then N 7.28
 or S 1.63

2736.70 E goes S 8.91 Then N 7.81
 or S 1.10

$$\begin{array}{r}
 2487.55 \\
 40820 \\
 \hline
 \end{array}$$

2895.75 goes S 8.91 Then N 8.26
 1
 2795.75

8.26
 1.28
 9.3

South 7.98
 2.82

$$\begin{array}{r}
 2478.55 \\
 510170 \\
 \hline
 25
 \end{array}$$

$$\begin{array}{r}
 2487.55 \\
 510170 \\
 \hline
 2998.25 \\
 100 \\
 \hline
 2898.25
 \end{array}$$

Feb

goes S 8.91 and N

18.28

.63 S at 4/16

137.27 (36)

(5)

Eberhart 43

5242 about

3930 about

1310.92

2621.85

180°

1

152

6

5

5

4

3

2

1

0

91°05'

1306.33

2612.66

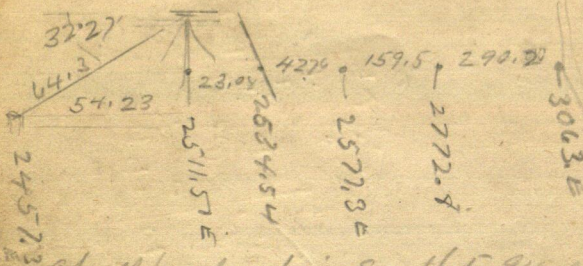
180°

44

Correcting E W & S

$$\begin{array}{r} 2511.57 \\ 54.23 \\ \hline 2457.34 \end{array}$$

(37)



at all points chain South 5.94 then
North 0.905 N for each foot

2457.30 E gain S 5.94 Then North 4.69
ft to line 4.69
or South — 1.25 To line

2511.5 E gain S 5.94 Then N 4.78 or S 1.16

2577.3 E gain S 5.94 Then N 4.91 or S 1.03
South — 4.91
1.03 To line

3063.5 gain S 5.94 Then N 5.84 or South 0.10
of foot

1531.5 E gain S 5.94 Then N 2.81 or S 3.13
292 3.02

1414.80 E - S 5.94 - N 2.69 or S 3.25

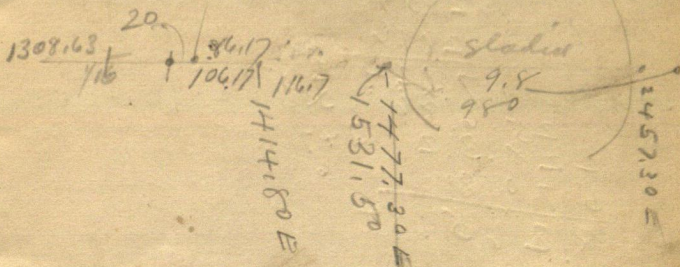
1318.63 - S 5.94 - N 2.49 - S 3.45

E.W.E

(38)

1308.63
168.67
1477.30

(45)



1903
2773
5715
13 3'35"
133 35"
3810
528.25'65"

23103
3723
77.26

2772.8 E goes S 5.94 Then N
528
on .665

3063.00
2534.54
528.46

3063
2533
530

(46)

408

(39)

159.4

249.1

408.5

2854

2896

17124.25

256.86

228.32

570.8

8265184

From Dwight's note in the file
 in water 14 1/16 in whel

627.5 in whel d.

$$\begin{array}{r} 245 \\ 603.0 \end{array} \quad \begin{array}{r} 10603 \\ 2487 \end{array} \quad \begin{array}{r} E \\ + \end{array}$$

$$\begin{array}{r} 2487 \\ 603 \\ \hline 3090.0 \end{array} \quad \begin{array}{r} 0 \\ 1 \end{array}$$

N 1/16

(40)

$$\begin{array}{r} 2487.55 \\ 62.75 \\ \hline 2550.30 \\ 891 \\ 728 \\ \hline 1.63 \end{array}$$

(47)

$$\begin{array}{r} 002854 \\ 255 \\ \hline 14270 \\ 14270 \\ \hline 5708 \\ \hline 72777 \end{array}$$

$$\begin{array}{r} 2487.55 \\ 249.15 \\ \hline 2736.70 \end{array}$$

$$\begin{array}{r} 2857 \\ 2737 \\ \hline 19978 \\ 8562 \\ \hline 19978 \\ 5708 \\ \hline \end{array}$$

$$\begin{array}{r} 2857 \\ 29 \\ \hline 25686 \\ 5708 \\ \hline 8.2766 \end{array}$$

3 1
7 .

$$7.811398$$

$$\begin{array}{r} 2857 \\ 31 \\ \hline 2854 \\ 8562 \\ \hline 8.8474 \end{array}$$

(48)

(41)

Nov 12-1923

Harry Todd and his car take
John L. Lewis and I to Sec 5-
137-27 - Pick up

Eat our lunch in room - finish
survey Lot 5. Book to Beamer
Lights go out Reed is with us
Banker
and his car gives us light in
to Beamer

Nov 13-1923.

Nick Eberhart gives me ch
\$100. in full for survey and I
give him a receipt. I promise
to plot Lot 5 - Sec 5 - 137-27
and lots for \$250. - for WA
Eleman \$25 a month payment
See Book 12.
I make plot - 1 day.

Time sheet working for W.A. Eberman
Blackstone Hotel Chicago -- and

Nick Eberhart

Timesheet
Oct 1923

10 22 23 24 25 26-28

Nov
12 13

John W Curo

1 1 1 1 1 1 1

per
1

Car

1 1 1 1 1 1 1

Dwight B Curo^{Tech}

1 1 1 1 1 1 1

Jack Lawrence

1 1 1

Nick Eberhart

1 1 1 1 1

Cor

1 1 1 1 1

SL Davis

1

Harry Todd

1

Teddy Can

1

(42)

(44)

30

42

Eberhart
and
Eberman

Cus 10 days @ 15	150.00
10 " board @ 2	20
Car & dyp @ 3	40
Wright Cus -	20
Down	03
Todd and Car	1.0
Reed	00
Boord for Wright Todd & Down	20
	<hr/> 263

Nate - My work with my crew
Wright - Todd & Down
with board & car & dyp
colled \$240. I will ft \$100.
and pay Wright \$20. my debt

① Jan 4, 1925 51

Michener and

Reinhard Bros Mpls.

Gov't Lot 6. Sec 5-137-27
Survey locost "about \$50"

I and my Ford with Harold
J Curo Lv Jenkins @ 1-PM
Talk with Bert Michener at
Goat ranch and
drive East. to Michener's

camp in charge of
Jack Beetham "65"

We first drive to S.W. Cor
Sec 5-137-27 previously
set by us from old US B TS
Place π turn about 90° to
random looking E. and W
North. bet 5-6-137-27
random line. L. π here
and go to Michener's camp
meet Jack B. then drive
home to Jenkins for mail.

John W Curo

Jan 5-1925

Harold and I get our own
supplies \$5.51 at Lundale
store also potatoes 90¢ each
Lt Jenkins @ 11-am. get our own
dinner at Beckers mess
Cabin PM.

Cut wood and haul same
in my Ford. Cook our own
meals and furnish our own
grub.

Sleep in Michener's Blankets

Jan 6-1925

Cold & Clear

Harold and I work alone

copy notes till 10-30 am.

See Pg 68 Book "A" Michener

N¹/₂ Cor bet 5-6-137-27

= 60' Sph.

= Oak 4" N about 1' E 5.40 Ft

WP 18'S " 45°W 9.50 ft

15 dim spot in oak at base turned
by eye

Jan 6-1925

③ Reinhard Bros

53

continued

Herald and I Lr. Camp @ 10-30 AM
at N¹/₁₆ Bet. Secs 5-6-137-27
we find the old 60' spike well
set down in the ground with the
red cloth patch faded white in spots
which checks perfect with both
BTS.

Mitchener house at a 3x3x36
cement pit 18' ft East
and 18' ft So which is
not correct

we walk $\frac{3}{4}$ mile So work

To on line and river

North on True line bet Secs
5-6-137-27

@ 120 Lr. bank @ 150 miles in
300 slabs in 375 Lr. in

400 Top 3/4 bank miles Island

600.0 598.80 - spike in 1

101.2
598.8 BTS Vg

498.8
NP 6 N 56° 35' W 2.55-

Oak 8 S 62° 55' W 27.00

" 6 S 56° 35' E 23.30

@ 540 Lr. Island 6/4 bank

600 sth Ent in

900-1200-1500-1800-2100

2400-2700-3000-3300-

3600-3700 ~ stake in

+ 257 = 3957 = N¹/₁₆ Cr

54

4

Jan 6-1925

Continued

N $\frac{1}{16}$ bet Sec 5-6-137-27

set 138 ft N. of sharp tank

175' from wall in

Harald and I go home and
cook late dinner

3-55- L & Camp PM

Figuring correction

1320-US = 1319.00 (Book A)

gives this 1319.04 or $\frac{1}{2}$ inch diff.
Very Close)

@ 2700 H ch so 62. ft to 2638.00

H set Hub on ice for

True $\frac{1}{4}$ Cor bet Secs

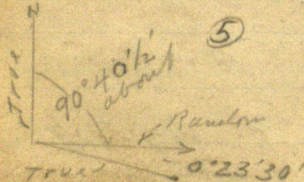
5-6-137-27

@ 1200 N ch N 119 To 1319.00

N set Hub on ice for

True $\frac{5}{16}$ Cor bet Secs

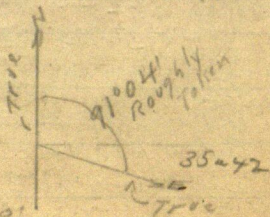
5-6-137-27

Take angle @ SW Cor Sec 5
NE angle reads $90^{\circ}40\frac{1}{2}'$ West
line line with south random run
E,

90 40' 30"

00 23' 30"

91 04 00



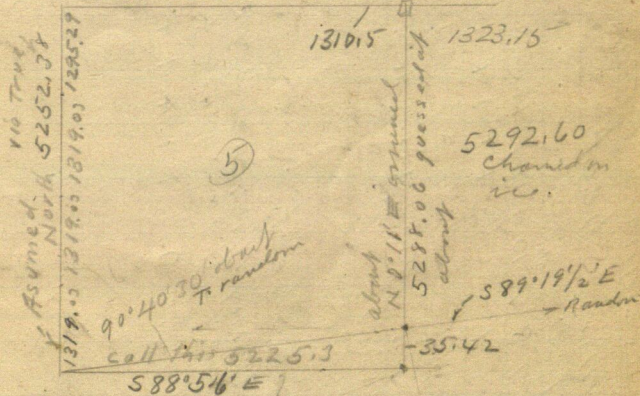
Jahnwein

⑤ Reinhard Bur 55
Michener

about zero. Harold and I still
batch at Michener's main cabin
using our own grub.

Figure correction to crop in my car
@ 10 am.

coll This 5242 about 4 1/2 ft by 1 1/2 ft. I



Town Random Hub 5226.7E (see Pg
52 Book 14) Also Pg 20-54-19-This Book

Back sight on random N $89^{\circ}19\frac{1}{2}'$ W
(-W $0^{\circ}46\frac{1}{2}'$ N) and run

N 0° 11' E → North But Sec 4-5
drive to camp for late dinner

continues with till dark sleep
at cabin Harold shoots 3-
Rabbits with 20 gauge.

John W. C.

Woring For Reinhard Bros

Time Sheet

Jan 1925

	SUN	10	11	12	13	14	15	16	17	
John W Curo	$\frac{1}{2}$ pm	1	1	1	1	1	1	1	1	all short days 150
Car @ 85	$\frac{1}{2}$	1	1	1	1	1	1	1	1	10
Harold J Curo	$\frac{1}{2}$	1	1	1	1	1	1	1	1	10 days @ 83.50 \$35-

Board Sheet

Boarding Ourselves - Using Micheners Cottage and Blankets "Bathing"

JWC	-	$\frac{D}{SL}$	4	4	$\frac{DB}{S}$	-	0	$\frac{D}{SL}$	4	4	4	4	4	4
HJC		$\frac{D}{SL}$	4	4	$\frac{DB}{S}$	-	0	$\frac{D}{SL}$	4	4	4	4	4	4

Supplies at Lundalen

551.
490
1041

490 =

\$10.41
\$205.41

(6)

D 137-27-5

57

Jan 8-1925

Harold and I Ls in my car @ 10-30

to our Hut on random 5226.7 E BS.

W 0° 40' 1/2" N Turn Telescope 140° 11' E

Transit telescope Line cuts 1.75

NE of SE Cor Sec 5- Run

North on random bet 4-5-137-27

@ 250 stake + 269.7 = 519.70 Hut

also Hut 1.75 W @ 519.7 + 233 =

752.70 stake & 4" oak stump not

on line 752.7 + 53 = 805.70 &

2" Birch stump not on line

30 ft so of Trans swp E-W

805.7 + 300 = 1105.70 stake 40 ft

N of swp swp square 300 E 125°

west. Then walk N to top

of big hill to Hut. Ch West

1.75 and set 2nd hut on line

random line where we place

transit and from transit

chain down hill South

@ 200 set stake (= 1320 N.)

@ 300 S. stake 300 + 1141.3 =

to stake 1105.70 added to 414.3

= 1520 Total to Hut at transit

on top of big hill so that

stake "200 S" is 1320 N of SE

Cor Sec 5-137-27. Harold and I go

home to dinner @ 3-15 PM

Cut wood till dark. Home to Jenkins

at 10-30 PM.

John W. C.

Jan 9-1925⁸ Sat Sec 5
137-27
all day in Jenkins

58 Jan 10-1925 Sunday
Harold & I all day in
Jenkins

Jan 11-1925 Monday
Harold and I to Jenkins
in my Ford - 11 am

Pick up grub box for Jack
Beetham which Bert Mich-
ner gives us at goat camp
or at Trout Lake camp @
1 P.M. Set upon heater and
cut wood till dark

Jan 12-1925
Tuesday to camp @ 12 m.
to car at camp and walk
1/4 mil N - 1 1/4 E NNE
Cor Sec 5-137-27 to old
4x4 oak stake set by Reed
and I in Eberhart Survey
In This Block P7 -

Then walk 3/4 mil so to N
and continue North on line
1520 + 280 = 1800 stake - 2100 - sth
2250 Eula lake NW-SE @ 2400
although 50 ft E of narrow neck of
land 2630 to lake NE-SW 2640 sth
27 or sth. Walk home to camp

⑨ 5-137-27

Jan 13-1923-

57

Wed. Clear Sun-Cald
L. Camp 10-50 am walk $1\frac{1}{4}$
miles E to line. Continue

North on random bet 4-5-137-
27 - Natl random - True line
because we can ^{see} set flag @ NE
Co see 5-Wire splits center

Close guess !! x x

Still @ 1520 N W. Can see flag
at father's end of mile line NE

+ DE Co see 5-137-27

Ties to Hut 1520 viz

Birch 10" SW 15.83-

Oak 16" NW 1.15

Natl - Heavy oak brush on this
line hills. Mistake in US Survey

North on line bet 4-5-137-27
2700 - stake 2747.30 Hut on hill top

west of water 2800 stake 2950
enter lake NW-SE. 3100-3400-3700-
4000-4300-4600 stake in

4625 sea wall of marsh E + NW

4640 enter open marsh 4900 stake
marsh 5125 sharp point of land

Island in marsh coming from the
west 5200 stake in marsh + 92.60 =

5292.60 = 4x4x Oak stake

set by Reed and I at NE Co
see 5-137-27 Ties viz

Dead WP 10" N about 45° E 93.00 Ft

Elm 12 " S " 60° W 105.00 "

Green W. Oak 8" S " 20° W 141.80 "

Stump is 3 ft tall

John W. Curo

60

E 1° 04' S

= 1° 01' S = S 1/16 W

Sec 5-137-27

Jan 13-1925

cont'd

1323.15

1319.03

412

1.50

3.70

4.20

Correcting Back

Bet Secs 4-5-137-27

at stake 4000 N ch So 30.55 To
3969.45 N - set 3 stakes on ice 1/4 mi
distance N. fr N 1/16 Cor bet 4-5-At 2640 N - chain N 6.30 ft To
2646.30 N. @ 2700 we chain down
hill 53.70 ft To 2646.30 N. where
I walk to T @ 1520 and find Harold
in to set 1x1x6" oak stake on side
hill fr True 1/4 Cor bet 4-5-
137-27.

At 1320 N. we chain N 3.15 T. 1323.15

Set 2x6" oak hub fr

True S. 1/16 Cor bet Secs 4-5-
137-27. Calling True line N 0° 11' E

BTS viz

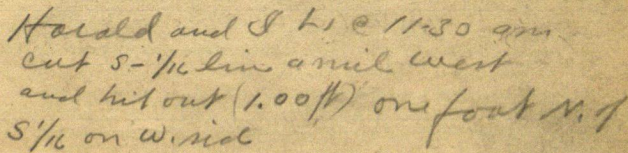
Oak 7 N 4° 25' W 69.30 Ft T. flat spot above

" 10 S 86° 00' W 38.65 "

To over S 1/16 Cor. Focus 50° 11' W on
Pine Cone in tip of big Pine 60 ft above
Secir (Corner cannot be seen) run
West 1° 01' N. - N 88° 59' W should beTrue Line S 1/16 line Sec 5
Focus on Pine Cone in tree 1/2 half
1/2 mi west. move T 100 ft ahead Focus
again on Pine Cone and how Harold
set flag on line in ice ready for
morning. All of thick ice 2 miles today
and yesterday John O'Connell

61

Reinhard Bros



= +.0002-S, for each foot west

(62) (12)
Jan 15-1925 Fri

John & Grove Cross Lake Minn
owns Lots 7-8-Sec 8-137-27 lives there
wants survey

Segal - Harry Gould - Anderson et al
wants survey

23
22 85 60
25.65

Town Board -
wants survey.

Wm Newman - R#1. P Pin has
44 house logs - peeled - 1 year old
1 P. for 140 18x24 @ \$11.50 each
or \$66. delivered my place on
Whitfish Lake Minn.

Logs on River bank Pin River
near Chas Heath place on
14 acres NE Cor sec 13-
137-29 - The 14 acre @ \$25.00,
Newman.

Harold and J L. @ 9-30 am
Bay @ 5 1/16 bet 4-5 - 137-27 et al
west on road on 129.70 ft from
main 300 stake (Skin Rabbit)
460 Edge of bank 465 in
600 on line of 12-1320 alkali
135-1800-2100 on line +
2150 to in 2162 side of bank 2 ft up
2167.4 @ 1 inch rough line
on side of bank broke off 3 ft 4 in
along a line
2179. height of 4" green alk
bank to ground line 1.15 so of alk
PT FOR ZM.

Jan 15-1925 cont'd (13)

344 (63)

2270.50 W. N. H. & edge of old quarry

2285.00 " " " " " "

2312.25 Hub 2400 slake

Correct 227

229

231

457

488

562

2270.50 at 280 0.45 T. line line

2285.00 " " 0.46 " "

2312.25 V. " " 0.46 " "

Correct Hub 2312.25

BTSV

Oak 5.5 about 10° E 26.45

VA 12.11 " 80° W 47.20

At 2275. West corner of old
traverse line 57.00 ft NW of
angle pt. Hub. Pt. corner is in
slid block.

at 2600 ft. old. W. bank of hill

2700 slake 2750 foot of hill

NE-SW. E. side of hill. S. corner of
big mud lake now.

2900 S. edge of lake. Line 20 ft

and run W. & NE @ 3000 lake line

15 ft. run and run @ 1800

3000 slake in mud. 3190 ft. top of

line about 4500 and 5000

with flat lake in center

10° ft. 7 mark around on hill

3300 slake with hill

3443.80 Hub 10 ft W of E bank of

hill: 3600 slake Hub 3443.80 and run

20 0.169 ft. line BTSV

Oak 10 N about 20° W 8.10

" 4 N " 80° E 16.20

64

(14)

Tower corrected that 3443.80

Focus on line S $1/16$ mile

alt. 3600 + 190.90 = 3790.9

Huber low line 10 ft E of W

Brick high 3800 alt.

Tree to that 3790.90 W

Brick 45 about 30 E 6.60

" 11 ST/4 S " 30 W 4.08

at 11/4 11 " 30 W 4.10

3800 + 1414 = 3814.4 a 1" that

west slope ground not frozen

3848 West bank 1/2 mi

cut bank 3880 feet

3890 about water

4150 on ice 4400-4700-5000

+ 233.70 = 5233.70 S $1/16$ mi

on ice

From 1/4 mi. alt. E on ice

3-6-9. 995 enter island NE-SW

1045 Huber island

extends 50 ft N and

125 S 30° E 1110 to island

N-S. 1200 alt on ice 1334.

old 2x2 Brick stake set for

Eberman East end

Looking 80 rods S. that time

sage in - East about 110 ft

alt. 40 rods to

15000

1420.5 alt Brick stake set at

795

Rabbit holes for Eberman

1-233

Huber line 1500-1537. alt. 1500

alt. 1550 L. solid line

N-S 1600 on ice

Jan 15 - cont'd (15) Seas = 137-27 65
East on 2

1800 Lake level 150 to 1900 350

@ 2100 on in Lake level 500 to 2400

2450 L in foot of sharp hill

S 20° W and N 10° E ± + 113°

2513, 00 Fm 2' W of my old hole
about 2534 2nd grade N-S

2513 + 66 = 2579 Fm on this E

⁶⁶
2579 7th grade + 160.40

^{160.4}
2739.4 = 2739.4 a 2x2 Bush Hal

from which Elmer has
cut a line north

2739.4 + 288.5 down a big hill
without P15 - about 286.5

2739.4

^{286.5}
3026.0 = 3026.0 2x2 Bush

State Big Stone ridge
near wall 22 ft W of
water marsh 70 ft across
over 25 ft W

Nat from 263026 show line
runs about S 10° E for 200 ft
and then SW

Home at sundown - 2 meals -
Sow down big Oak - roll 2 flake
home for wood - warmer

John W. Curran

(66)

(10)

Jan 16-1925 Saturday

137-27

Warmer - Sunshine & clouds

Erickson - Dave

F. Seekel. Cross Lake Minn.

owns Lot 99 Sec 7-137-27

Gov't own Lot 10-7-137-27

Seekel wants E Line Gov't Lot 10

McPherson

At Hub on true line 27473N

bet Secs 4-5-137-27 True line

Oak 5N about 25°W 19.05

" 6 S " 70°E 21.80 Knot 2 1/2 furl

At 1/4 Cor bet 4-5 = 15 ft NW of lake

BTS 0.75

WP 6 S about 80°W 16.60

Oak 31 N " 10°W 31.75

" " 4 N " 1°E 6.05

WP 24 15 N " 10°E 9.80

Harald and I meet Bert Michener
about 4 PM just leaving camp. Weeat supper - clean up our camp - take
down our heater - and get started for
Jenkins about 8 - PMas Jenkins lake and cold woods
good for car & left snow drifts on E
end of Trout Lake

(17)

67

Reinhard Bros

Christian Survey

Feb 9-1926 Tuesday

I on to Survey

Lot 5-sec 4-137-27

Lot C-9-115 137-27

I and my Ford to Jenkins @ 9-30 am

Note: Ben Christian and his son

Left Pine River @ 8-am for Wm Slows farm

I meet Ben and

Ben goes on to Jenkins to get my 300 ft ch
I forgot what goes back with

me to Cor 4-5-8-9-137-27

where I find my old I m being sled

See Page 18 This Book Walk 1/2 mile
west where we meet Ben and his son

He has just come with my chain

all 3. eat dinner with Wm Slows

PM.

I get Bill Slows and his big team 1-

pull snow plow 0 mile East and
dine with my Ford to Cor

4-5-8-9-137-27

From 2 m. BS N. on almost line line
turn about 90° and runEast on random but 4-9-
@ 300-379.7 - 20 d spike @ 500 ftmarsh v-s 600 sth 710 m in in
small lake 900-1200-1500-1800-

2100-sth m in 2310 that double can

2350 LV in - Ent mark 810' E N 10°

2400 stake in marsh and quit for
nite. Ben C. drives home to Pine RiverDean B. Christian 18 and I take
my gun and stay overnite with
Wm Slows. in @ 6 PM. 2 hrs on water

John W Cress

1926 Time Sheet Working For B.F. Christian -

70

Feb

8 9 10 11 12 13 SUN 14 15 16 17 18 19 20 21 22

John W. Curo

9H 10: 10H 8H 6H 3H 30 15M 45

6 4H 9H 5H 30 9H 8

Car

1 - - - 1 0 - - -

Ben F. Christian

1 1 1 - 0 1 - 1/2 PM

1 1 1 - 0 1 - 1

Car

1 - - 7H 4H - 1 - 1

Dean Christian

1 1 1 1 0 1/2 1 1 1 1

Wm Stowell

82 52 82 - - - - -

1 1 1 1 1 1 1 1

Christian's Team

- - - - - 0 1 1 1 1

Oscar P. Thiers

- - - - - 0 1 1 1 1

1 1 1 1 1 1 1 1

30

8 9 10 11 12 13 SUN 14 15 16 17 18 19 20 21 22

Board Sheet @35°

	8	9	10	11	12	13	14	15	16	17	18	19	20	SUM	21	22
J W Curo	P	P	P	P	P	P	P	P	P	P	P	P	P	21	21	22
B F Christian	S	S	S	S	S	S	S	S	S	S	S	S	S	21	21	22
Dean Christian	P	P	P	P	P	P	P	P	P	P	P	P	P	21	21	22
Oscar Thiers	S	S	S	S	S	S	S	S	S	S	S	S	S	21	21	22
Christian Team	P	P	P	P	P	P	P	P	P	P	P	P	P	21	21	22

④

christian

72 Christian

(5)

See H-5
137-27

Feb 10-1926 Wed

LV @ 8-33 am - Deen and I walk
East out of our Hut 2310 E continue
East - 2350 E LV is 110 ft so of point from NE
and 50 ft E of lake 2400 - 2400 stake in
marsh 125 ft N of NW cor of pt of land
which runs SE 150 ft then SW 608 hundred
feet @ 2800 E W is 100 ft N of pt of land
runs SE

Note: Ben Christian drives out from
Pine River and walks to us at
Hut 2310 at 3000-3300 - then in bog

1/4 Bet

US Valler call for Tam L N 60 W 16 lbs
WP 18 S 19 E 67. We don't look for these
gone.

@ 3370 LV Bog extends 900 ft N and 80 W
South 3440 Hut 20 ft spike on pt 125 ft S
1 pt 3550 int bog NW-SE 3000 sth
3830 LV bog NW-SE 3900 sth on pt
3970 int bog NE-SW 4200 stake 4225

LV bog N-S - Foot of big hills

all 3. walk to dinner 40 minutes walk

Note: 3440 set 20 ft spike in SW cor
remaining 2" rim of 8" shot stump
P.M.

Win Stover and his big gray team takes
us part way out to work

@ 3900 set 2 60 ft spike Hut 4200 +
150 = 4350. Hut 60 ft spike on W
Brink of hill 4200 + 200 = 4400 sth
on E Brink of hill 4550 a 50 ft swamp
drow runs NE-SW

4400 + 300 = 4700 stake in side hill

4914.7 Hut 210 ft nail on top of

Highest hill in the mile @ 5000

Stake Note: From Hut 4914.7 we
can see West to Hut 379.7 and very
likely a 7 ft picket at the sea on o.o.

Continue down hill East

@ 5200 put hole 50 ft across

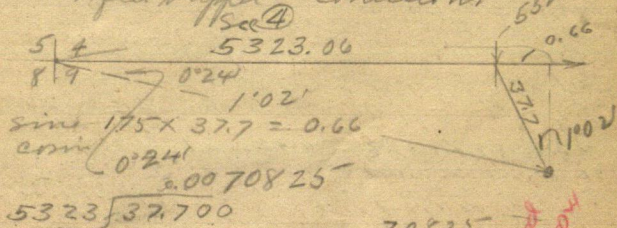
⑥ 4-137-27

73

@ 5322.4 East Hob from
which the Cor To Sean 3-4-7-10
137-27 sets S1002'E 37.7 ft
This is a 2x48" Iron pipe set in
a 4 ft mound of dirt set by I and
the Town Board July 13-1917 see
Co Record N=157.

Quit @ 5 PM. walk 3/4 mile N where
Wm Slove and his big team meet us
and takes us to his place on mt.
Warm - Clear bright sunshin
8" snow. At home 5:33
6:15 by Slove's clock.

After supper - Corrections



70825
5323
212475
141650
212475
354125

RECORDED
157. CROW
WING CO

SOUTH
SIDE Sec 4

133077 37.7001475

4) 5323.06

13

12

12

12

30

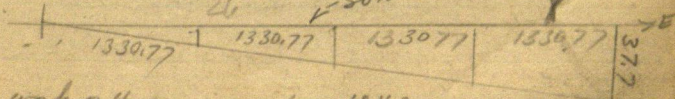
60

26

Sec ④

5323.08

solid sec ④



walk 2 Houson roads = 10 H 30 m
Nat. Am. Wm Slove & Team make two pipes
PM @ 8.1 each - 82.

74 Feb 11-1926 7 Ben Christman
Thursday Survey

Sec 4-137-27-

Bill Stowe cannot take us with
his team - Call art Allen and he
cannot go with his team now

Walk East $1\frac{1}{2}$ (Two) miles
To SEC or sec 4-137-27

Arrive 9-15 am

Touch Hat 5222.4 BS on Hat

4914.7 m random Turn 90° under
North

on random hat 3-4

300 ft 408 Hat on top of big hill

Chained from Tree across 1 mi

Set Hat 408. set same E of

0.66 of foot Tunnel line

Line cut 0.66 W of Tunnel

Hat 408 Tree. 96 E of 11.5

PPM about 30° E

Turn Hat 408 BS on 2.11.15

North on Tree random 300 + 200

500 ft. + 300 80° slope 110° slope

Walk half a mile NW meet Bill

Stowe and team go to dinner 12.15

PM

Stowe and team take us E walk

80 rods to 1100 + 163 - 1263

set 60 d spike Hat

Oak 2N 55° 20' W 15 ft Pored

" 24S 26° 15' W 14 ft Pored

Turn off on Random on Road 6° 15'

at about 1500 N Renew E-W

good place for road 1263 + 300 - 1563, 4

1636.2 slope 60° spike Red Hat - 1636.2

9' green Oak slope 1480° 40' W

4, 45

1636.2 + 300 = 1936.2 stake 2236.2
+ 164 = 2400.20 H. Hub 60 ft up
on top of hill

ask 2N 58°10' E 19.2
Pine stump 24N 1820° E 31.30
ask 2N 15° 42' W 23.25

2236.2 + 300 = 2536.2 stake
+ 300 = 2836.2 stake 10 ft N of old
E & W road + 209.2 =
3045.4 ft. Hub on hill

Quit at dark

Note: Dean left at 4.30 to meet
Bill Stone and send him NE to meet
us @ old house - get in @ 6-45 Dark
at Allen center over and eat
with Stone supper.

Evening

Figuring (.0070825 S.)
So line sec 4 - 137-27

5323. E gas 337.7

4914.70 E gas S

4350.

E 1/16 3992.30 E gas S - 29.27 to E 1/16

3900 E gas S

3440

1/4 2661.53 " S 18.85 to 1/4 Cor

2310.

W 1/16 1330.76 E gas S. 9.42 to W 1/16 on line
379.70 " " S

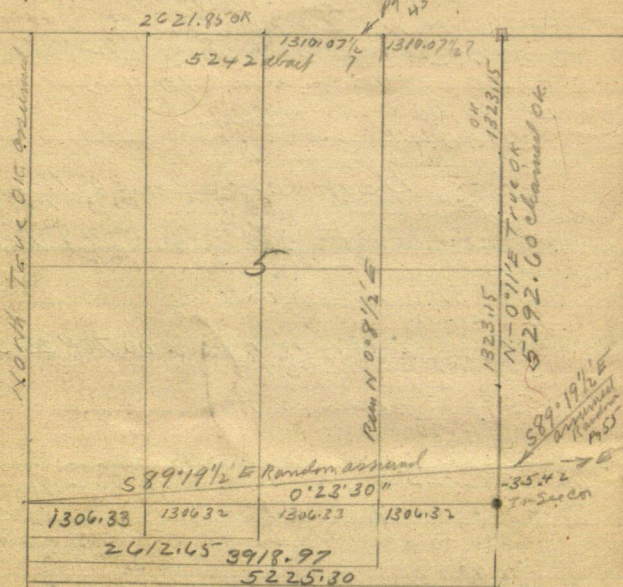
L 8.15 back 6-30 with 1. Hr on mals.
10. Hr 15 minutes

= S L m sec 4

76

⑨ Christian Survey
Lot 5 Sec 4 } 137-27
" 9 " 5 }Feb 12-1926
FridayLight snow fall during mil.
Ben and Nelson going over - walk to work
tell 419.15 (I figure 30 min)

Page 20. This Book Pg 14 -



Dig up Hut 3303.9 (Pg 14) set back shot Then Hut
4116.50 (Pg 15) ch West 197.53 to 3918.97 E
Find Hut 3740.10 (Pg 15) ch E 178.87 to T.
3918.97 E The two points came on inch apart divided
them and set a set of 3 red spikes
Tower Hut 4116.5 For night on Hut 3303.9 set spike at
2 ft with line of 3 red spikes. Tower 3918.97 E Turn
90° run So 26.56 ft set 20 ft spike and patch ft
True E 1/16 Bet 5-8-137-27 Mark line
N 0°40' E random - I come in 30 minutes ahead
of Ben and Ben 10 Figure correction

Feb 12-1926 Contd PM

From 20th spike on random @ 3918.97 BS on
Hut 3303.9 N 89° 19 1/2° W and run.

N 0° 9 1/2° E set flag about 800 ft N
Liaunt telescope to a pt 0.25 of a foot E
of 20th spike @ True E 1/16 Cor Bet 5 and
8-137-27. Set flag 800 to a pt 0.25 of a foot
west on True random Then walk East
and correct old hubs 4116.50 S 27.90
4955.90 S 33.59 Page 20.

Then Chain North on my True line bet
4-5-137-27 (Break my chain) check on Hubs
519.70 - 752.70 - 805.70 - Page 57-58-59.
and at Hut 1520 on top of big hill set Book
shot with cross in top then walk home
@ 5 P.M. Snow light all day Ben Christian
eat supper with Stowe and dinner home
1- Pine River after dark Dean and I still
with Stowe no team or car today snow
all evening. 15 minutes in cold - 8 hour

Feb 13-1926 Sat

Warm - no wind. Dean Christian and
I walk and work alone - walk - @ Hut
3303.9 - E ch S 22.39 and set _____ spike on
True E & W Sec line Bet 5-8-137-27 on top
of cut west of old Cross Lake. RR grade
= Wm Stowe's & line Stowe's new fence
built on my random is 22.39 bet. for N.
See Page 19.

8 To 9 Am figure L1 @ 9:30. From Hut 2310 E
chain for 2400 + 26153 to 2661.53 set
60th spike in north then S @ 90° to random 18.85 ft

1/4 Cor Bet 4-9-137-27 set 60th spike

XP10S 8° 34' E 162.35 T. feet up

Dead Tam stub 7° 5' 83° 15' E 131.95 "

" " 4N 73° 24' E 96.40

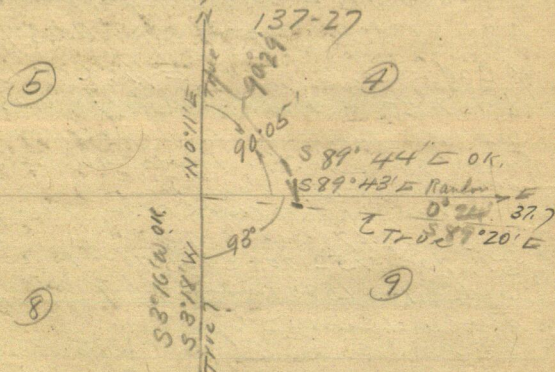
and 2' stake pt S 15° 53' E 14.40 from true line
about: v 6° 15'

78

(11)

Feb 13-1926 Cont'd

We walk west T over Im cor to
4-5-8-9-137-27 set plate @ 0.0. Focus E on
Random Reed N to angle to Tunc line N $90^{\circ}05'$



15 minutes late for dinner PM.

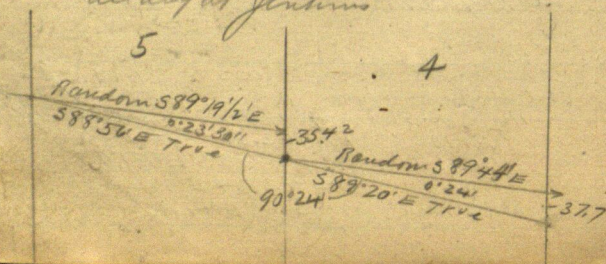
Correct Hat on old Transit line 3303.9
Pg 19- So 22.39 ft in 20 ft spike almost 90°
turned by guess.

3-30 L for Pine River where we get left
soldered L Dean Christian and go home to
Jenkins for over Sunday - Miss Inez
Souyer (Preacher) has been with Almond and
Reed all week.

6 Hours 45 minutes work

Feb 14-1926
Sunday

all day at Jenkins



Feb 15-1926

(12) 137-27

79

Monday

Christian Survey

Alma-Reed and Inez Sawyer and my
Ford drives from Jenkins to Emery
farm - leave me off at Pine River

@ 10-30 am when Ben Christian and
his Star Coupe drives I and leave
to am Slows farm for dinner at 12-30

We port Oscar Thiers with Christian's
team and sled on the road. Ben goes
back to Pine River without dinner

Leave and I eat dinner with Mr. am
Slows so then go out and cut line
till 3-30 at which time Oscar arrives
with the team. Stay in bal. of PM.

I work on notes till 6-Pm.

Call my work 1/2 a day.

Multiply diameter of circle by
7854 to find area ?
137-27



30 137-27-4 (13) BF Christian
Sunny

Feb 16-1926

Tues

Lat 5-Sun

" 9 " 5

Li @ 8:55 AM.

Oscar Thiers with Ben Christian's Team
and sled drivers us out to work with us
all day. To our Hut 3045.4 N.

From stake 2536.2 Ch N 60.80 To 2597.
Hut on side hill = 1x12" oak plug. From stake

2836.2 Chain back south 72.2 To

2764. POT = 1x18" oak plug

Bur Oak 7NW 30.10 To Flat spot at base

" " 9SW 33.45

Ht 3045.40 Ch N 64.6 To 3110. Hut in
renew POT = 3/4x10" oak plug

Bur Oak 11-West 6.70

From 3045.4 + 212.6 = 3258. stake

+ 252 = 3510. 2" green oak stump E

of line + 80 = 3590 cross old road E-W

3510 + 300 = 3810 stake 3890 old road

NE-SW 3810 + 290 = 4100 Hut 20 ft up

WP 12 East 11.95 (Triple N) To flat spot

Oak 5SW 16.70

Start home to dinner 12:50 on 12:30

PM

Continue with + 172.9 = 4272.9 Hut

10 d nail and red pole stake 4400 stake

V 7.451 @ 4700-5000 stake 5153 old

Road NE-SW 5219.7 Hut

5300 stake

@ 5219.7 Hut 10 d nail and red pole stake

588 W @ 83.20 off V 7.30

We find 2x2 oak stake in pile of stone
set for line corner To Sea

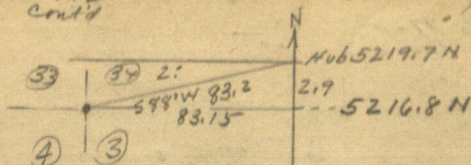
3-4-33-34-137-138-27 set from 3-alot
US BTS NW-SW-SE-76 SE and NW slings
are each 1.00 ft low far away -SW OK. set
OK for course. Home @ 6 pm for supper
Foggy valley 1 hour, real 9 hours 5 minutes

Feb 16 - 1926
Cont'd

(14)

137-138-27

(81)



$$\begin{aligned} \sin 0.3490 \times 83.2 &= 2.90 \\ \cos 99.939 \times 83.2 &= 83.15 \end{aligned}$$

5216.80 my Ch = 5266.8 US = 50. ft short

50. ft short in 5266.8 = .0094934 short

1320.00 short 12.53 = 1307.47

2640.00 " 25.06 = 2614.94

3960.00 " 37.59 = 3922.41

5266.80 " 50.00 = 5216.80

S 1/16 1307.47 N goes West 20.84 OK

= 1/4 2614.94 N " West 41.68

N 1/16 3922.41 N " West 62.52

Sec Cor 5216.80 N " West 83.15

Correction = .015939 West

408 N goes W

1263. " " W

NE Cor 4

1/16 1307.47 N goes W 20.84 OK

1636.20 " " W

2400.20 " " W 38.26 OK

2597.00 " " W

1/7 2614.94 " " W 41.68 OK

2764.00 " " W

3045.40 " " W

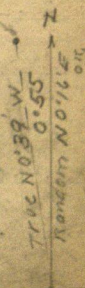
3116.00 " " W

3922.41 " " W 62.52 OK

4100 " " W

4272.90 " " W

5219.70 " " W 83.15 OK

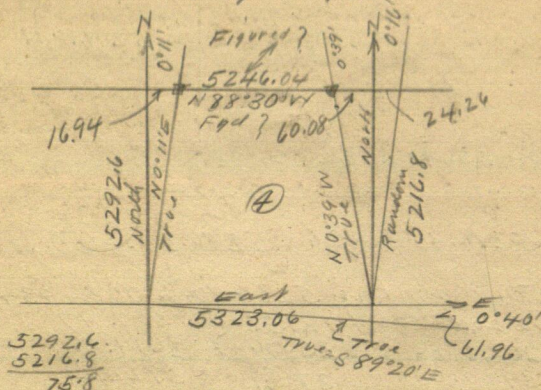


Feb 17-1926 Wed

137-27

Chrysler

Figuring 0.55!



Tary

0.11' = 320 \times 5292.6 = 16.94

$$0^{\circ}16' = 46.5 \times 5292.6 = 24.26$$

$0^{\circ}39' = 1135 \times 5292.6 = 60.08$ } close check.

$$0^{\circ}55' = 1600 \times 5292.4 = 84.69$$

$$0^{\circ}40' = 11641.5323.06 = 61.96$$

$$\begin{array}{r} .00226 \\ 5246 \overline{) 13.840} \\ \underline{12492} \\ 13480 \\ \underline{10492} \\ 29880 \end{array}$$

$$\begin{array}{r} 5292.6 \\ 5216.8 \\ \hline 75.80 \\ 61.96 \\ \hline 13.84 \end{array}$$

$$\begin{array}{r} 60.08 \\ 16.94 \\ \hline 77.02 \end{array}$$

$$\begin{array}{r} 5323.06 \\ 77.02 \\ \hline 5246.04 \end{array}$$

$$.00226 = 0.9'$$

N 89° 20' W -

0.091

$\frac{0.04'}{= 489' / 11''}$ Note should be correct

of north in N 89° 11' W ? Try it.

Figures from 80m to 9-05 Boys' ground
axes. L. @ 9-10- Potom

1/4 Cor bet 3-4-137-27

Hub 2597. N Ch N 17.94 T. 26.14.94 N Then
West 41.68 Set 209 Spike and till pale. nethol

1/4 Cor Bet 3-4-137-27

Feb 17-1926

(16)

83

cont.
New BTS

Oak 9N 42°55'W 120.2 To flat top of all base

" 10N 51°15'W 105.8 To top of 13 ft up

Pop 4S 30°48'W 54.3 } spot at base

" 3S 37°23'E 31.2 }

Hut 3045.4 N ch west 48.54

set 20 ft spike on red patch on line
line Tall pole for back shotHome to Stone's for dinner when we
find Ben F. Christian and his Star
Couple. 1 ft of mud

PM

L1 @ 1.40 True True Cor 1/2 Secs

3-4-33-34-137-138-27

BS 50°39'E on flag on corrected Hut

3045.4 stat like N 88°30'W

Ben Christian and I chain.

5216.80

5292.60

61.96

5154.84

5154.84

137.76

1.02626

5246.137.76

10492

32840

31476

13640

31490

31476

= 1°30'

89°60

1°30

88°30' True chn

NE Cor 4-137-27 = Oak stake 2x2 set
in pile of stones

Oak 6 N 23°40'E 62.50

" 10 N 51°45'W 118.30 } at base

WP 12S 66°08'W 103.30

Oak 10S 27°27'E 81.60 pt 3 ft up

Turned from True North Fgd

RUN N 88°30'W 300 stake 600 Hut

10 ft spike Pine stump 15 NE 20.50 spot

" " 18 SE 31.40 spot

900 stake 1100 reverse NW-SE

1200-1349.3 Hut 10 ft nail

Oak 4S 24°17'W 43.5

Oak 8S 59°10'E 30.8

+300 = 1649.3 + 120.7 = 1770. +300.

2070 stake Quit lat Home 6-7

84

(17) 137-27 L45

Feb 18-1926

Sec 4.

Thursday. 14° below zero - Clear
 bright sunshine - (has been fine
 sunny weather for past two weeks)
 Lv @ 9-15 with sled and team

Beg @ 2070 Conlin

Went on N Line See 4-137-27

2370 + 240 = 2610 Hut 10^d nail

Drive home to drive 40 minutes to eat
 and start back - Drive up @ OX Lake
 Lv team and walk East.

PM

2610 + 100 = 2710 + 50 = 2760 + 300
 = 3060 + 300 = 3360 minus (-) 14.7

= 3345.3 Hut 10^d nail

Oak 5S 66' 10" W 22.4 } T. spot

WP 9S 70' 40" E 51.5

3360 + 240 = 3600 + 225 =

3825 Hut 10^d nail 3825.3 Hut10^d nail Oak 3NE 18.75 } T. spot

" 5NW 34.30

3825 + 200 = 4025 slake 4050. ent

swamp N-S. 4325 slake in swamp

4600 Lv swamp N-S 4625 slake in

side hill Set π on Hut on top of

hill at (about) 4900. Quit late

Home @ 6-30 - Our line will hit

old 2x2 - oak slake at NW corner

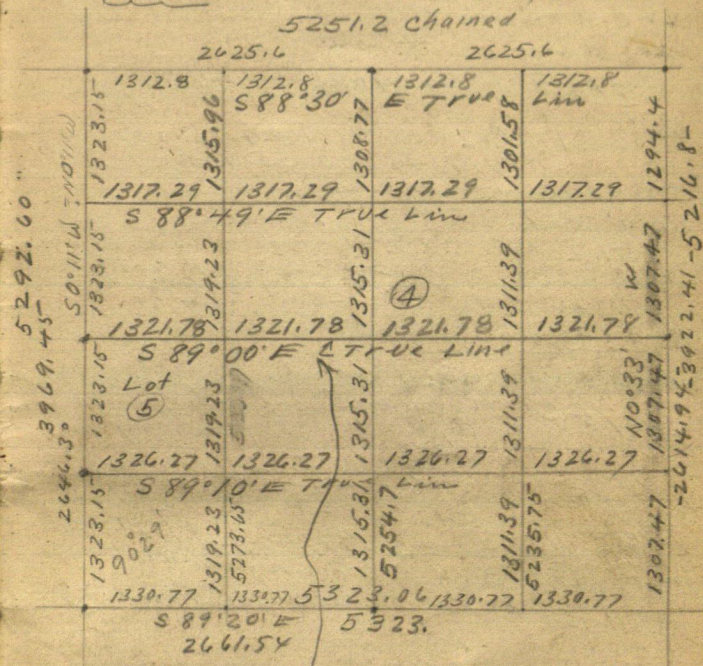
Good Shot

I figure an hour on miles = 8 Hr 30 minutes

19 Lat 5-See 4 85
Feb 19-1926 137-27
Friday Ben Christian

Sec 4. N. T 137-R 27

5251.2 chained



1312.80
2628.60
3938.40
5251.20

Feb 19-1926 Continued

Lv with Ben Christian's team - Oscar
Thiers still as Teamster Ben and
Dean Christian as ch. fly

L1 @ 845 am drive up ax lake with
sled on ice. T. over Hut

Beg @ Hut Slake 4625 + 146. =

4771. Hut - 20' spikes on hill under
Transit NP12°S 56°18'W 24.75 } T. flat spot
NP11°N 43°30'W 55.90 } 2 ft up

5010 enter bog v.s 4771 + 300 =

5071. Slake in bog + 180.2 =

5251.2 Hut 2X 2X

Oak Slake @ Cor 4-5
in center of slake Good shot
for Four mile run !!

Drive Half a mile South to

1/4 Cor Bet 4-5-137-27

where we find 1X1 oak plug set by me
for True 1/4 Page 66 This Book all

BTS plain

T. over 1/4 Focus 20 on true line
S 0°11'W and run S 89°E Set Hut on
Hill on E side of lake and go to dinner

Still Boarding with Wm. Slowe
40 minutes for dinner

PM

T. over True S 1/16 bet 4-5-137-27
Page 60 This book find 2X2 oak
and all BTS. OK. Focus S 50°11'W
(about) and start line S 89°10'E
(about) L. Dean and Oscar locate
line while Ben and I take team and
drive NE (up lake on ice) and put in
1/4 on N side See 4-137-27

John W. Cline T.

Feb 19-1926

PM. continued

952
192
111

Correcting

North Line Sec 4-137-27

Town Hut 2410 chain west 15.6 To
2625.6 W set ~~24~~ 205 ft. red
patch for TRUE

1/4 Cor Bet 4-33-(N Side Sec 4)

T 137-138-R 27 Town 1/4 corner

N 88°30'W on line line

Oak 5N 65°35'E 33.85 spotted for

JP 7N 44°30'W 57.25 ft. 3 ft. up

Turned from TRUE N.

Down T. E & W & Sec 4-137-27

Town Hut over lake (OX Lake)

B.S. on 1/4 Cor Bet 4-5 true

East on TRUE & Sec 4

(S 89°E) @ 25. incl. in 100-slate

Ben and the team chain

100 + 300 = 400 slate 700 sth + 150

850 slate on ice 860 Lr ice

870. foot of big hill NE-SW

850 + 102.10 Hut under transit

on hill 10 ft. nail (952.10)

952.1 + 100 = 1052.10 incl. 60° NW-SE

952.1 + 160 = 1112.10 Lr 60° NE-SW

Bag ex. linds 25 ft. so and narrow
gully ex. linds 125 ft so then SE 100

952.1 + 300 = 1252.10 slate + 69.68

= 1321.78 set 205 ft. and red

patch for TRUE 1/16 Cor in center

9 West Half Sec 4-137-27

Green Oak Stump 10N 89°37'W 87.65

Oak 10S 22°10'W 53.55 Turned from TRUE N.

BS N 89°W (on 1/4 Cor) and run (S 0°01'E)

South on & west half sec 4.

174.5 Hut on Hill Quit for mile

Mutton on water = 9 hours.

John W. Cress

88

(21) Sec 4-5

Feb 20-1926

137-27

Saturday

Lot 5-Sec 4.

Lot 9 Sec 5.

Figuring

Course of N-S Line

$$\textcircled{1} 5274 \text{ mls } 17.97 = .003432 = 0^\circ$$

$$= W \frac{1}{16} \text{ Line N-S - Sec 4}$$

$$\textcircled{2} 5255 \text{ mls } 35.94 = .006839 = 0^\circ$$

$$= N-S - \text{Sec 4}$$

$$\textcircled{3} 5236 \text{ mls } 53.91 = .010296 = 0^\circ$$

$$= E \frac{1}{16} \text{ Line N-S - Sec 4}$$

Ld @ 8-30 - Town 174.15. pin Hut on
 $S 0^\circ 01' E$ True $\frac{1}{16}$ line East side
 about Lot 5-Sec 4 137-27
 $+200.5 = 375$, stake @ 525 enter bog
 $E-W - 635$ L.V. bog NW-SE Bog runs
 50 ft West then reverse runs N.W.
 N side Bog runs E - at 300 ft. to ridge
 runs SE 400 ft

$375 + 300 = 675 + 201 = 876$ Hut set
 one inch square oak Hut + 300 =
 $1176 + 143.23 = 1319.23$. South set
 20 ft spike and red patch for

True $\frac{1}{16}$ Center of SW $\frac{1}{4}$ Sec 4

Oak 6 N $11^\circ 10' E$ 33.10 } to flat spot

" 5 S $55^\circ 30' E$ 7.90 }

Turned from line north towards 7°

Town 1319.23 being True $\frac{1}{16}$ Focus

N $0^\circ 01' E$ and run

N $89^\circ 10' W$ @ 346 Hut 565 Hut Rough ch

@ 1326.27 (not chained) (but out 3.6 ft)

$\frac{1}{16}$ Cor (S $\frac{1}{16}$ Cor Lot 4-5)

Correction =

.002 -
 Hut 346 set N. 48 ft. foot Hut 565 we set
 N 1.13 to line line

Feb 20-1926

(22) Ben Christian 89

continued

To dinner @ 12.30 Find

Chris Irerson - Mr Patten

"Patty" Christian. Mr Van V
waiting to see Ben all eat dinner.

with Mrs Stone

PM

Ben stays in Hobbsman

with Irerson & Patty.

Dean Oscar and I go out alone with
the team

Drive to NE Cor Sec 5-137-27

set Birch pole 20 ft N Butchman
from true corner West 300-600
slab on sand Beach 610 water N-S
900 on ice 1020 L in NE-SW

900 + 175 = 1075 slab on Ridge

+ 213 = 1288 also But on hill

Oak 2 NE 9.25

" 55 E 15.80

1413 on line in 1588 slab on ice

+ 1860 L in 1872 foot of hill

1888 slab on side hill

Walk West to $\frac{1}{4}$ Cor on N side of
Sec 5-137-27 - Beg in old line
at pt 10 ft N of $\frac{1}{4}$ (turned by eye)

East 300-600 Brink of hill

+ 134 = 734 slab mtd 1888

= 2622. Total

Drive a mile to on ice to SW Cor

Lot 9 - Sec 5-137-27 = $\frac{1}{16}$

Oak 5 NE 45. ft } To spot

NP 12 NW 30.5

JP 11 SE 41.

Ch N on true line $\frac{1}{16}$ line west
side Lot 9.

Feb 20 - 1926 Contd

North on W. Side Lot 9 - Sec 5 - 137-27

@ 76 @ road E-W 250 stak. on rid. down

+ 300 = 550 stak. on rid. hill over

road - + 200.7 Tall Birch stak.

on True line on hi Birch 75. ft

As of water edge of Ox Lake + 750.7 N

Oak 9 West + 23.8

" 10 S (about 10° W) 26.3

825.7 (about) water edge

Quit at 3-30 PM and drive
to camp where Oscar Thiers

Pulls out for home with the team

I write up notes and ride home
with Ben and Dean. - their stor

Ben drops off @ 1 1/2 mil. C. of - Dean drives
me home to Jenkins

Note: I am to make out my time and send
it to Ben Christian Pine River Minn

①

July 12-1926
Monday

91

Michener Survey

B.A. Michener -

Mable G. Michener his wife

Note: I am all paid up
See Page 7.

This is New Work.

Micheners Subdivision of Outlot "A" of
Myrtle Lodge Being in the
S $\frac{1}{2}$ Gov't Lot 1. See 6-137-27July 12-1926 Monday: Meet Co. Commissioners at Ed
Michener Calls - Phones from Paris River
and I promise to come "Tomorrow" Tuesday to
plot his land - at Trout Lake or rather Island Lk.July 13-1926 Tues. With Town Board - Eagle Lake
Allen TripJuly 14-1926: Wed.
Harold and his Ford "Tudor" takes
Alma Reed and I: Lr Jenkins with big
lunch @ 8 a.m. ar 9 a.m.Harold - Bert Michener & I cut brush
and check lines: Eat on own lunch and all
go back to Jenkins for mts - one day

July 15-1926 Thurs

Harold and my car takes Preston Newman
and works for Michener Bath Board with
Michener. Alma Reed and I take
Harold's car go to Brainerd and copy map
and dedication of Myrtle Lodge see 19V.M. Baker pays me \$100. on acct of \$350 total
But due for platting Beverly Beach \$250 to be paid
to Harold & cons for work "See Baker Field Book.

92

Time Sheet
BAMichener

1926

July 1926 12 13 14 15 16 17 18^{SUN.} 19 20 21 22 23 24

@ 83 and 4/5							
John W Curo	-	-	1	1	1		1
and George EAF	-	-	-	2	-	2	
Cor	-	-	-	2	-	2	
@ 83 and 4/5							
Harold Curo	-	-	1	1	1	1	1
Cor	-	-	2	2	2	2	
@ 83 1/2 owner							
B A Michener	-	-	1	1	1	1	
@ 83 and Board.	-	-	-	1	1	1	1
Preston Newmona	-	-	-	1	1	1	1
Curo Expense	-	-	-	-	-	-	

Board Sheet

July 1926 12 13 14 15 16 17 18^{SH} 19 20 21 22 23 24

With B. A. Michener No pay

JWLuro	-	-	-	-	-	D B
HCuro	-	-	-	D	D B D B	
BAM	-	-	-	S L	S L	
				D	D D	
PNewman	-	-	-	D	D B D B	
				S L S L		
Williams Cook	4	4	4	4	4	² / ₇ B

12	13	14	15	16	17	SUN 18	19	20	21	22	23	24
----	----	----	----	----	----	-----------	----	----	----	----	----	----

with J.V.C. -

SWC	-	-	-	x	
Harold	-	-	-	x	
Reed	-	-	-	x	
Alma	-	-	-	x	

Wash out

July 15-1926 Cont'd

(3)

(93)

I file Plat of Beverly Beach at
Branford For V M Baker.

Copy plat of Myrtle Lodge
platted By I. P. Bobcock
VIZ:

Dedication

Myrtle Lodge:

So $\frac{1}{2}$ Gov't Lot 1, Sec 6-137-27--
Beg @ pt where E Line of said Lot
intersects the N. Shore of Island Lake;
Th N on said line 170. ft more or less to
I.M. which is N. $\frac{1}{16}$ Cor on E. Side of said
Lot; Th continue N on said E line
490 Ft to I.M.; Th West 1304.4 Ft
to I.M. on W. Line of said Lot 1.; Th
So along W. Line 1700 Ft more or less to
N. Shore of Island Lake; Th NE $\frac{1}{4}$ across
said Island Lake 1750 Ft more or less
To place of Beg = 23.27 ACRES more or less
dry land at this line. January 2-1923

B A Michener

Mabel G. Michener his wife

Ivers P. Bobcock

Ass C. Surveyor

94

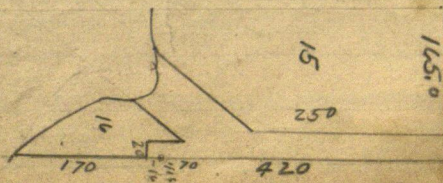
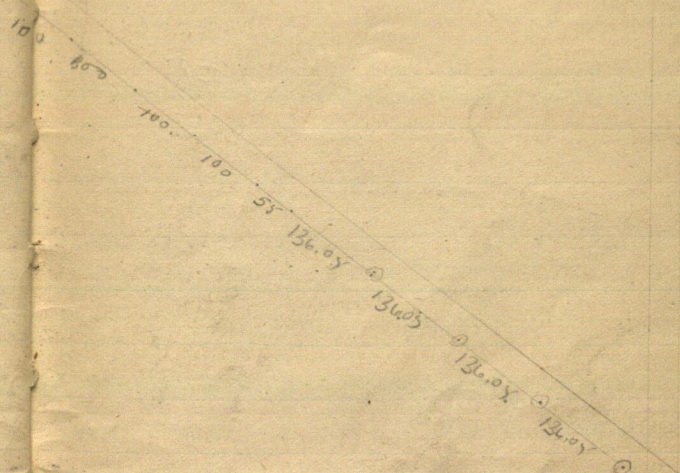
(7)



100

5

95



96

July 16-1926

⑥

B.A. Minkner

218

Sept-

(7)

97

Sept 12. 1926 Sunday

Bert Called at Jenkins and
wants road changed

Sept 13-1926

Tues Alma and I
drive to Michener camp but it is
too wet to work

Sept 19-1926 Sunday

Michener calls at Jenkins
meets O M Baker and wants me at
Myrtle Lodge Monday at 2 PM

Sept 20-1926 Monday

Alma and I L. Jenkins

1-10 PM at Michener camp 1-5 8
wait until 258 Then till 3.48
and find Bert Michener who has been
here all the time

W 2.1 N 1/4 = 3 x 3 ccm run
but none

Ch N on sec line 166. ft set vault
T line west 32. ft acc at road
then on S 24° 45' W to first top pole
at 67 N Ely from SEC on Lot 15
Traunt telegraph and run
N 24° 45' E 79. W T.

To opt 71.6 ft of stake 166 and
67. ft no of Harold's stake 33. ft E
of SEC on Lot 17. of New Plot of
Michener's subdivision of our lot
H... From stake 67 Ely of SEC on
Tm of Lot 15 Ch. N 24° 45' E 218

Sept 20-1926 {Michener}
Coolie
roughed by Alvin W. Coale & I
To what stake + line E 33 ft 10 ft 166
N of 1/16 cor

Margaret Clark Coole and
Charles W Coole, her husband
also 100 ac by 166 ft long
N + S + ? To lake
216 E Winifred St,
St Paul.

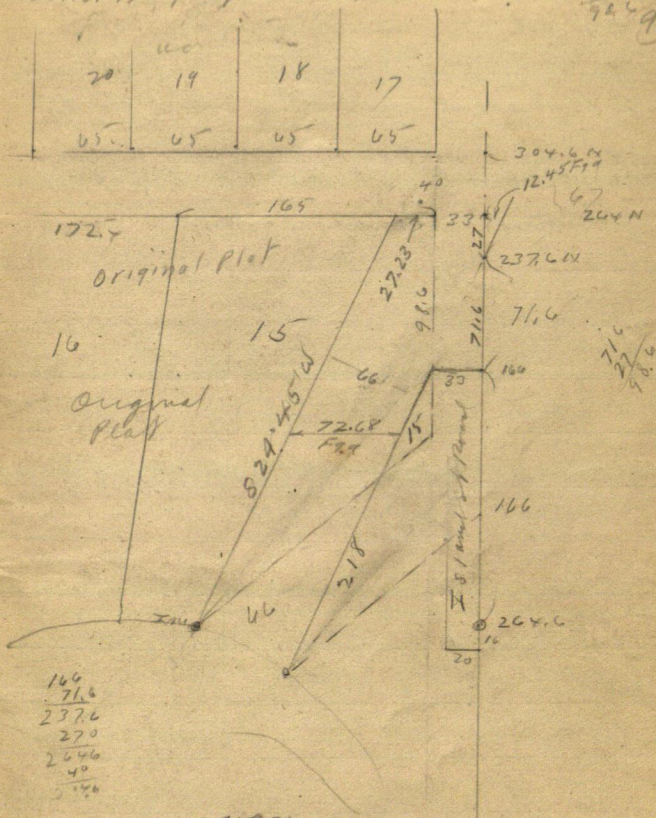
John W. Coole

Sept 21-1926 - Tues
I work for Baker at E. Twin Lake

Sept 22-1926 Wed
Figure in map showing a road Myrtle
Lodge From 1/16 H in sec line =
 $166 + 71.6 = 237.6 + 67 = 304.6 - 40 = 264.6$
Note: From apton sec line 33 ft E
of NE cor Lot 15 Myrtle Lodge
it is 264.6 ft so to 1/16 cor
chained by me Sept 20-1926 JWC
Note: Babcock's plat shows it more?
370 scaled.

Nicheners Subdivision of Outlot A of Myrtle Lodge

71.6
22
92.6 99



$$\text{Tang} = 4610 \times 27 = 12.447$$

$$\begin{aligned} &24^{\circ}45' \\ \text{Sin } 9081 \text{ in } 6600 &= 72.68 \\ &- 12.45 \\ &60.23 \\ &- 33.00 \\ &27.23 \end{aligned}$$

all of the land owners of Myrtle Lodge for a change in
part of Island Ct as follows

To close all of that part of Island st lying S of a
pt 98.6 ft So of N^W Cor Lot 15 said pt being
106 ft N of a cement post set for the US 4th Co
- All in Myrtle Lodge according to the plat
thereof on file in the office of the Reg & Lands Com
Wing Co Minn
and in lieu of said closed street to open
a new street bounded as follows:

March 23-1928 Friday

W. E. G. Watson (Attorney) telephones me
w/pts to Jenkins asking if I will be home
Sat or Sunday as he wants to see my
Field notes of Christian Surveys
Page 68. This Book.

March 24-1928 Sat

March 25-1928 Sunday

4 P.M. Mr. Watson with Mr. W. O. Derr-
inger calls at my office and partly copy my
notes. Mr. Watson is accompanied by a
lady and two men.

Address

W. E. G. Watson, Attorney at Law, 7th
Floor Thorp Bldg W/pts Tel Main 5534
Mr. W. O. Derringer (C.E?) same Bldg

Mr. Watson gives me a letter to his care-
taker Harry C. James and wants me to
go to his place and survey lake shore
I promise to go

March 26-1928

March 27-1928

March 28-1928 Look up field notes
and record survey outfit

Recorded in Book (217)

102.

(2)

March 29-1928 Thursday

Lv Senhies alone in my Ford 10-am
via Piquet - Cross Lake and to Watson
cottage so end of OK lake

Arrive 11-30 AM and as Harry C. James
is in Beainer with Berg I
work alone till they get back
Dinner with James 2-PM.

March 30-1928 See Line on Mendian
Hony & I 10-20 AM

Town $1/4$ Bet H-5-137-27
BS S on Hub 1520 N. Take point
for stake on seawall
10" Dead Pop S $26^{\circ}05'W$ - 124.5
on seawall 3 ft from trunk and
6 ft from edge of ice

2646.3
436.8
2209.5

2" Birch stake on sloping shore
6 ft from ice base 2
S $24^{\circ}25'W$ 188.7

$1\frac{1}{2}$ Birch stake on seawall 3 ft from
Brink & 6 ft from ice base
S $21^{\circ}45'W$ 258.

$2\frac{1}{2}$ Birch stake on seawall 3 ft from the
Brink & 6 ft from ice base
S $15^{\circ}20'W$ 318.7 W brok chain
Hub on line 6 ft from water
South 8.8 ft

2" willow stake on slope 3 ft
from seawall 6 ft from ice
N $51^{\circ}E$ 60.

Recorded in Standard Field Bk 217

③

103

~~N still @ 1/2 cut 45-
4" dead oshon brick 3/4 wa
6 ft from waln bear
N 42°E 915~~

2646.3
604.3
2042.0

~~S 77°52'E about 80 rods. to two
lall Norway Pine using south
pin which is the tallest~~

~~81.9 From 1/4 ch N 81.9 To spike
on line From 1/4 ch
South on sec line @ 15. Net
16. edge seawall 27. in 50 m
50.00 + 265.2 = 315.2 Spike on
265.2 in on line with ditch
315.20 + 93.6 = 408.80 spike
93.60 on seawall 8 ft 80
408.80 7 ft + 28.0 =
28.00
436.80 436.8 spike on line S
41.50 + 41.5 = 478.3
478.30 spike on line + 175.7
125.70
604.0 foot of N side bright
run on SW~~

A S 89°E 89 ft ch 1 2' h
B S 58°07'E = 58°05'
C S 47°56'E = 47°55'
D S 32°01'E = 32° +
E S 21°06'E in & Lap. in 21°05'
F S 16°25'E 300 + 25 + 5 = 554.5 ch
G S 6°41'E 300 + 149 = 449 ch on line
H South 408.8 on line and for stake

Recorded Std Bk 217

Buy @ 1/4 Ch S 89° E 4

East on line

@ 25 E. line 3-6-

841.5 Pt A + 27.5 =

27.5

869.0 Bank 841.5 + 38.2

38.2

879.7

879.7 Birch & Lake on bank side
hill pt. for lat. stake

879.7 + 64.0 =

64.0

943.7 Spiked Birch stake
on top of hill on line?

Note: The above line should have been
run 0.11' further N

March 31 1928

From ch S 64° E 300 ft. 149

- 149. = Sta C 6 ft from bank

from 1/4 Ch S

S 16° 25' E 300 + 254.5

554.5 Sta E 6 ft from bank

From ch S 21° 06' E 300 + 600

@ 600 ft. 600 R.

@ 28 ft. 35 ft. pt. for lat. stake

on hill bank from 1/4 Ch S 29. ft. R.

From 4 ft. R.

From 600 ft. 521° 06' E

@ 696 ft. 18 ft. R. pt. for

stake on hill bank 25 ft. R.

Note: This must be 774 about?

Continued S 21° 06' E 600 + 106 = 706

@ 700 ft. 37 ft. R.

pt. for stake on hill bank 44 ft. R.

Continued S 21° 06' E 600 + 294.5

694.5 To Sta E. on line in Bay

874.5

From 126

⑤

~~558°05' 300 600 119.7 105~~
~~= 719.7 (D) 4 white sections plus 100~~
~~119.7 105 100 100 100 100 100 100~~

~~900.0~~

~~76.5~~

~~823.5~~

From 1/2 in S 47°55'W

823.5 / 1/2 T.C.

From 1/2 in S 32°E 301 600 119.7

+ 272.5 = 872.5 "D"

VA @ 1/2 Cor 6°5'

Tower "B" BS on 1/2 Cor N 58°05'W

A bears N 32°14'E 432.3

C " S 0°06'E

D " S 22°25'W

E " S 32°27'W

F " S 71°33'W

G " S 83°18'W

1/4 in N 58°05'W V. reads 7.153

From A in S 32°14'W 119.7

@ 15 - Foot 1/2 15.1 3

@ 60 " " " 10.1 2

@ 205 " " " 34.1 1

@ 285 " " " 15.1 0

335 To 390 = Foot 1/2 11.1

@ 432.3 Foot 1/2 4.2

From B in S 30°06'E 119.7

@ 15 - Foot 1/2 15.1 3

@ 60 " " " 10.1 2

@ 205 " " " 34.1 1

@ 285 " " " 15.1 0

390 To 445 = Foot 1/2 11.1

@ 445 Foot 1/2 11.1

@ 445 Foot 1/2 11.1

@ 445 Foot 1/2 11.1

@ 445 Foot 1/2 11.1

@ 445 Foot 1/2 11.1

@ 445 Foot 1/2 11.1

@ 445 Foot 1/2 11.1

Copied in Standard
Field Book 217

194 = 129.8 194.1 117.7
 From "A" to "B" 239.8 T-D
 @ 40 foot of hill 7' L 10' W 16 L
 @ 60 " " " 15 L " 10 L
 @ 100 " " " 12 L " 8 L
 @ 200 " " " 7 L " 14 L
 210 " " " 6 L " 0 L
 220 to 239.8 = Foot, incl 3' R

From D to 169.6 to E

From E to 185 0.1/4 Cor

N 21° 05' W V 100 750

B to N 32° 22' E

C to N 45° 37' E

D to N 55° 58' E

From E to 185 0.1/4 Cor

N 21° 05' W V 100 750

N 45° 15' E 128 + 4 = 132.5 ft. in

N 60° 50' E 115 + 4 = 119

From E to 185 0.1/4 Cor

5" P of 8 34° 30' E 117.7 + 4 = 121.7

10" P of 8 34° 30' E 117.7 + 4 = 121.7

8" P of 8 34° 30' E 117.7 + 4 = 121.7

10" P of 8 34° 30' E 117.7 + 4 = 121.7

10" P of 8 34° 30' E 117.7 + 4 = 121.7

10" P of 8 34° 30' E 117.7 + 4 = 121.7

10" P of 8 34° 30' E 117.7 + 4 = 121.7

10" P of 8 34° 30' E 117.7 + 4 = 121.7

10" P of 8 34° 30' E 117.7 + 4 = 121.7

Copied in standard 33 146
 Field BOOK No 217.

~~check 44 2100~~
~~1 mile from corner of~~
~~N 39° 35' W 129.2 + 36.133~~
~~about N 26° W 199.3~~

~~Rock road to 2 pik corner~~
~~2152.8 2.4 x = 2381.10 N~~

~~S 36° 55' W 66.6 = 1185.6~~
~~@ 66.6 7 pik = 1185.6~~
~~1851.6 " " " "~~
~~5 pik~~

~~to top of hill~~
~~about 5 ft higher S 78° W 71.1~~

~~N 84° 16' W 84.55~~
~~to~~
~~N 51° 40' W 121.8~~
~~N 28° 40' W 163.2~~

2331.1
 2168.0
163.1

2646.3

3151.0
 315.2
 163.1
 478.3
 2168.0
 2646.3

2237.5
 2209.5
 2168
41.5
 2168.0
69.5

W 204 205 207 1 mile
 210 feet 2200

@ 2168.00 N to 490
 work 105.8 pik corner
 @ 107 2168.00 N 110 feet 130
 2000 500 600
 5 pik

Supper then home to park
 left at 8:10

April 1-1928 (8)

at day in office making plat
for Henniger & Watson

967.
688.4

1655.4

April 2 1928 Monday

Went to school to school at 8:30

~~3:00 PM~~
~~2:50 PM~~

~~on road 1:20~~ Road to L

L. above & Carrie. Farming at
home - pulled for Watson

The Needles" Tel 55122

at 4:40 PM and go out and
work till 6 PM

Supper with in college

Was in the showing foot

April 3-1928 Tuesday

Colder & wind. Frier

Free 105

N 45° 28' W 1200.7

N 53° 15' W 1200.7

23° 28'

S 33° 52' W 49' W 700.7

36 32

99 60

S Runnier S 28° 05' W

~~35.2~~ 23° 28' W

Rf SW 480.2 - creek 480.

300.0

600.00

243.6

56.4

56.4

Copied in standard Field
Book No 217.

Acorn 105 Run 9 107.2 109

S 26° 49' W @ 600 white oak
@ 650.4 Tall white Birch
stake

From 105 change in
S 28° 05' W 300.000 - 900 +

67. - 967 Huber in

Acorn 967 BSN 28° 05' E

Flag N° 600 N 7° 41' W

Huber N°

Tall stake, N° = 16° 09' W

80 rods?

Then high charter

stake on 6 N 32° 13' E 261

N 40° 05' E 187.7

check N 28° 05' E

2x2 oak line split

S 79° 20' E 107.2 to summit

line

3' p/p S 55° 30' E 134.4 to 4' line

2' W Oak S 40° 05' E 116.4 to

stake in wet slope

S 38° 35' E 237.5

Stake S 38° 35' E 267.5

7' 10'

S 28° 05' W 300 + 25

550 + 138.4 = 688.4

2' Oak line to back

330.
138.4
688.4

⑩ Watson Survey

4-5-137-27

PM ~~from 967 m~~

~~BSN 28°05'E and run 2906?~~

~~S 59°01'W - 2676 606~~

~~S 54°08'W 361207-809~~

~~12" pop 1/4 from 15 ft from 6 ft in~~

~~S 35°12'W. 3-6-153.4-653.4~~

~~6" dead Pop stump from shore
leaf shaped 6 ft from foot Hill
10 ft from pt for stakes~~

~~from 967 BSN 28°05'E~~

~~2" pop 1/4 from Brink~~

~~S 24°16'W 300-200 + 189.3
= 689.3~~

~~4" Brink 2 ft from Brink~~

~~S 21°40'W 300-200 + 175.5
675.5~~

~~2" pop 1/4 515°54'W + 167~~

~~2 ft from Brink 300-200 + 167~~

667 Copied in Standard
Field BOOK N° 217

~~at 3-3 ft for bush~~

~~S 13° 09' 16" W 43° 0' 0" = 200 + 112.2~~
~~12 ft from water = 672.2~~

~~5" Oak low bush, sharp edge~~

~~S 8° 49' W 699.3~~

~~From 967 on S N 28° 05' E~~

~~SP. S 38° 32' E @ 237, spots~~

~~in so edge old pine stand~~

~~+ 301.3 To Hat =~~

~~237.0~~

~~To 538.3 white stake in~~

~~sample at edge of beach~~

~~= second low flat~~

~~sharp pt for tree~~

Copied in N: 217

$\begin{array}{r} 81.9 \\ 220 \\ \hline 235.20 \end{array}$ (12) $\begin{array}{r} 81.9 \\ 220 \\ \hline 235.20 \end{array}$ $\begin{array}{r} 81.9 \\ 220 \\ \hline 235.20 \end{array}$
~~after 3-17-28 center~~
~~T again ran 105 lat low~~
~~show line BS N 53° 15' W and in~~
~~2" Brick station 12' W of stump~~
~~15 ft from foot of big hill and in~~
~~new wall 1 ft from brick 10 from~~
~~water and S 17° 25' W 382.5~~

~~3" Brick 1 ft from brick~~
~~5 to bench 10 to water~~
~~S 14° 30' W 343. ft~~

~~3" oak 1 ft from bench 5 to bench~~
~~10 to water~~
~~S 12° 10' W 291.8~~

~~4" IPS 8° 05' W 209.5. on bench~~
~~5 from bench 10 from water~~

~~2" Brick station 1 ft 9 ft~~
~~2 and 18 from water~~
~~S 5° W 128.~~

~~show line south 50 ft 187.~~
~~water~~

Copied 419.7 in standard
 Field 90.3 in standard
 510.0 BOOK N° 217

~~81.9~~
~~220~~
~~235.20~~

to 105 BS N 53° 5' W

(13)

113

Station in at. end of ditch

N 23° 10' W 16.2

Station N 24° 45' W - 107.0

" " (2) N 30° 23' W 214.7

" " (3) N 33° 12' W 289.0

" " (4) N 36° 53' W 389.0

" " (5) N 40° 41' W 300 213 513

" " (6) N 43° 18' W 360 64.6 664.6

" " (7) N 45° 00' W 360 152.95 752.95

" " (8) N 47° 28' W 360 92.16 92.16

" " (9) N 53° 15' W 360 1118.00 1118.00

Station in E end of ditch

N 30° 38' E

2728.2

To 105 = Bridge 2

81.7

Bridge 2'S 44° W

264.5

Gate 4 S 20° 33' E

2728.2

Var 7° 10'

419.7 H 419.7

81.7

138.3 419.7 403

91.7

553.0 153.3 1600

173.3

419.7 573.0

168.3

598.0

0.021

0.003

0.014

0.021

0.014

0.003

0.014

0.06

0.014

0.003

0.014

April 5, 1925

(14)

~~From 8 P.S. 45.28~~

~~1127 bears S 53° 50' E 17%~~

~~2 off from back 6 legs~~

~~24.5 in back~~

~~S 62° 50' E 87% // 34.5 in. spot~~

~~1127~~

~~E 22° 40' S 100%~~

~~S 66° 20' E 67% with 10~~

~~568° 10' (37) P. 2 weeks~~

~~B. 1500 4 2 11.5 10~~

~~From D. 11 55° 28' 73.3~~

~~73.5 with 11.5 10~~

~~11.5 with 11.5 10~~

~~A @ 8) P.S. 805° 20' E~~

~~N 84° 10' W 36.15 // 100% with 6~~

~~6.5 with 6.5 10~~

~~2" V.P. N 81° W 128.5 // 87% with 6~~

~~Station on N side pt 11 68° 30' E~~

~~127.5~~

~~A 11.5 with 11.5 10~~

~~65.4 with 6.5 10~~

~~11.5 with 11.5 10~~

~~B. 5.5 with 5.5 10~~

~~11.5 with 11.5 10~~

~~N 37° 10' E 135~~

~~Topography~~

~~36° 10' N 12 E 5 2' 1/2~~

~~6 4 1/2 1/2 1/2 1/2 1/2~~

~~104 105 E 9 2 1/2~~

~~3' willow at foot of hill~~

~~62° 25 E 72 3~~

~~2' 1/2 h 585° E 92 1/2~~

~~1' 1/2 S 73° E 75 1/2~~

~~BS S 45° 28 E~~

~~Run N 81° 3 1/2 W 237.8 1/2~~

~~1/2~~

~~S 12° 58' W to stump 80 and S 100 E to~~

~~STG 17 1/2 W to where it appears to be~~

~~indicated by a line to the top of~~

~~the hill~~

~~Topography~~

~~S 11° 20' E to top of hill~~

~~3' 1/2 R 100° E 6 1/2 S 90° E~~

~~1/2 7 30~~

~~To N 9 BS S 53 15 E to the Rock~~

~~S 76° E 28 1/2 water 1 1/2~~

~~S 42° W 16 1/2 " 1 1/2~~

~~S 75° W 12 8 " 1 1/2~~

~~N 45° W 15 2 1/2 W 180 180~~

~~116 ft of land at 180 ft 1/2 rock~~

~~N 59° 30' W 9 1/2 7.8 10 1/2 ft 17 ft 2 ft 1/2~~

~~N 22° 10' W 14 0 to Rock 1/2 foot~~

~~1/2 38° E 36 1/2~~

~~1/2 46 30 E 65 1/2~~

~~From 9. BS 253°15'E~~

~~Station 8. 84°33'E~~

~~Station bankhead Lake 839.05 E~~

~~Station 11. 825°33'E Hike 3 ft away~~
~~and back line~~

~~1st Bushes 824°02'E~~

~~2nd " " 822°10'E~~

~~3rd " " 821°22'E~~

~~4th " " 819°30'E~~

~~2x2 white stake in the ground~~
~~815°62'E~~

~~Peak of 12° 45' 43" 114° 56' 09" W~~

~~What seen. to be swampy with Pine~~
~~Plum in the trees 89°35' W~~

~~Stake 7. 50°46'E~~

~~27 558°25'E~~

~~37 559°55'E~~

~~47 561°38'E~~

~~57 563°21'E~~

~~67 567°10'E~~

~~77 571°51'E~~

~~8 584°32'E~~

~~2nd Point Station N 75°30'E~~

~~" " " " N 69°17'E~~

~~" " " " N 62°50'E~~

~~" " " " N 57°14'E~~

~~Station Point 11. 56332~~

