

408

115-130-27

What's happened

Harold Curo

115-130-27

What's happened

Harold Curo

Memorandum

66
 50
 116

31	32	33	34	35	36
4	5	4	3	2	1
7	8	9	10	11	12

Cross Co
 Brown

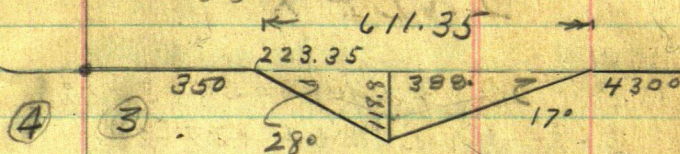
INDEX

Page	
3	South side Sec 34-136-29
5-9	between 344 135-29
10-12	E $\frac{1}{4}$ Line Sec 34-136-29
13-16	Kyllingstad Blix
20-30	Sec 4-135-29
30-32	E $\frac{1}{4}$ Line Sec 34-136-29
33	S $\frac{1}{4}$ " " " "
34-38	Sec 4-135-29. ("Pickett")
39	Sec 34-136-29
46-47	Ties to Cars 37-30-31
48-49	Carl Ryan
50-	Nisswa Sec 11-135-29
77	Pickett - Sec 4-135-29

136- May 2-1939 3

135-29

33



$$\begin{array}{r}
 4300.00 \\
 611.35 \\
 350.00 \\
 \hline
 5261.35
 \end{array}
 \qquad
 \begin{array}{r}
 388.00 \\
 223.35 \\
 \hline
 611.35
 \end{array}$$

See Book 56 Cans

$$\begin{array}{r}
 Pq 124 = 2637.27 \\
 u 110 = 2627.10 \\
 \hline
 5264.37
 \end{array}$$

$$\begin{array}{r}
 5264.37 \\
 2661.35 \\
 \hline
 3.02
 \end{array}$$

May 2-1939

Wilferd and Myself in my
car and J. W. Euro in his
car drive to the NW cor of
Sec 3 - 135-29

dig up I.M. and start
To take courses to new
B.T. and find plumbob
chain broke on the F/10e
start Wilferd cutting
line south between sec
3 and 4 135-29

I go back to Jenkins
to get another transit
J. W. Euro goes back to
get F/10e fixed

I eat dinner in Jenkins
get a nother Transit and
drive back to where
Miller is working.

I set π over old hub
on old cutout line back
site on Flag at NE cor
of sec 4 and run to
Harold Re

Copied in Book 236

6
between sets 3 & 4
do not chain work until
6:30 then drive back to
Jenkins

Copied Book 236

Harold Cure

135-29

7

May 3. 1939

Light showers in A.M.

Wilferd goes and picks house
logs

John W. Euro and I
drive in his car out to
Deleany's - to get a few
more measurements
get back to Jenkins around
1 o'clock J.W.E. has flat
tire.

P.M.

I drive out to the 80
and get Wilferd He changes
Tire for J.W.E. Then He
and I in my car drive
to the NW cor of Sec 3 and
chain S along road

South between 4+5 3+4
300 pin 600 pin 900 pin at
1000 the road starts to turn
W at 1040. 3 R.R. spike hut
@ 1200 pin @ 1230 enters
swp. N.W.S.E. @ 1323 L.

Harold

Book 236

8

Co. Line bet Sec 3.4
133.29

May 3.

sup NE 45 W

@ 1500 pin @ 1800 pin

@ 2068.75 S.R.R. spike hub

@ 2100 pin @ 2400 pin

@ 2700 pin

@ 2923.3 R.R. spike Hub

@ 3000 pin @ 3300 pin

@ 3600 pin

@ 3856.5 S hub R.R. spike

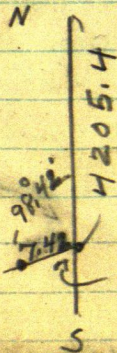
@ 3900 pin @ 4200 pin

@ 4205.4 S R.R. spike hub

From Hub 4205.4 the

S $\frac{1}{4}$ cor sets S $81^{\circ}18'$

W 7.42 ft.

 $\frac{1}{4}$ cor = 1 inch wood hub
between two flat irons
and a little W.

Harold Curo

Co Line bet sec 1
135-29 3+4

May 3, 1939 Cont.

bet 3.4 Take ties to S $\frac{1}{16}$ wood hub

J.P. 16 N $64^{\circ}35'E$ 2.515' To

flat spot at base.

J.P. 14 N $11^{\circ}20'W$ 67.55 ft

to spot at base

quit at 5-50 PM and
walk back to car.

Cont'd Page 20 to 30

Book 23

Harold Curo

10 135-136-29 Town Line
Sec 34

May 4-1939

Wilferd and I in my car
Lv Jenkins @ 7:45 AM

drive to NE cor Sec 3
check Flag then drive
W to top of hill where
we can see both the
NE & NW cors of sec 3
and work transit on
line and put in a
R.R. spike hub on line

Then we drive to
(W.P.) Twin Lake and
cut out Line on sea
wall until noon

drive back to Jenkins
ar. 12:50 do not go
back as J.W. Curo
did not get back from
Walker with plat
and notes

Harold J. Curo

136-29 II
Sec "34 E $\frac{1}{16}$ Line

May 10, 1939

Wilfred Miller and I in
my car 20 junkies @ 9-00
o'clock stop at Request and
cash check for \$3.00 Then
drive to E $\frac{1}{16}$ south side
sec. 34 136-29

and set R.R. spike on Line

0.90 south of spike 1313.09
do not move old spike set
a new one for $\frac{1}{16}$ and take
Ties

J.P. 5 N $47^{\circ}42'$ W 75.7 ^{Spot at Base}
Pop 12 N $42^{\circ}26'$ E 59.85 ^{Spot 3 ft up.}

Move Temp E $\frac{1}{16}$ S and
34 Backset on I.M. SE
corner 34 and Turn Left
 $89^{\circ}27'$ and Run
North on E $\frac{1}{16}$ Line
do not chain now

1st Hub

Hub
Ties

J.P. 10

Oak 5 N

5.55

spot at
Base

W 4.80

spot at
Base

Harold L. Curo

12

136-29 E 1/16 Line
Sec, 342nd Hub. Hub
Ties

Oak 5 S 38° 45' W 6.85 spot at Base

Oak 6 N 84° 26' E 10.35 spot 2 ft
up3rd Hub Hub
Ties

J.P. 6 N 60° 21' E 22.15 spot at Base

Oak 18 at ground 8" - 1"

1 ft up N 19° 48' W 5.00 to
spot at ground level

Set Hub No. 4

quit for nite 6:15

Cont on page
30.

Harold J. Curo

137-30

13

Blix + Kyllingstad

May 8-1939

Walden Twp

137-30

S $\frac{1}{2}$ NE $\frac{1}{4}$

Sec 34.

137-30

5283.7

5287.3

3A

2621.9 Mycham

2621.5

1310.75 1310.75

1310.95

5243.1

2621.5

90°

5300

Mycham

5280.55

89° 11' 15"

89° 27' 30"

14

137-30

see 34

LV Jenkins 9 o'clock drive in
 my car to Blix Kyllingstad's
 get Blix and one of his
 hired men Herman Wise
 drive to the NE cor of sec
 34 - 137-30 dig up I M
 and Blix & I chain W
 along road N side sec 34
 300 - 600 - 900 - 1200 min
 1500 - 1800 2100 - 2400 min
 2641.85 W spike temp N $\frac{1}{4}$
 not on line

2700 - 3000 - 3300 - 3600 - 3900
 4200 - 4500 - 4800 - 5100 min
 @ 5287.3 I M, set up
 high flag drive to $\frac{1}{4}$ E side
 sec 34 find I. M. drive to
 Blix's for dinner

P.M.

Blix - Herman and I drive
 to NE cor sec 34 - 137-30
 where we meet Elmer Olson
 who is to help.

Harold J. Curo

137-30

15

Sec 34

Put Herman & Elmer to
cutting fence line along
the road while Blix and
I go to the SE cor of sec
34 where we dig up I.M.,
try to turn angle but have
to guess where the line runs
as the road is off line
the angle is around 90°.
go to the NE cor and run
south along road to $\frac{1}{4}$
on E side sec 34,
at 415.6 RR spike hub
@ 300-600-900-1200-1300
1500-1800 - pins
@ 1934.1 RR spike Hub
@ 2100-2400 pin.
@ 2621.9 S. $\frac{1}{4}$ cor sets
west 0.90 ft

.000343

2621.9	90000
	78657
	<hr/>
	113430
	104876
	<hr/>
	85546

16

137-30

Sec 34

Line goes W. 000343 ft
for each foot South

Hub 415.6 S goes W. 14

Hub 1310.95 S " W. 45

To N $\frac{1}{16}$ cor between

secs 34-35 - 137-30

Hub 1934.1 S goes W. 66

2621.9 S goes W. 90 To

I.M. $\frac{1}{4}$ between Sec 34-35

π over I.M. back site

N on true line Turn L

$89^{\circ}27'31''$ and set R.R.

spikes

π over Hub 1310.95

back site N Turn L $89^{\circ}11'15''$

L + set R.R. spikes

After Supper

Blix - L. A. Wise

Clarence Anderson

Elmer Olson Work

until dark.

Harold J. Curo

20. Rec 4

81° 18'

$$\sin 98858 \times 7.4 = 7.33$$

$$\text{Cor } 1507 \times 7.4 = 1.12$$

4205.40

1 1 2

4206.52

287/59 ✓

2843 80

no. 593 / 32.14

$$542 \overline{) 32.14}$$

27 10

5040.

4 8 7 8

1620

1626

7.33

Book 236

135-29

Dec 4

21

Book 236

2334

66

14004

14004

1340.44 US

+ 2640

4180.44 U.S

Dec

420632 my ch.

4180.44 U.S ch.

26.08 Long.

.00624

418044)

2608000

2508264

997360

836088

1340.44

1612720

+ 00624

1672176

616176

308088

924264

9.6123456 Long N 40. sec 4

135-29

22

1540.44

1320

2860.44

X00624

1144176

572088

1716264

17.8491456

Book 236

286044

+ 1785

2878.29

5274.54

6228

3836.82

83.00

619.82

5274.54

6228

83.00

5419.82

135-29

24

0'20-

0058

1

~~29~~
~~509~~

2

538

3

4

5

6

7

8

9

0'30'

0087

135-29

25

135-29

4 3

2843.80

2875.94

51039.5

5419.82

Book 236

26

135-29

0.00174

$$\begin{array}{r}
 4.206 \overline{) 7.330} \\
 \underline{4206} \\
 31240 \\
 \underline{29442} \\
 17980 \\
 \underline{16824} \\
 1156
 \end{array}$$

$$\begin{array}{r}
 3 \overline{) 7} \\
 \underline{6} \\
 13 \\
 \underline{9} \\
 4
 \end{array}$$

$$\begin{array}{r}
 733 \\
 267 \\
 1000 = 0.001
 \end{array}$$

$$\begin{array}{l}
 0.01 \\
 10' = 0029 \\
 20' = 0058
 \end{array}$$

$$\begin{array}{l}
 0.01' = 2.9 \\
 2 = 5.8 \\
 3 = 8.7 \\
 4 = 11.6 \\
 5 = 14.5 \\
 6 = 17.4 \\
 7 = 20.3 \\
 8 = 23.2 \\
 9 = 26.1 \\
 10 = 29.0
 \end{array}$$

Book 236

135-29

27

Book 236

$589^{\circ}39'E$

$87^{\circ}54'$
 88°
on True
Line

$68^{\circ}39'$

$4206.5-2$

0.061

7.33

True Line

28

Copied from
Book 56

Ties to $\frac{1}{4}$ between
sec 3 & 4 - 135-29

J.P. 10 S $28^{\circ}03'W$ 42.10
to 20th spike at flat spot at
Base

J.P. 10 N $71^{\circ}32'E$ 32.43
to spike head - this tree
is marked $\frac{1}{4}$ S Not 45

30

136-29

E $\frac{1}{16}$ Sec 34

Contid from Page 12.

May 11-1939

J. W. Curo & I figure
corrections and angles for
Sec 4-135-29

Wilfred comes over and
waits for me.

Wilfred and I in my car
pick up his lunch
and drive to R. C. Picketts
tell him we have been
working on his lines.
He said J. W. Curo was
to come and see him to
fix the price it was to cost
him. He wants to see J. W. C.
Wilfred and I then drive
to W. Twin Lake to cont.
E $\frac{1}{16}$ line we started
yesterday in Sec 34-136-29
We left Jinkens about
10-45 get to East Twin
Lake 11-30

Harold J. Curo

136-29
E $\frac{1}{16}$ Sec 34

31

May 11-1939 Cont'd

Ties To

4th Hub Hub

J.P. 4 S $39^{\circ}02'E$ 9.85

spot at
Base

J.P. 5 S $46^{\circ}30'W$ 8.72

spot at
Base

Ties To

5th Hub Hub

J.P. 10 S $61^{\circ}30'E$ 12.30

spot at
Base

J.P. 10 S $12^{\circ}50'W$ 16.05

spot at
Base

Ties To

6th Hub Hub

Burch 4 N $74^{\circ}34'E$ 12.35

spot at
Base

Burch 3 N $19^{\circ}06'W$ 15.6

spot 2 ft
up

32

Sec 34
136-29

May 11-1939

chaining

North from E 1/4 south
side sec 34

13 N shoulder of highway

@ 262.7 N Hub No 1

274 N old road NW-SE

@ 300 N pin

@ 493.60 N Hub No 2

@ 600 N pin

@ 702.6 N Hub No 3

@ 900 N pin

@ 1072.2 N Hub No 4

@ 1200 N pin

@ 1283.00 N Hub No 5

@ 1500 N pin

@ 1541.8 N Hub No 6

@ 1669.50 N Hub on seawall

30 ft from water edge.

H. J. Caro

See 34-136-29

May 11-1939

33

We go to S $\frac{1}{2}$ on N & S $\frac{1}{4}$ Line
find I.M. then we walk West
to turning point of street
where plat shows a I.M.
Welpud + I find a lot stake
but no I.M. We cut out fence
line E to S $\frac{1}{4}$ I.M. so as
to run the S $\frac{1}{2}$ line on E
thru these two points
cut brush until 6.30
quit and drive back
to Jenkins

34

135-29

?

May 16/1939

Wilfred and I in my
car. Loe. Jenkins @ 9.02
and drive to the NE Cor of
Sec 4 where we check
Back it. Then go south
to hub 2923.3 S bet. 344
⌞ over hub 2923.3

chain N 45.02 and put
a R.R. spike on our random
line 2878.28 S

⌞ over 2878.28 S back
site Nori flag at NE cor
sec 4-135-29

Turn L 90° and chain
W 5.00 ft and set R.R. spike
for True 1/4 cor between
sec 34.4-135-29

old oak hint set by J.W.
Curo for the 1/4 sets

N. 40 of a foot of my R.R. spike.
⌞ still on hub 2878.28 S

on our random line
Harold Curo

May 16, 1939 Cont

Backsite on NE corner
4-135-29

Turn L $87^{\circ}54'$ and run
West cut brush until
noon

P M

Continue cutting brush
West until we get on
top of ridge. Check angle
and set hub

$87^{\circ}56'$ cuts N of R.R.
spike $\frac{1}{4}$ cor I just set
20. I take Transit to hub
on ridge set my hub 20 ft
N. south. backsite on $\frac{1}{4}$ cor. R.R.
spike between sec. 3 & 4.

135-29 and continue E
line West. thru sec 4.
135-29

Ties To Hub $742.80 W$.
1st Hub No chain with me

J.P. 75 $82^{\circ}10' W$ 21.5

J.P. 7 N $0^{\circ}47' W$ 25.85

Harold Curo.

36

Acc. H 135-29

Cont'd

May 16-1937

Ties to 973.9

2nd Hub

Hub 973.9 supg. 40

J.P. 4N 25° 17' E 10.8

J.P. 8S 78° 20' E 23.95

Work until 7-

Harold J. Curo

Pay Wilfred \$1.00

Sec 4-135-29

37

May 17-1939

Wilfred and I Lu pinkens
at 8 o'clock drive in
my ford to E+W & Sec
4-135-29 and continue
E+W & West.

Ties to Hub 1456.80 W

3rd Hub

Hub 1456.80 see pg 41
no chain

J.P. 7 S 1° 33' E 28.9

J.P. 6 N 87° 53' W 56.96

Ties

4th Hub see pg. 41

Hub 1581.3 No chain

P.O. 3 S 15° 10' E 7.85

Oak 5 N 46° 50' E 10.3

Ties to Hub on top of brink

5th Hub see pg 77

Hub 1898.2 No chain

Nor P. 10 S 59° 10' W 6.86 + 5' = 7.35

Brick 5 S 53° 18' E 5.30

HJC

38

Sec 4-135-29

Cont'd

May 17, 1939

set Hub at foot of
hill on path around lake
shore do not set up ~~it~~
for ties. No chain

11-30 go to dinner

Sec 34-136-29

See pg. 33 this book

39

May 17-1939

P.M.

Wilfred and I leave Picketts
Sec 4-135-29 drive
to S $\frac{1}{16}$ sec 34-136-29

Move I.M. $\frac{1}{16}$ Center of
S.W. $\frac{1}{4}$ sec 34-134-29

back sit on Turning Point
of road or lot stake
and continue S $\frac{1}{16}$
line E No chain

@ intersection of our
E $\frac{1}{16}$ line I have

Wilfred put in two R.R. spikes
hubs one each side of line
for string intersection
will see how they are
when I get there

Everything O.K. continue
line to lake quit for site

HJ Curo

Sec 4 - 135-29

May 29 - 1939.

Wilford. J.W. Curo and
I in his car drive to
where E & W $\frac{1}{4}$ Line see 4
crosses road

Wilford and I take ax.
chain, plumbob and
pins and walk E. on
E & W $\frac{1}{4}$ Line to the $\frac{1}{4}$
cor but see 3-4-135-29
and chain "

West from $\frac{1}{4}$ R.R. spike
between 3-4-135-29

300 pin and stake

600 " " stake

742.80 W R.R. spike Hub

900 W pin + stake

Ties To Hub 742.80 see page
35 this book

@ 973.90 Hub N=2
see page 36 this book.

1331

1456

75

41

973.9

140

1113.9 stake W

+ 2275.1 = 1389 + 67.8

1389 + 67.8 = 1456.8 Hub No 3

Ties to Hub 1456.8 see page 37

1456.8 + 74.5 =

1531.3 W R.R. spike Hub

of road.

From 1389 W chain back

E 33.06 to 1355.94 W

→ set hub for True $\frac{1}{16}$ center

E Half sec 4 - 1355.29

RR spike in deep hole foot
of big hill.

Plot P₉ 41-76-80.

Ties to IM @ $\frac{1}{16}$ see

page 77

42

$$\begin{array}{r}
 1389.0 \\
 1363.94 \\
 \hline
 33.06
 \end{array}$$

$$\begin{array}{r}
 1393.26 \\
 \hline
 2786.5
 \end{array}$$

$$\begin{array}{r}
 278.65 \\
 \hline
 2165.73
 \end{array}$$

$$\begin{array}{r}
 278.65 \\
 2637.87 \\
 \hline
 95424.37
 \end{array}$$

$$\begin{array}{r}
 95424.37 \\
 \hline
 2712.785
 \end{array}$$

$$5274.34$$

$$263.727$$

$$2786.5$$

$$95423.77$$

$$92711.885$$

$$1355.94$$

87°40

41

42

43

44

45

46

47

48

49

87°50

99929

877

699503

699503

799432

87637733

1926

6838

5157

25785

1926

45045

1326

9282

6838

6630

2080

1326

7540

6630

9100

1926

516

2442

1082

1926

2958

378

877

2646

2646

3024

331506

5157

20628

5157

335

25785

25785

283435

1926

4762

2063

1926

3989

5157

30942

1926

5020

1547

1926

3473

5157

10471

1926

4473

44

1327.15

$$\begin{array}{r}
 5757 \\
 \underline{65} \\
 25786 \\
 30942 \\
 \underline{333205} \\
 1926 \\
 \underline{5278}
 \end{array}$$

$$\begin{array}{r}
 132410 \\
 \underline{132715} \\
 265125 \\
 132562 \\
 \underline{132715} \\
 265277 \\
 132638
 \end{array}$$

$$\begin{array}{r}
 5492 \\
 28438 \\
 \underline{726482} \\
 13241
 \end{array}$$

13241

132562

132638

132715

46 Ties to Corners

Sec 30-31-T 137-30

25-36 T 137-31

N 1/4

Rangeline

I M & E & W road

bent over dig around
to straighten it up

mark Ties using
road E for base

over NW corner 31

T-137-R-30

W. Oak 8 N 19° 46' E 31.3 ^{spot at} Base

twine R. Oak each 4"

fork about 1 ft up base

10" N 65° 30' W 89.2 ^{spot at} Base

3rd N of
G.P. New F.P. 4 S 65° 06' E 58.0 ^{spot at} Base

Cor F.P. 10 S 0° 30' E 24.5

3rd from
comp. F.P. (2) ^{cotton wood} S 69° 46' W 61.6

137-31

NE Sec 33

over I M side E on E road
Ties

UP 6 N 53° 15' E 57.6

" 14 N 46° W 66.1 ^{old blaze}

NP 10 S 64° 54' W 67.25

Survey May 27-1939

562

47

JP 5 S 47° 30' E 373

Var. 7° 30'

June 1, 1939

Carl Ryan wants me
to go help him chain
and set some 10 acre lot
stakes 2 1/4 mile

SE of Jenkins

Work from 9 to 11-30

P.

1-hr.

June 12-

2 1/2 hrs

50

Nisswa Sec 11-135-29

June 6/1939

Wilford and I in my car
L. J. J. 7 o'clock drive

to the cor to sec. 1-2-11-12-135-29
and chain South @ 300 stake
at 521.2 S (old) hub not on our line
@ 600 S stake @ 900 stake
@ 901 center old road NE
and SW 944.6 S Hub
@ 1200 stake @ 1330.80

IM $\frac{1}{16}$ cor sets E 1.70 E and N 0.10 ft.

135-29

cor to 1-2-11-12

11

12

1330.80

1.7

IM $\frac{1}{16}$

90°

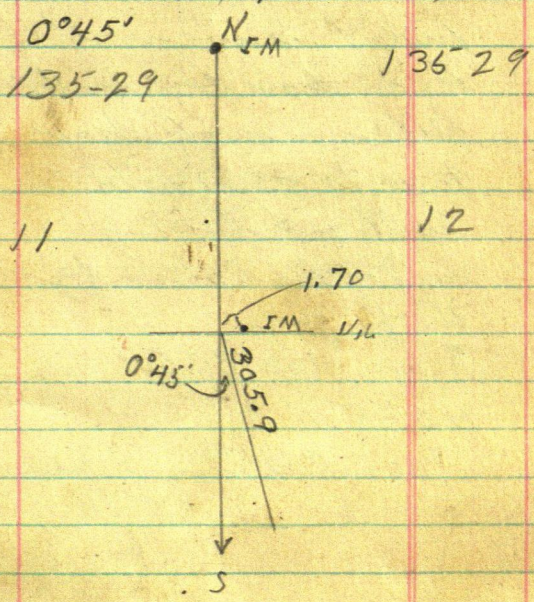
0.10 ft

Over Hub 1330.80 S Turn
90° to E. and hit the south edge
of IM 2 x 9 pipe

$\frac{678.8}{521.2}$

Nisswa See 11135-29 ⁵¹

June 6-1939 Cont
 as there are too many
 trees in line will have
 to Turn from Hub 1330.8
 over Hub 1330.8 OS back into
 N and Turn L on run (SE)



305.90 ft to Hub

George Raman arrived
 around 9 o'clock

52

Nisswa
See 11-135-29

June 6 1939
as we are going to swing
our line west from
but 305.9 to hit the
open field we will have
to go to the $\frac{1}{4}$ cor and
find it so we will
know how far in the
field we will have
to go to see the $\frac{1}{4}$
without hitting
any of the houses by
the $\frac{1}{4}$ cor.

Move Hub 305.9 back site
N O. 45' W

Turn R. 14° and run

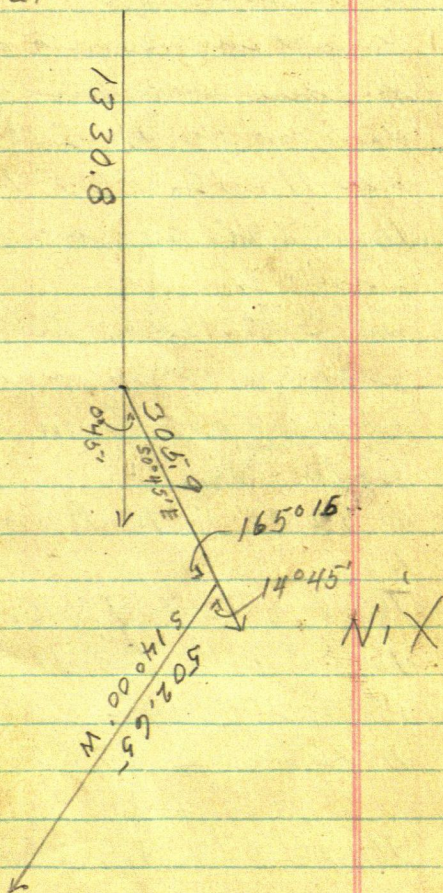
Nisswa

Sec 11-135-29

53

June 6. N

16.5
1.5
180



Misswa

54

Sec 11-135-29

June 6 1939

John W Curo comes and
changes everything

We find the $1/4$ I M bet
secs 11 & 12 - 135-29

from this cor we run
a line N

at 300 - 600 - 900 - 1200
pins will put in P.R. spikes
at these points on line
later

@ 1270.4 N P.R. spike
Hub

π over hub 1270.4

N $1/16$ I M bet 11-12

135-29 sets

N $26^{\circ}20'$ E 67.55

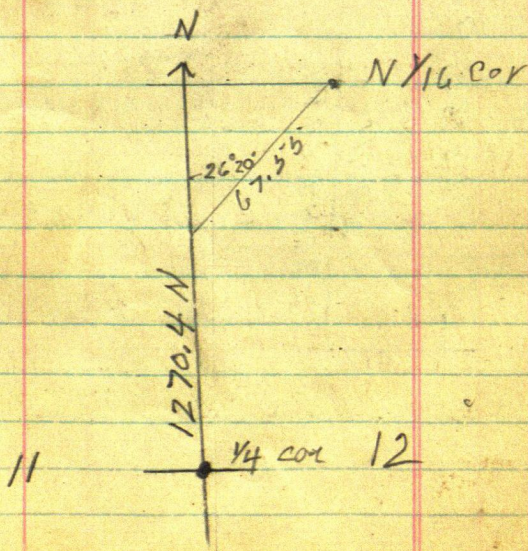
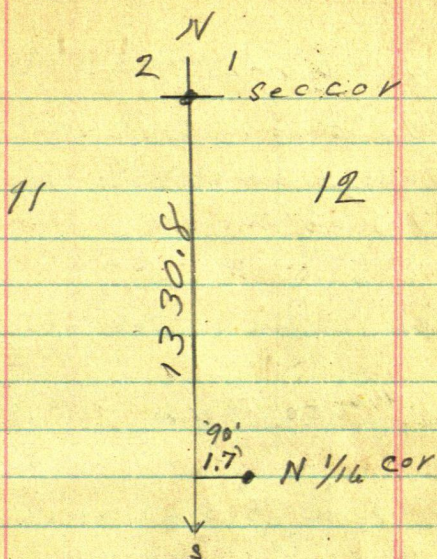
My hub 1330.8 5 from

I M cor to 1-2-11-12-135-29

sets N $25^{\circ}01'$ E 66.75

NiSSwa 135-29 sec 11

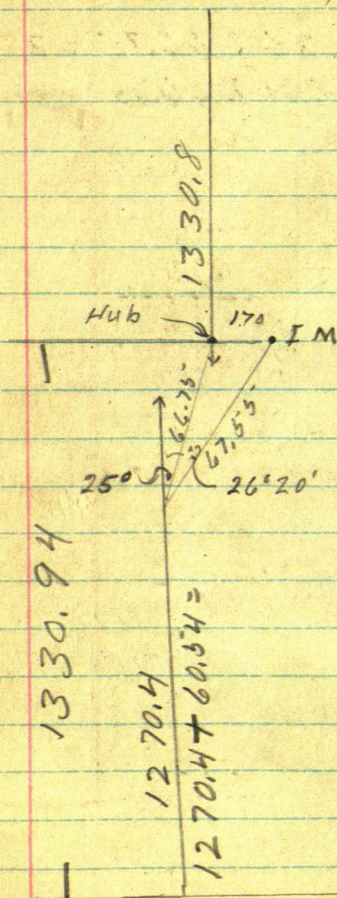
55



56

Nisswa
Sec. 11-135-29

June 6-1939



NiSSwa

Sec 11-135-29

57

June 6 - 1939

$$25^{\circ} \text{ Sine } 4226 \times 66.75 = 28.21$$

$$\text{Cos } 90631 \times 66.75 = 60.50$$

$\begin{array}{r} 4226 \\ 6675 \\ \hline 21130 \\ 29582 \\ 25356 \\ 25356 \\ \hline 28208550 \end{array}$	$\begin{array}{r} 90631 \\ 6675 \\ \hline 453155 \\ 63441.7 \\ 543786 \\ 543786 \\ \hline 604961925 \end{array}$
---	--

$$26^{\circ} 20' \text{ Sine } 4436 \times 67.55 = 29.97$$

$$\text{Cosine } 89623 \times 67.55 = 60.54$$

$\begin{array}{r} 4436 \\ 6755 \\ \hline 22180 \\ 22180 \\ 31052 \\ 26616 \\ \hline 29965180 \end{array}$	$\begin{array}{r} 89623 \\ 6755 \\ \hline 448115 \\ 448115 \\ 627361 \\ 537738 \\ \hline 605463365 \end{array}$
---	---

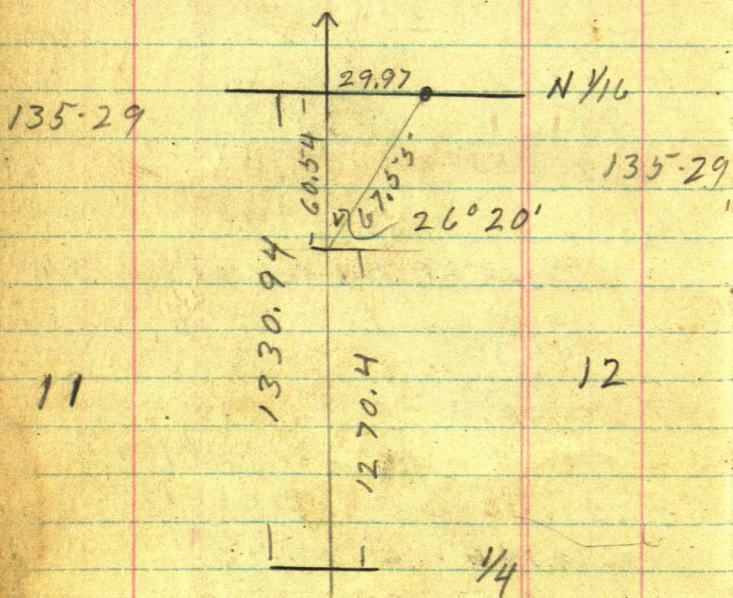
$$\begin{array}{r} 12704 \\ 6054 \\ \hline 133094 \end{array}$$

58

Nisswa
Sec 11-135-29

June 6 1939

@ 1330.94 N-N $\frac{1}{4}$ lot sec
11-12-135-29 into
E 29.97



bet 11-12 135-29 59
 N from $\frac{1}{4}$ to N $\frac{1}{4}$ IMS
 Corrections

$$\begin{array}{r}
 .022517 \\
 1331 \overline{) 29.970} \\
 \underline{2662} \\
 3350 \\
 \underline{2662} \\
 6880 \\
 \underline{6655} \\
 2250 \\
 \underline{1331} \\
 9190 \\
 \underline{9317}
 \end{array}$$

Each Ft. N goes .022517 E
 300 N goes E 6.75 To True Line
 600 N " E 13.5 " "
 900 N " E 20.265 " "
 1200 N " E 27.02 " "
 1270.4 N " E 28.60 " "
 1330.94 N " E 29.97 " N $\frac{1}{4}$ IM

$$\begin{array}{r}
 \text{bet 11-12-135-29} \quad 22517 \quad 14 \\
 \quad \quad \quad 113309 \\
 \quad \quad \quad \underline{22517} \\
 \quad \quad \quad 127 \quad 202623 \\
 \quad \quad \quad \underline{157619} \quad 67351 \\
 \quad \quad \quad 45034 \quad 22517 \\
 \quad \quad \quad \underline{22517} \quad 999678723 \\
 \quad \quad \quad 2859659 \\
 \quad \quad \quad 270204
 \end{array}$$

60

Nisswa

Sec 11-135-29

June 6 1939

N

135-29

135-29

N $\frac{1}{16}$

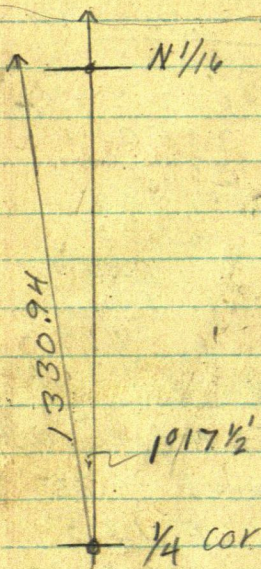
12

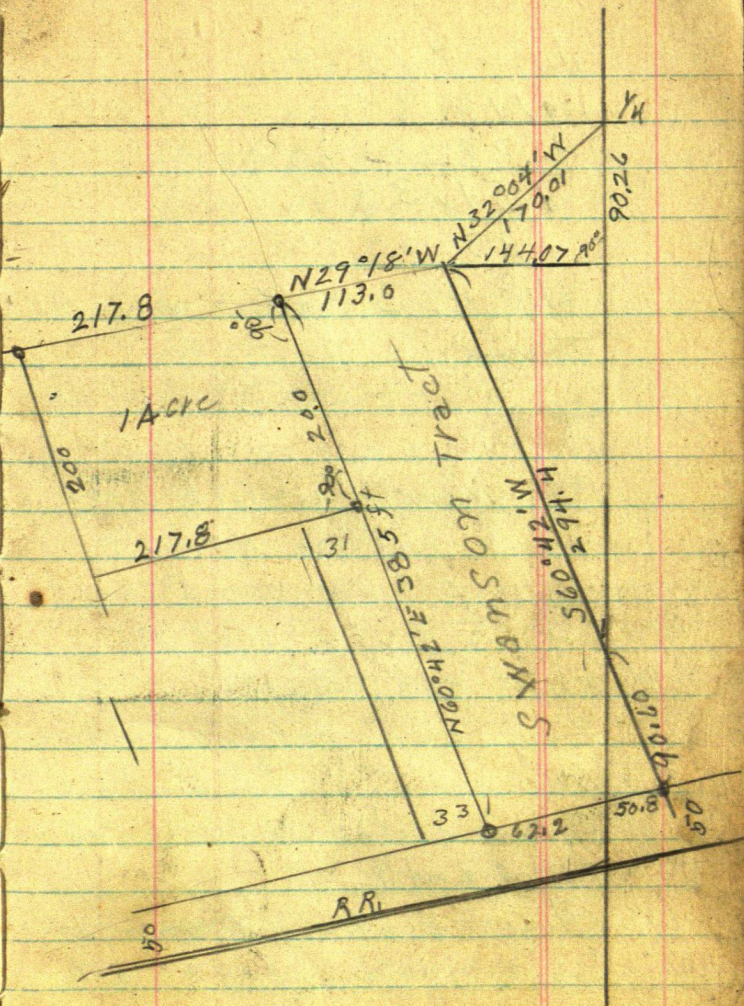
11

1330.94

1017 $\frac{1}{2}$

$\frac{1}{4}$ cor





62

Nisswa Sec 11-135-29

June 7 1939

$$\begin{array}{r}
 118.3 \\
 + 33 \\
 \hline
 151.3 \\
 33
 \end{array}$$

184.3 To I M S W cor
Town 1 A, Tract

⌒ over East rail of M & I
R.R. Move it until a 90°
angle hit the NE & NW
cors of Swanson's Tract
chain from E of R.R.
50 ft. set R.R. spike old
bent axel set for Swanson
N.W. cor has been bent out
of place. The Top is 25 of a
Foot S and 10 W

chain E along Swanson's
Tract 33 ft set R.R. spike
66. set R.R. spike @ 184.30
I.M. S.W. cor of Town Lot
containing 1 A

This is .7 short and
 should be 185.0
 I.M. is .13 Too far North
 from this I.M. it should
 be 200 ft to the NE cor
 Swanson Tract but
 is .15 short

⌒ over I M NE cor
 Swanson Tract Back sit.
 to Flag at NW cor Swanson
 Tract Turn R $106^{\circ}15'$ to
 a Flag Geo. Reidian sets

⌒ over same I.M. continue
 Swanson's N. Line E to
 the N & S Random between
 sec 11-12 ft
 to intersection hub

The N.W. angle of our N & S
 Random and the N. Line
 of Swanson's Tract is $116^{\circ}59'$

Hand-drawn survey map on lined paper. The map shows a triangular plot of land. The left boundary is a diagonal line labeled "R.R." and "50". The bottom boundary is a horizontal line labeled "33" and "33". The right boundary is a vertical line labeled "317.2" and "320.8". The diagonal boundary is also labeled "384.1" and "200". The plot is labeled "Swanson" and "Random". There are handwritten notes "Take set by" and "11639".

N. $\sqrt{\text{Random.}}$

$$\begin{array}{r} 152 \\ 83 \\ \hline 436 \\ 436 \\ \hline 5016 \end{array}$$

$$\begin{array}{r} 152 \\ 200 \end{array}$$

65

$$1A = 43560 \text{ sq. ft}$$

$$5A = 5 \times 43,560 \text{ sq. ft} = 217,800$$

6105

$$185 \times 33 = 6105 \text{ sq. ft}$$

$$217800 + 6105 \text{ sq. ft} = 223,905$$

$$152 \times 33 = 5016 \text{ sq. ft}$$

$$217,800 + 5016 \text{ sq. ft} = 222,816 \text{ sq. ft}$$

$$222816 \text{ sq. ft} \div 352 =$$

$$\begin{array}{r} 3 \\ 352 \overline{) 222816} \\ \underline{2112} \\ 1161 \\ \underline{1056} \\ 1056 \\ \underline{1056} \\ 0 \end{array}$$

$$634.80$$

$$\begin{array}{r} 351 \overline{) 222816} \\ \underline{2106} \\ 1221 \\ \underline{1053} \\ 1686 \\ \underline{1404} \\ 282 \end{array}$$

$$\begin{array}{r} 2820 \\ 2808 \\ \hline 12 \end{array}$$

66

63.462

357.1 / 222816

21066

12736

10533

16230

14044

21860

21066

7940

7022

pg. 925/67

68

$$\begin{array}{r} 1312.88 \\ 1312.88 \\ \hline 2625.76 \end{array}$$

$$\begin{array}{r} 1200 \\ 925 \\ \hline 275 \end{array}$$

$$\begin{array}{r} 925 \\ 218 \\ \hline 1143 \end{array}$$

(Ryan) 137-29

June 15:

Wilferd + I leave Jenkins
8 o'clock drive in my car
to 1/4 bet sec. 24-25

walk West to Hub on Lake
Hub on Lake is 925 ft
E of Sec cor which is
in the Lake

starting at Hub 925 E
chain

East on sec line bet
24 & 25. 925

$$925.00 + 157.4 = 1082.4 \text{ E}$$

Hub

$$925 + 218.4 = 1143.4 \text{ E Hub}$$

$$925 + 275 = 1200 \text{ stake}$$

$$@ 1419.60 \text{ Hub}$$

$$@ 1500 \text{ E stake}$$

$$1641.00 \text{ Hub}$$

$$1800 \text{ E stake}$$

$$1996.30 \text{ Hub}$$

$$2100 \text{ Pin}$$

$$2226.2 \text{ Hub}$$

137-29 + 1082.4

230.4

1312.8

69

June 15 1939

2400 E Pin @ 2444.75

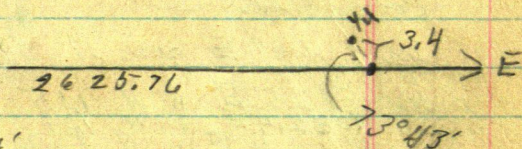
Hub. 2700 pin - 74.24 =

2625.76 Hub

1/4 cor bet. Rec 24-25 sets

π over hub 2625.76

1/4 sets N $16^{\circ}14'$ W 3.4'



$16^{\circ}14'$

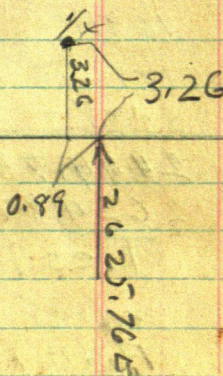
Sine

$2898 \times \times 3.4$

$= 0.89$ W

cos

$9600 \times \times 3.4 = 3.26$ H



1312.88

1143.48

169

1312.88

925

387.88

387.88

2184

169.48

1312.88

1082.4

230.48

June 16, 1939

Corrections

Hub 2625.76 E. goes W 0.89
to 2624.87 E and N 3.26 to
IM $\frac{1}{4}$ Cor. bet 24-25
137-29

$$3.26 \div 2624.87 = .001242$$

Corrections

each foot E goes N .001242

Hub 925 E " N 1.15 to M.C.

" 1082.45 E " N 1.34

" 1143.4 E " N 1.42

1312.44 E " N 1.63 to $\frac{1}{16}$ Cor.

1419.60 E " N 1.76

1641.00 E " N 2.04

1996.30 E " N 2.48

2226.2 E " N 2.76

2444.75 E " N 3.04

2624.87 E " N 3.26 to $\frac{1}{4}$ CorTies to M.C. East
side of lake.

Red Oak 5 N 72° 20' E 21.30

Nor 20 S 82° 52' E 49.15

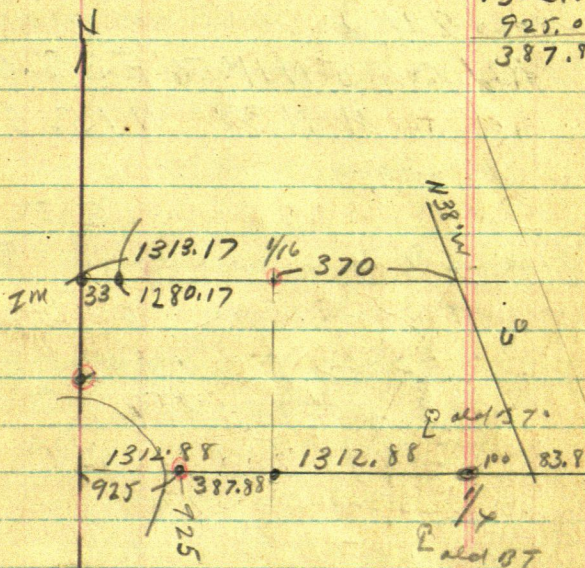
J.P. 3 S 89° 47' W 11.9

J.P. 5 S 53° 20' E 16.4

to spot at
Boat

$$\begin{array}{r} 1313.17 \\ 33 \\ \hline 1280.17 \end{array} \quad 71$$

$$\begin{array}{r} 1312.88 \\ 925.00 \\ \hline 387.88 \end{array}$$



72

Ties to W $\frac{1}{16}$ South side

See 24

Red Oak 5 N $11^{\circ}56'$ E 32.6

" " 4 N 39° W 15.6

June 17 - 193

Saturday 8.25 AM
Cold on hill SE wind
Harold and I of MC
N Hill Aired

Lake drive $2 \times 36''$

Pipe

3" Crooked JP S. about
 $30^\circ E$ 8:70 to bore of
ground no spot

Oak 5N about $30^\circ E$

$38.18 + .50 = 38.68$

to spot of bore

JP S. crook JP

to about $80^\circ W$

on red wall $66.38 +$

$.50 = 66.88$ to spot of

bore Both BTs light

spot also $2\frac{1}{2}$ ft up

Note: This is a witness

MC and set 12 ft N of

water over 113.

N of P for line see
Cross Lake

74

By @ S $\frac{1}{16}$ bet 23-2x
 137-29 ch. E on line
 in RR spike H&B set
 stuck but not taken in
 this chain

~~Joe~~ & H & C
 PB ch - perfect

@ 33. In P @ 125
 pin + 3 = 425 pin side
 hill + 3 = 725 + 3 = 1025
 + 3 = 1325 - 11.83 -

1325.00	1313.17
1313.17	set 2 $\frac{3}{4}$ x
<hr/>	15" sup
11.83	

Tree $\frac{1}{16}$ in @ of SW
 $\frac{1}{4}$ Dec 24-137-29
 set 1x6' oak plug -
 deep down

This 4 plug $\frac{1}{16}$
 Oak + $\frac{1}{2}$ South 12.12.5 = 12.62
 " 6 S abut 80 E 10.39 + 50 10.89
 Too spot

From wood plug $\frac{1}{16}$ ch
E or

300 ju + 70 = 370 ju

We entered on tag

Tag to local. My old lake
line along Silver Bank

Ch west 83.8 m ju
then for good measure
ch 1.20 to 85 west - where
we set $2\frac{1}{2} \times 18$ ju for
West line of plot

370 from ju 370 E
to IMA is 6 ft =

376 instead of 370
shown by the plot

Trees to 376 IMA

Oak $4\frac{1}{2}$ N about 20° W

6.60

Oak 3 S about 45° W

37.86 to 50 = 38.36

50

38.36

T over spot for
rich

The intersection
 on E side of W
 seems to be about
 20.60 N by from
 an adol lot mark

18313
 469

 18982
 17725

 20757

18982
 2991

 21973

Sec 4-135-29

77

July 7, 1939. (Pickett)

Wilfred & I left Jenkins
about 8 o'clock and drove
to $\frac{1}{4}$ cor center of E half
Sec 4-135-29 and drove $2\frac{1}{2} \times 18$
IM for True $\frac{1}{4}$ cor and Take

Ties To $\frac{1}{4}$ cor center E $\frac{1}{2}$ Sec 4

JP 14 N $26^{\circ}50'$ W 49.5

NP 6 N 58° E 15.8

NP 9 S $5^{\circ}52'$ E 38.88

JP 10 S $34^{\circ}50'$ W 31.70

To spot at Base of each Tree

beg at Hub 1531.3 W

in $\frac{1}{2}$ of road and on E+W $\frac{1}{2}$

Sec 4-135-29 chain

West $1531.3 + 300 = 1831.3$ pin

$1831.3 + 66.9 = 1898.2$ Hub RR spike

$1898.2 + 177.25 = 2075.45$ Hub RR

$1898.2 + 239.10 = 2197.3$ Hub

at 2197.3 W set $2\frac{1}{2} \times 30^{\circ}$ IM

Ties 2137.3

Twin Ark 6-8 North 11.20

ark 10 S $47^{\circ}30'$ W 24.6

ark 12 N $42^{\circ}10'$ E 36.75

"

Asp 12 $S 9^{\circ} 38' W$ 13.68

Birch 6 S $32^{\circ} 48' E$ 8.30

Birch 5 N $63^{\circ} 30' W$ 15.05

finish Pickett's work
at 10:30 A.M. July 7, 1939
Harold J. Curo.

Wilfred and I L. Jenkins
around 9 o'clock in my car
drive to Twin Lake

Set π on E. Rail of R.R. Tract
near where N Line sec 35
crosses Tract Turn 90° and
run East @ 50 ft set R.R. spike
at 83 ft set R.R. spike
move π about 200 ft
South and set on E rail
and Turn another 90° and
Run E at 50 ft R.R. spike
at 83 ft E R.R. spike

Then work π on line between
the two spike that are 83 ft from
E of R.R. Tract and cut
out line for East side of 33
ft street

80

P941

" 76

See Book 236 Cammons

Sec 4-136-29

180°

117

NW NE

NENE

Lot 1

SENE

2137.3

2197.3

841.36

1355.94

114
180°

Lot 7

NESE

Lot 6

53.50

144

180°

9
pg. 81 - B - 236

81

841.36

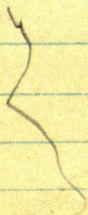
1355.94

2197.30

2774.30

82

Hub under π to ϕ Road
22 ft



Jenkins - July 13-1939

Old Notes: 137-29

27	26	2640	1/2
34	35		

1/4 Bet 26-35 2-

US Nalis - Call for
MTU at 2.

BP 12 S 5° E 56 = 36.96

OK BP 10 N 13 3/4° W 112. = 73.92

See Book 148-160-162-164

26-27-34-35

Book 162 Page 52.

JP 8 N 31° 25' E 37.49

JP 8 N 69° 22' W 76.50

7° T. 1 P. 1 S 78° 46' W 125.40

OK 4 S 47° 12' E 49.82

Book 162 P 55 Same date ¹⁹²⁰

US Nalis Say

BP 7 S 76° W 3 = 1.98

OVER

84

137-29 sec 34

US Nales cont'd

BP 8N 50°W 20 =

BP 10S 21E 76 = 50.16 (OK stamp 51.40)

NP 12N 56E 38 = 25.08 (OK Tree Green)

New RTS

Oak 4N 30W 54.90

Dead JP 12S 68°30'W 67.10.

Oak 4S 53°30'E 54.10 via ground

2x2x20 slabs

Copied in part July 13-1939

For Harold and Wilfred

Nales: Other notes in Book

160? many.

July 14, 1939

Wilfred & I L. Jinkens 7.30

set Flag at SE corner 27

drive south to SE corner 34.

set pt for cor drive E. 1 mile

set Flag SW cor 37 drive back

west to SE 34 set π over cor can

not see flag 1 mile East so I set

up Flag at SE 34 drive E to where

Hiway Turns S and work π on

Line set RR spike and flag drive

137-29
sec 34 35

85

back to SE cor 34. Read angle

⌒ over SE cor 34-137-29

into N Turn R $89^{\circ}30'30''$

Turn R: 180°

" R $269^{\circ}31'$

" R 360

" " $89^{\circ}31'$

" " 180°

" " 26931

" " 360 OK

⌒ over SE cor 34-137-29

I send Wilfred N along Hwy
with 30^{dw} spikes and I put
them on True Line even
with all fences E + W as
far N as I can see good
Note: Use 30rd spikes as
they will drive in the hard
road better than R R spikes

86

see 35

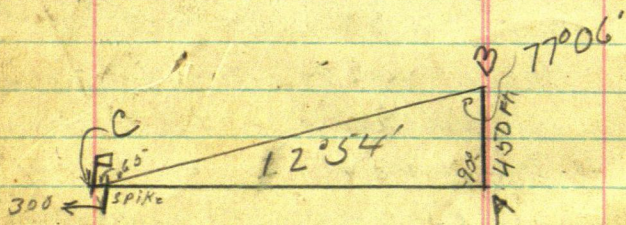
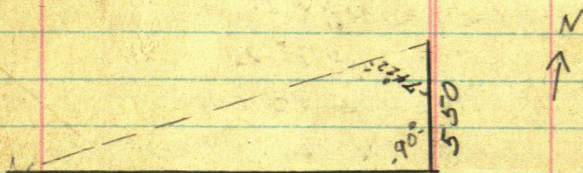
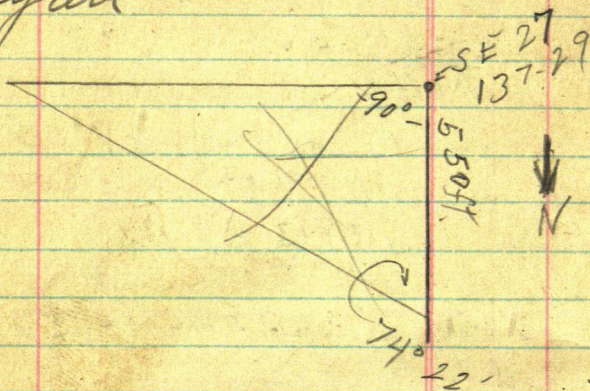
137-29


8960

7706

7254

Ryan

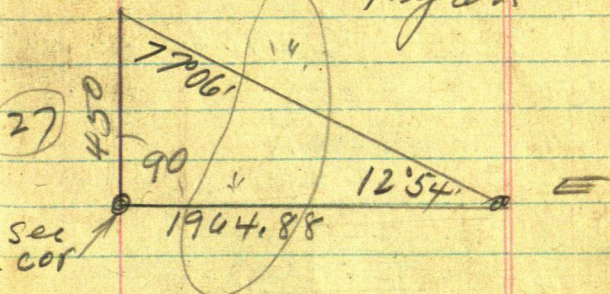


From Hub 65 W of Flag at pt. C
 chain E at 10 cross Road NWSE 
 300 E Pin $300 + 185.2 = 485.2$ E
 Hub

N. July 14-1959
Figuring
Sec 35-137-29

87

Ryan



$$12^{\circ}54' \quad 4.3664 \times 450 = 1964.88$$

Calc =

$$\text{Calc } 12^{\circ}50' = 4.3900$$

1	4.3841
2	4.3782
3	4.3723
4	4.3664
5	4.3605
6	4.3546
7	4.3487
8	4.3428
9	4.3369
13°00'	4.3310

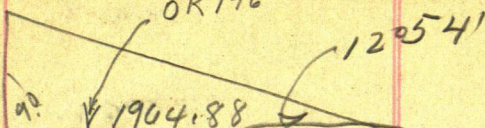
1965

Sec 35-137-29

OK 196

88

450



Tang $12^{\circ}54' = 22904$

$12^{\circ}50' = 2278$

1 22811

2 22842

3 22873

4 22904

5 22935

6 22966

7 22997

8 23028

9 23059

$13^{\circ}00 = 2309$

32090

2309

2278

$1965 \times 22904 = 31$

$12 \times 1965 = 114520$

137424

206136

$22904 \times 6 = 450063$

450063

229040

196488

1082320

1032320

916160

7374240

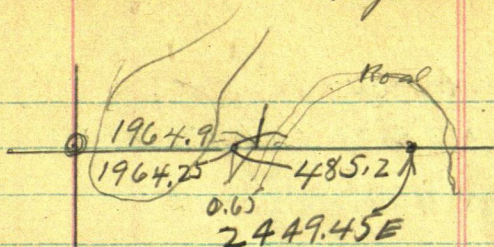
2061360

229040

2499481

sec 35-137-29 Ryan

89



1964.25
485.20
2449.45

2640
2450
190

Move Hub at pt. C
pt, 4350 bears. R. $12^{\circ} 54'$

Pt. 550 bears R $15^{\circ} 39'$

90

Sec 34-35
137-29

$$1964.25 + 688.5 = 2652.75$$

$$\begin{array}{r} 1964.25 \\ 688.5 \\ \hline 2652.75 \end{array}$$

at Hub 2652.75 E $\frac{1}{4}$ cor
bet 25-24 into N 6°10' E
25.80

sin 6°10' =

$$1074 \times 25.80 = 277$$

cosine

$$99421 \times 25.80 = 25.65$$

$\begin{array}{r} 1074 \\ 258 \\ \hline 8592 \\ 5370 \\ 2148 \\ \hline 277092 \end{array}$	$\begin{array}{r} 99421 \\ 258 \\ \hline 795368 \\ 497105 \\ \hline 198842 \\ \hline 25650618 \end{array}$
--	--

$$2652.75 + 277 =$$

$$\begin{array}{r} 2652.75 \\ 277 \\ \hline 2655.52 \end{array}$$

$$2655.52$$

$$\begin{array}{r} 343589.45 \\ \underline{33} \\ 8932 \end{array} \quad 137-29$$

Ryan

$$.009659$$

$$\begin{array}{r} 2653.3 \overline{) 256600} \\ \underline{238996} \\ 175050 \\ \underline{159330} \end{array}$$

$$\begin{array}{r} 157200 \\ \underline{132775} \\ 244250 \end{array}$$

$$\begin{array}{r} 54 \\ 2653.3 \overline{) 238993} \end{array}$$

$$\begin{array}{r} 32653.3 \\ \underline{6} \\ 159330 \end{array}$$

$$\begin{array}{r} 2653.3 \overline{) 132775} \end{array}$$

$$\begin{array}{r} 116 \\ \underline{87} \\ 29 \end{array}$$

$$0^{\circ}30' = .0087$$

$$31' \quad .00899$$

$$32' \quad .00928$$

$$33' \quad .00957$$

$$34' \quad .00986$$

$$35' \quad .01015$$

$$36' \quad .01044$$

$$37' \quad .01073$$

$$38' \quad .01102$$

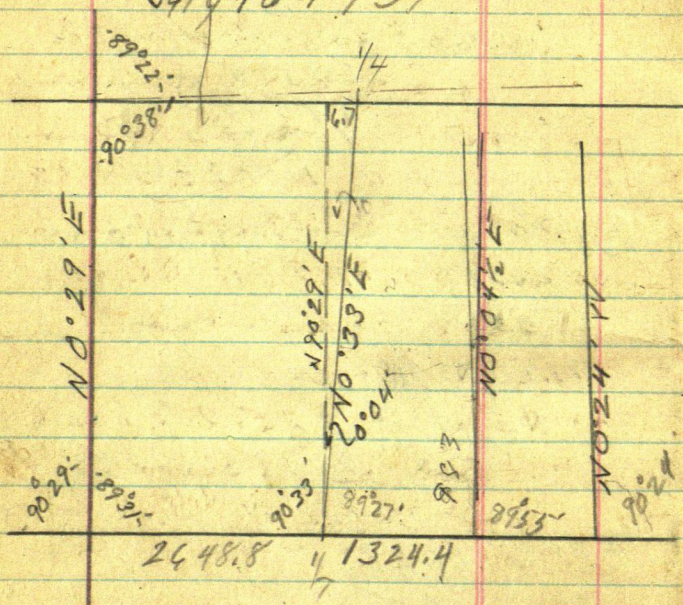
$$39' \quad .01131$$

$$0^{\circ}40' = .01160$$

92

Sec 34 - 137-29
35

July 16-1939



Over RR spike E $\frac{1}{16}$ Cor ^{Sec} 35
 on 9th Standard Par.
 Site on S.E. cor. Sec. 35-137-29
 Turn 90° L or (North)
 Then Turn R $0^\circ 04\frac{1}{2}'$ R. or E
 Making NE angle $89^\circ 55\frac{1}{2}'$
 Run North but tree quit
 for mile

Sec 34-137-29
35

78

July 17-1939

Wilfred and I drive to
E $\frac{1}{4}$ cor south side sec

35-137-29 and continue

True $\frac{1}{4}$ Line N. @ 208.20 N RR Ripike

Hub 300 pin @ 477.00 N Hub

@ 600 pin @ 690.80 N RR Ripike Hub

@ 825.6 N RR Ripike Hub

@ 891.6 N " " " "

@ 900 N pin at 925.2 RR Ripike Hub

@ 947. N Foot @ 983 water

From Hub 925.2 N I M lat cor
sets about 90° E 37. ft.

925.2
16.8
942.0

sec 34 35
137-29

94

Nelson Deed

Beq @ IM 1187 ft West
and 650.67 ft N from
SE Cor Lat Sec

T. R₁

thence East 125

" North 3.25 + - 10 Walen

" West 125 + - 10 ft

Due North from pt of beq

thence South 55. ft + -

to I.M. and continue

South 270 10 ft of beq

Copied from Julius Nelson
deed at Pequot Bank
July 18-1939 Cues

$$\begin{array}{r} 1324.4 \\ 1312.0 \\ \hline 12.4 \end{array} \quad \begin{array}{r} 1187 \\ 125 \\ \hline 1312 \end{array}$$

Nix This don't check?

$$\begin{array}{r} 1200 \\ 30.6 \\ \hline 1169.4 \\ 1187 \\ 100 \\ \hline 1287 \\ 37 \\ \hline 1324 \end{array}$$

$$\begin{array}{r} 1200 \\ 39 \\ \hline \end{array}$$

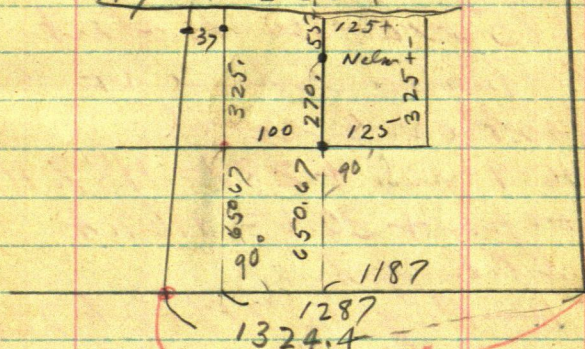
137-29

$$\begin{array}{r} 1324.4 \\ 1187 \\ \hline 137.0 \end{array}$$

95

$$\begin{array}{r} 270 \\ 55 \\ \hline 325 \end{array}$$

Ryan Deed



$$\begin{array}{r} 1324.4 \\ 1287 \\ \hline 1324.65 \end{array}$$

RECHAN
July 20-1939
Checking

$$1324.65$$

$$1324.33$$

$$\begin{array}{r} 264866 \\ 1324.33 \\ \hline 1324.33 \end{array}$$

$$\begin{array}{r} 1287 \\ \hline 134.33 \end{array}$$

$$1324.4$$

$$\begin{array}{r} 1324.4 \\ 1287 \\ \hline 374 \end{array}$$

Ryan-Morrow
96 Maier-Nelson

July 20-1939

Harold and JWC.
Checking

Beq @ SECOR 35-137-29

Book 221 Page 107.

5 IMS - 90 ft NW-SE

89.85 NE-SW .15 short

Proportion distance NE-SW of
West on E road

$3-6-9-\text{pin} + 287 = 1187.1 \text{ ft}$

$1200 \text{ pin} + 30.6 = 1169.4$

Hub R.R. spike

But Page 107 Book 221

seems to show that we
began at 1169.4 W and in
North. So

We will try to fit my
old survey with this
one

Then over 1169.4 West Look
East from 90° and in
North 536.2 ft

Hub and pole

1187.0 137.29

1169.4

17.6

5.6

12.0

247.2

22.9

270.1 Im

90° N 3 + 197.7 = 497.7

Mud. T. - 600 + 50.67 =

650.67 Hut in

wheel track.

From SE Cor Miers

Track Ch N 247.2 Im

+ 22.9 = 270.1 Im

Corner 247.2 Im

8960 Run 70° 40' R.

1920 L. Schubert

7040 = 19° 20'

Line 3311 x 124.4 =

Cor 9436 Im 124.4 131.83 +

From 131.83 BS 70° 40' W

on 270.1 Run N 17.3 Hut

Back for Im

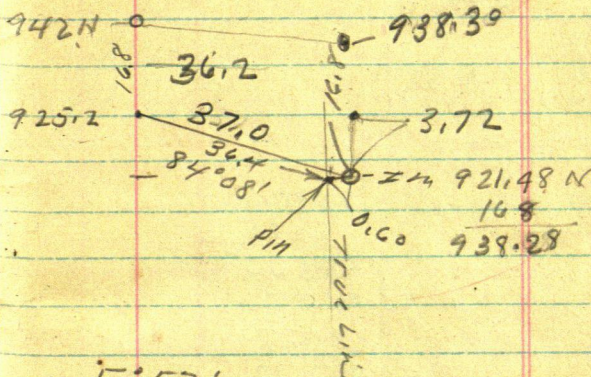
$$\begin{array}{r} 8960 \\ 5710 \\ \hline 550 \end{array}$$
[illegible]

137-29

925.20
3.72
 921.48
16.80
 938.28

925.2
3.72
 928.92

8960
8408
 552



5°52'

Sine $10221 \times 36.4 = 3.72$
 Cor $99474 \times 36.4 = 36.20$

925.2
16.8
 942.0

July 21-1939 137-29
Figurmy Nelson Tent.

1287
225
1062

650.67
225
100
125
650.67

1287

650.67
225
325335
130134
13013475
14640075
3.360

4356) 14640075
13068
15920
13068
26527
26136
3915

70711
121
70711
141422
7071131
85560

137-29

1465.3

48.3

1417.00

1331.48

85.52

85.52

171.04

17104

70711

17104

17104

119728

119728

1209440988

120.94

70711)85.520

70711

148.090.

141422

666800

636399

304010

282844

211660

1537.5

912.2

625.3 Wood
1716

1837.5

14149

88.5

1449.

1320

129

1320

1245

75

11.4

88.5

202.5

Sec 4 Lot 6 ① 135-29

Snyder Survey

Apr. 6-1949

Glen Miller & I put ²⁰⁰ gas
in Ford & Lr Walker @ 8 A.M.
drive to T.H. at Jenkins get
books drive to upper Bull Lake
av. at 9-30 A.M.

old Notes book 236 pg. 28

Find old 1x10" hub wood on top of hill ch.
E down hill 300 wood stake @ 400 ice @
912.2 = $\frac{1}{4}$ Cor. From 912.2 N ch W at
1212.2 pin 1245 hub RR spike @ 1320 hub
RR spike @ 1449. hub RR spike 1537.5
hub RR spike in E main Hiway
1732.5 hub RR spike 1847.7 hub RR spike
1988.10 hub RR spike 2231.10 IM on
hi bluff about 150 ft from Bull Lake

Glen & I beg @ E road ch. E.
rough Looking for old hubs
@ 88.5 we find RR spike hub 1537.5
W From 1537.5 we ch E 129+
find RR spike hub, 1320-15 ft E
of I.M. From 1320 ch E 75 ft &
find RR spike hub @ 1245 W

Lot 6 Sec. 4-135-29

Corner IM SE Cor Lot 7 Sec 4-135-29

Take Ties = $S\frac{1}{2}$ Line called E & W

N.P. 14 S $44^{\circ}16'E$ 35.60

R.O. 5 N $44^{\circ}45'E$ 34.75

dinner @ Misswa 90¢

P.M.

From SE Cor lot 7 Ch.

West, @ 114 Bld RR spike

hub + 88.5 = 202.5 £ road

set spike @ 399 set 60° spike

.15 S + .30 W of 1" pipe

Corner 60° spike at intersection

of $S\frac{1}{2}$ & Snyder's NW 1/4

Read. course S $36^{\circ}42'W$

Take Ties to 60° spike

W. oak 9 N $19^{\circ}57'W$ 17.1

W. oak 11 S $22^{\circ}W$ 38.25

a $1\frac{1}{2}$ " pipe sets W 18.85

From intersection hub 60° spike

Run S $36^{\circ}42'W$ @ 143.75

IM 1 inch @ 301.3 - 2" IM,

@ 442.8 IM $1\frac{1}{2}$ " on high point

@ 574.8 IM pump point

Lot 6 Sec 4 - 135-29

On 2nd sea wall 12 ft E of 1st
Sea wall 25 E of Water

Over pump point IM BS
N 36° 42' E Take Ties
to pump point

R. Oak 26" N 72° 53' W 54.1
W. Oak 10" N 66° 39' E 33.9

Over pump point Take

stada of shore line

BS N 36° 42' E run

340 S 83° 10' E

435 S 77° 20' E

605 S 66° E

740 S 57° 52' E

840 S 51° 23' E

IM 840 - S 51° 28' E Top of IM
sticking out of sea wall Taped
over. Stada Taken. 3 ft from water
6 ft from sea wall

Lot 6 Sec 4-135-29

530

Across $S \frac{1}{16}$ Cor bet sec
3-4-135-29 Fore site W
on $S \frac{1}{16}$ line + Vene @ 90°
Take stadia of Lake.

- ✓ 530 West 5' to water 20' to post
- ✓ 580 $S 86^\circ 35' W$ 2' water 35' to shore
- ✓ 670 $S 84^\circ 30' W$ 4 ft water 25' to "
- ✓ 915 $S 72^\circ W$ - 6' to water 12' to "
- ✓ 1050 $S 69^\circ 40' W$ 4' Water about 60' to "
- ✓ 1120 $S 65^\circ W$ 3 to water 150 to road + -
- ✓ 1100 $S 60^\circ 30' W$ 4' Water 20' to shore
- ✓ 1060 $S 58^\circ W$ 12' Water 15 to "
- ✓ 1010 $S 53^\circ 30' W$ 5 " 10 " "
- ✓ 900 $S 44^\circ W$ 8 " 10 " "
- 720 $S 22^\circ 30' W$ 4 " 10 " "
- 730 $S 15^\circ 30' W$ 5 " 15 " "

From Here Lake E about 300 ft
belly S + -

- 340 $S 10^\circ 30' W$ From here Lake
- runs $S 15^\circ E$ about 300 ft + 6' Water 25'
- 275 $S 9^\circ W$ 4 ft to water 25' to shore
- 225 $S 4^\circ 30' W$ From ^{8 to} here ^{15 "} "

Lake runs S N to point 20' N of IM

Lot 6 Sec. 4 - 135-29

U.S. Notes

MC No 39 E side Gull Lake

N P 18 S 49 W 5

Book 6 N 36 E 32

MC No 40 over Lake

Act 8 N 69 $\frac{1}{2}$ W 4

Act 10 S 14 $\frac{1}{2}$ E 24

April 7 all day in
Office

Lot 6 Sec 4-135-29

April 8 1949

Gas \$2.00 @ Deep Rock Walker
J.W.C. - Glen & I in Ford drive
to upper Bull Lake arrive @
11-10 stopped at Jenkins get
milk & rolls \$1.04 paid by J.W.C.

Work on line bet IM on
N side of the excepted part of
Lot 6 in SW cor.

Over IM in sea wall

Bs N51°28'W (See pg. This book
on pump point and run
N87°52'E Needle reads 7°

Chain from Flag on top NE
to NE cor IM of reserved tract
178.4 From Flag on top ch
SW down hill 115.2 to IM in
seawall = 293.6^{178.4}

Over Top of IM sticking
out of sea wall we take
bearing trees

178.4

to hold this point

J.P. B N $5^{\circ}20'E$ 25.66

R.O. 6 N $89^{\circ}22'E$ 29.76

R.O. 7 S $44^{\circ}42'E$ 18.66

To spot at base

1x side Lot 6 as meridian

π still @ NW Cor Take reading

to IM on rear wall bears

S $5^{\circ}15'E$ 180.4 sets 4 ft from second

π still @ NW Cor the SW cor.

bears S $4^{\circ}46'W$ 393.5 =

US MC N^o 39

This

W O 10 N $28^{\circ}54'E$ 17.70

W Birch 9 S $12^{\circ}13'W$ 14.70

Two sp Course from N line

U 7.

old RR apike on our old ramadan

sets N 53.4

PM,

π over NE Cor of reserved

Tract BS S $87^{\circ}52'W$ run

S $2^{\circ}18'W$ 391.4 to IM SE Cor

Tie still over NE Cor Take
Ties

N.P. 26 N $60^{\circ}15'E$ 45.72

R.O 10 N $14^{\circ}21'W$ 18.65

Turned from N Line Lot 6.

Run East by in Line with
N Line N $87^{\circ}52'E$ 40.44
at 60 d spike

Course turned from
N. line of Lot 6

J.W.C. goes to Car Glenn +
I walk N to $S\frac{1}{2}$ Line sec 4-135-29
Over 60' spike in Φ road 202.5' W
of SECOR Lot 7 B.S. W on $S\frac{1}{2}$ Line
N Line Lot 6 and run out
main road

Over 202.5' W Run $S9^{\circ}45'E$
@ 386.6 Sta ① @ 357' LV road
bed) (~~P~~ Start of Curve Sta 1 is
23' W of Φ @ Tang.

From Sta ① BSN $9^{\circ}45'W$ + run
 $S71^{\circ}14'E$ 230.3 to Sta 2 9' E
 Φ @ 25' edge of road @ 58' Φ

Over Sta ② BSN $71^{\circ}14'W$
run $S45^{\circ}07'E$ to
intersection of 3 roads

Still at (2) run $S45^{\circ}32'E$
218.1 Sta (3)

Spike 60' in Φ Main Road on
Line with West side of old road
running south

Over Sta 3 BSN $45^{\circ}32'W$
on Sta (2) Take Sta of

meadow or swamp

340 N 24° E

325 N 14° 20' E

300 N 6° E

210 N 7° 40' W

160 N 17° 40' W

90 N 36° 55' W.

30- N 11° 45' W

170 N 67° 07' E

T Mill @ Sta 3 run

S 74° 47' E 207.25 to
Sta A - N edge 10' E of Φ W 75 L

Turn A BS N 74° 47' W

and run S 39° 24' E 207.7
to Sta 5 in Φ

Turn 5 BS N 39° 24' W on 4

and run S 51° 02' E 476.8 to
Sta 6 in Φ

Turn 6

run S 55° 55' E 252

$$\begin{array}{r}
 92609 \\
 92718 \\
 \hline
 185327 \\
 0
 \end{array}$$

sin cozin

$$\begin{array}{rcl}
 67^{\circ}50 & 92609 & 32.60 \\
 67^{\circ}55 & 926635 & 260.41 \\
 67^{\circ}60 & 92718 &
 \end{array}$$

$$\begin{array}{r}
 926635 \\
 33 \\
 \hline
 2779905 \\
 2779905 \\
 \hline
 3057895 \\
 .3
 \end{array}$$

$$9266 \overline{) 3300}$$

$$\begin{array}{r}
 208.3 \\
 33 \\
 \hline
 241.3
 \end{array}$$

$$260.41$$

$$\begin{array}{r}
 9266 \overline{) 24130} \\
 18532 \\
 \hline
 55980 \\
 55596 \\
 \hline
 38400 \\
 37064 \\
 \hline
 13360 \\
 9266
 \end{array}$$

116° 59'

Swanson's N line cont'd
E

R 106° 15' to the stake
Geo. Randam put up

33 hub 117.8 hub 300 hub
503.5 Hub

JP 105 88° 10' E 26.45

"P 125 30° 36' E 15.18

Red Oak 12 N 59° 13' E 59.00

$$\begin{array}{r}
 567 \\
 384 \overset{54}{\overset{22}{\div}} 2178 \\
 \underline{1920} \\
 2580 \\
 \underline{2304} \\
 2760 \\
 88
 \end{array}$$

Hanks Last Resort
 Finish setting stakes
 Run Carl's Line

$$\begin{array}{r}
 3 \overset{1}{\overset{3}{\div}} \\
 14627 \\
 \underline{1305} \\
 73135 \\
 438.81 \\
 14627 \\
 \hline
 19,088235
 \end{array}$$

15177

$$\begin{array}{r} 538070 \overline{) 5778} \\ 3807 \end{array}$$

$$\begin{array}{r} 19710 \\ 19035 \end{array}$$

$$\begin{array}{r} 6750 \\ 3807 \end{array}$$

$$\begin{array}{r} 29430 \\ 26649 \end{array}$$

$$\begin{array}{r} 2781 \end{array}$$

$$181.5 \times 15177 = 27545$$

$$233 \times 15177 = 3536$$

$$235.2 \times 15177 = 3873$$

$$360.45 \times 15177 = 54705$$

$$380.7 \times 15177 = 5778$$

$$\begin{array}{r} 15177 \\ 1815 \\ \hline 75885 \end{array}$$

$$\begin{array}{r} 15177 \\ 121416 \\ \hline 18177 \end{array}$$

$$\begin{array}{r} 15177 \\ 27546255 \end{array}$$

$$\begin{array}{r} 15177 \\ 233 \end{array}$$

$$\begin{array}{r} 45531 \\ 45531 \end{array}$$

$$\begin{array}{r} 30354 \end{array}$$

$$\begin{array}{r} 35362 \end{array}$$

$$\begin{array}{r} 15177 \\ 2552 \end{array}$$

$$\begin{array}{r} 230354 \\ 75885 \end{array}$$

$$\begin{array}{r} 75885 \end{array}$$

$$\begin{array}{r} 30354 \end{array}$$

$$\begin{array}{r} 38731704 \end{array}$$

Time

19°10' 3283
19°15' 3297
19°20' 3311

3283
3311
6394
3297

Cosine

19°10' = .9446
19°15' = .9411
19°20' = .9377

9446
9377
18823
9411

29411
614
37644
9411
56466
5778354

3297
614
13188
3297
17782
2024358

1360.45
2025
38070

35646 .0658
5778 380.70
8 34668
46224
34020
28890
51300
46224
96

400
400
100000

2178

165

10890

13068

2178

359470

34,28

47.77

5

48.25

2178

2

435600

3428

33.50

78

3378

5

28

390

3873

2.7

160.25

152.2

317.2

320.8

Nisswa Book 222 pg. 163

West on line 11-135-29

@ 387.3 spike @ 390 Picket fence

@ 507.5 W & R.R. Tract @

@ 523.5 W @ side "

@ 793.10 W spike

@ 1246.4 W spike

@ 1246.4 W chain W 92.12

to 1338.52 W. Then south 260

conduct True $\frac{1}{4}$ cor in center of E $\frac{1}{2}$

Sec 11-135-29 = Ties to a 2X12' hub

N 0 10' NE 0.78

8 NW 9.30

Ties to corrected Hub 793.10

3.9 N about 50 W 1330

Oak 75 " 80 W 22.9