

T144N R 30W

T144N R 29W

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T146N R 30W

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T146N R 30W
T146N R 29W



MINING

TRANSFER BOOK

No. 422F

107

EUGENE DIETZGEN CO.

DRAWING MATERIALS, MATHEMATICAL and SURVEYING INSTRUMENTS
Chicago New York San Francisco New Orleans Pittsburg Toronto

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1.

For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be $30.6 + (20 - 16) \div 2$ or 2 ft. added to 30.6 = 32.6. For slopes of 1 on $1\frac{1}{2}$ see inside of back cover.

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C.C.C. Co. 765

JUN 13 1935

J. HENRY PARTY Chief
 H. PETERSON Head CHAIN
 E. WERNBERG STAKE CUTTER
 D. HALVERSON } BRUSHERS
 H. NELSON }
 JAMES ROE

[Faint handwritten signatures]

T145N R29W

SEC.	PAGES
31	1-8
33	9-10
32	11-12
19	66
1	75-77

T144N R29W

SEC.	PAGES
5	13-17
6	18-21
9	22-27
17	39-
18	35-37
19	38-41
4	49-50

T145N R30W

SEC.	PAGES
12	28-33
29	64-65
13	68-70
30	69

T144N R30W

SEC.	PAGES
35	42-44
36	44-45
12	53-57
1	58-62
29	63-67

T146N R30W

36	45
26	46-48
23	72-74

T146N R29W

3	51
2	52

Cloudy + WARM JUNE 13 1935

THIS SURVEY IS STARTED 1/4 CORNER
20/31 SET IN BY LIN. SURVEY CREW 1934
T145N R29W SECTION 31

RUN 7° DEC. - West

Type 40-42 NORWAY MERCHINABLE

42-52 SPRUCE + TAM SAPLINGS

52-58 NORWAY MERCHINABLE

58-74 ASPEN MERCHINABLE

74-79.18 MIXED HARDWOOD

79.18 ENTERSECTED N AND S LINE

S 2.93 CHS AND E 67 LINKS M.L.O.

SECTION CORNER T145N R29W
28/30
36/31

B.T. T145N R30W S25

N27W 15.9 LINKS ASH 8"

B.T. T145N R29W S31

S79.E 23 LINKS WT. BIRCH 4"

B.T. T145N R30W S31

S30W 36.3 LINKS ASH 8"

B.T. T145N R29W S30

N61E 33.3 LINKS Y BIRCH 5"

Cloudy + WARM

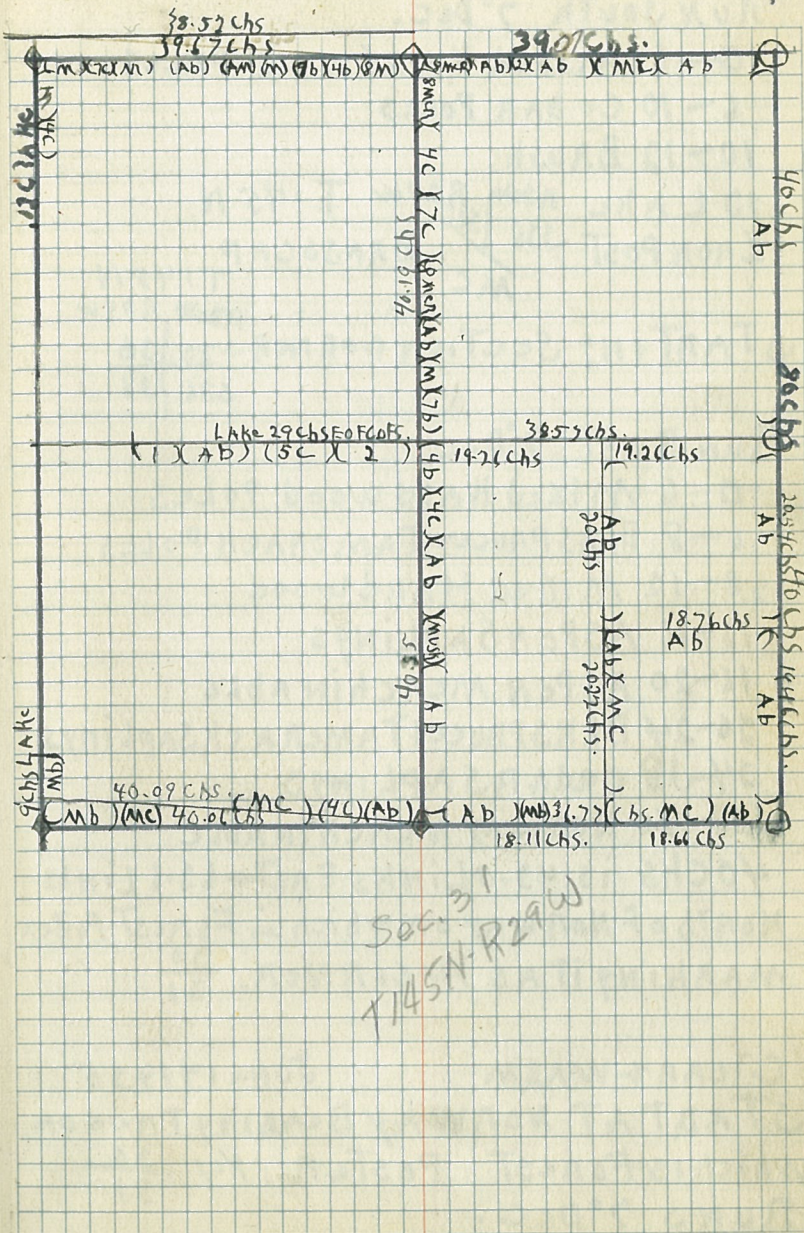
JUNE 13 1935

STARTING AT SECTION CORNER

T145N R30W R29W

325/330

336/331



RUN SOUTH 7° DEC.

0-6 Mixed HARDWOOD POLES

6-10 CEDAR POLES

10-12 BRUSH

12 LAKE ^{N30W R29W} T. 145 N

IRON POST ^{S36} ³¹ BRASS CAP

MC

T 145 N

R30W R29W

STARTING SECTION CORNER ^{S25} ³⁰

^{S36} ³¹

RUN EAST 7° DEC.

0-6 Mixed HARDWOOD POLES

6-8 BLK SPRUCE + TAMERACK POLES

8-12 Mixed HARDWOOD

12-16 ASPEN SAPLINGS

16-20 ASPEN MERCHINABLE

20-24 BLK SPRUCE + TAMERACK SAPLINGS

24-38 CEDAR SAPLINGS

38-40 NORWAY MERCHINABLE

40 CHS IS 43.5 LINKS EAST + 63.6 LINKS

NORTH OF NORWAY ON WHICH IS FOREST POSTER

MARKING IT AS 1/4 CORNER. ²⁰/₃₁

CLEAR + WARM

JUNE 14 1935

START AT NORWAY BEARING TREE ON

WHICH IS FOREST POSTER 1/4 ²⁰/₃₁

RUNS 7° DEC.

0-6 NORWAY MERCHINABLE
6-16 CEDAR POLES
16-20 BLK SPRUCE + TAMERACK POLES
20 CHAINS SOUTH OF BEARING TREE
ESTABLISH $\frac{1}{4}$ #5
20-~~24~~ NORWAY MERCHINABLE
4-10 ASPEN SAPLINGS
10-16 MIXED HARDWOOD POLES
16-20 BLK SPRUCE + TAMERACK SAPLINGS
20 CHAINS SOUTH OF $\frac{1}{4}$ #5 ESTABLISH
TEMP CENTER OF SECTION 31
20-20 BLK SPRUCE + TAMERACK SAPLING
30 CHAINS SOUTH OF C. $\frac{1}{4}$ OF 31
ESTABLISH $\frac{1}{4}$ #12
0-4 CEDAR SAPLINGS
4-6 BLK SPRUCE + TAMERACK SAPLINGS
6-8 CEDAR POLES.
8-20 ASPEN SAPLINGS
STRIKE SURVEY 80.55 CHAINS AND
64 LINKS WEST TO G.L.O. $\frac{1}{4}$ SECTION
31.
CEMENT BLOCK WITH BRASS CAP
SOUTH $\frac{1}{4}$ SECTION 31. T145 N R29 W
B.T. N 15 W 70.7 LINKS ASPEN 6"
B.T. N 82 E 2 CHAINS 43 LINKS ASH 12"

CLOUDY + WARM JUNE 17 1935
START AT ESTABLISH $\frac{1}{4}$ SECTION $\frac{30}{31}$
13.5 LINKS SOUTH OF NORWAY BEARING TREE
RUN EAST 7° DEC.

0-4 NORWAY MECHINABLE

4-9 ASPEN SAPLINGS

9-50 MUSKIE

10-20 ASPEN SAPLINGS

20 ESTABLISH TEMP # $\frac{1}{15}$

20-28 MIXED HARDWOOD POLES

28-39.7 ASPEN SAPLINGS

39.7 CHAINS EAST OF TEMP $\frac{1}{4}$ $\frac{30}{31}$

ENTERSECTED NORTH AND SOUTH SURVEY
LINE.

ESTABLISH TEMP. SECTION CORNER
T145N $\frac{30}{31}$ 29W AT 39.7 CHAINS EAST OF $\frac{1}{4}$ $\frac{30}{31}$
31 32

START AT TEMP ESTABLISHED SECTION
CORNER $\frac{30}{31}$ 29W RUNS SOUTH ON LINE

0-20 ASPEN SAPLINGS

20 CHAINS SOUTH OF SECTION CORNER $\frac{30}{31}$ 29W

ESTABLISH TEMP # $\frac{3}{7}$

20-40 ASPEN SAPLINGS

40 CHAINS SOUTH OF SEC. COR. $\frac{30}{31}$ 29W

ESTABLISH $\frac{1}{4}$ $\frac{32}{31}$ T145N R29W

CLOUDY & WARM JUNE 18 1935
START AT TEMP. ESTABLISHED
1/4 SECTIONS ~~32~~³¹ T 145 N. R 29 W.

RUN SOUTH ON LINE

40-60 ASPEN SAPLINGS

60 CHAINS SOUTH OF SEC COR. ~~31~~³⁰ 31/32

ESTABLISH 1/6 # ~~14~~¹⁰ SEC. ~~31~~³² 31/32

60-80 ASPEN SAPLINGS

80 CHAINS SOUTH OF TEMP ESTABLISHED

SECTION CORNER ~~31~~³⁰ 31/32 ESTABLISHED

SECTION CORNER ~~31~~³¹ 31/32 T 145 N R 29 W

~~615~~ T 144 N R 29 W

START FROM TEMP EST SEC. COR. ~~31~~³² RUN WEST
7° Dec.

0-4 ASPEN SAPLING

4-20 MIXED HARDWOOD POLES

20 CHAINS WEST OF SEC COR. ~~31~~³² EST. 1/6 # 15

20-26 MIXED HARDWOOD POLES.

26-36.77 ASPEN SAPLINGS

36.77 CHAINS WEST AND 3 LINKS SOUTH

D.L.O. 1/4 SEC ~~31~~³¹

START D.L.O. 1/4 SEC ~~31~~³¹ RUN WEST 7° Dec.
T 145 N R 29 W
~~615~~ T 144 N R 29 W

40-44 ASPEN SAPLINGS

44-48 CEDAR POLES

48-58 MIXED HARDWOOD POLES

58-60 CEDAR POLES

20 CHAINS WEST OF 1/4 SEC ~~31~~³¹ EST TEMP 1/6 # 16

18 L^o CHAINS WEST $\frac{31}{6}$ AND 40 LINKS SOUTH

~~T 145 N R 29 W~~

~~S 1 S 6~~

~~R 30 W R 29 W~~

~~T 147 N~~

CLEAR WARM JUNE 19, 1935
START TEMPEST $\frac{1}{6}$ #16 T 145 N R 29 W S 31

60-66 MIXED HARDWOOD POLES

66-70 BRUSH

70-80.9 MIXED HARDWOOD POLES

80.9 WEST OF $\frac{1}{4}$ COR SEC $\frac{31}{6}$ STRIKE SURVEY

LINE AND SOUTH $\frac{1}{6}$ LINKS G.L.O. SEC COR

~~T 145~~

~~R 30 W R 29 W~~

~~S 31~~

B.T. N 82 W 29.07 LINKS NORWAY 18" S 36 R 30 W

BT N 54 E 30 LINKS ASPEN 14" S 31 R 29 W

START FROM G.L.O. S 36 ~~T 145 N~~
~~R 30 W R 29 W~~ S 31 RUN NORTH 9° DEC

0-8.92 MIXED HARDWOOD MERCHINABLE

8.92 MET LAKE MC ~~R 29 W~~

~~R 30 W~~

~~S 31~~

~~T 145 N~~

B.T. T 145 N R 30 W S 36 MC

N 52 W 22 LINKS CEDAR 10"

B.T. T 145 N R 29 W S 31 MC

S 46 E 30 LINKS BIRCH 10"

T 145 N R 29 W

START G.L.O. $\frac{1}{4}$ COR SEC $\frac{31}{2}$ RUN WEST 9° DEC.

40-44 ASPEN SAPLINGS

44-48 CEDAR POLES

48-58 MIXED HARDWOOD POLES

58.72 CHAINS AND 1 LINK N G.L.O.

20 CHAINS WEST OF $\frac{1}{4}$ COR $\frac{31}{2}$ EST $\frac{1}{6}$ #16

60-68 MIXED HARDWOOD POLES

68-76 ASPEN POLES

76-80.06 MIXED HARDWOOD POLES

40.06 CHAINS WEST OF $\frac{1}{4}$ COR. $\frac{31}{2}$ AND 15 LINKS

SOUTH G.L.O. SEC COR $\frac{26}{31}$

CLAR + WARM

JUNE 20 1935

START EST $\frac{1}{4}$ COR 31/32 T 145 N R 29 W

RUN WEST 7° DEC.

0-20 ASPEN SAPLINGS

20 CHAINS WEST OF TEMP EST $\frac{1}{4}$ COR 31/32

EST. TEMP $\frac{1}{6}$ #8

0-12 ASPEN SAPLINGS

12-16 BRUSH

16-18.53 TAMERACK SAPLINGS

18.53 CHAINS WEST OF TEMP EST. $\frac{1}{4}$ COR 31/32

AND 40.19 CHAINS SOUTH OF EST $\frac{1}{4}$ COR $\frac{30}{31}$

NORTH AND SOUTH AND EAST AND WEST SURVEY

LINES INTERSECT ESTABLISHING CENTRES OF

SECTION 31 T 145 N R 29 W

T 145 N R 29 W
- 531
S 1 S 6
R 30 W R 29 W
T 144 N

EST.
RUN WEST FROM CENTER OF SEC 31 T145N R29W

0-8 MUSKEY

8-18 JACKPINE POLES

18-20 ASPEN SAPLINGS

20 CHAINS WEST OF EST. CENTER OF SEC 31.

EST. TEMP. $\frac{1}{6}$ #9 S31 T145N R29W

0-9 ASPEN SAPLINGS

9 CHAINS WEST OF TEMP. EST. $\frac{1}{6}$ #9 S31

T145N R29W MCT LAKE

Cloudy + Cool

JUNE 21 1935

T145N R29W SEC 31

START AT EST $\frac{1}{6}$ #8 SEC 31 WHICH IS

19 CHS 26 LINKS WEST OF EST $\frac{1}{4}$ COR SEC 31 | 32

RUN SOUTH 7° DEC.

0-20 ASPEN SAPLINGS

20 CHAINS SOUTH OF EST. $\frac{1}{6}$ #8 SEC 31

EST. $\frac{1}{6}$ #13 SEC 31 T145N R29W

START AT EST $\frac{1}{6}$ #13 RUN EAST 7° DEC.

0-6 ASPEN SAPLINGS

6-10 MIXED HARD WOOD POLES.

10-18.76 ASPEN SAPLINGS

18 CHS. 76 LINKS EAST AND 54 LINKS

NORTH EST. $\frac{1}{6}$ #14

START EST. $\frac{1}{6}$ #13 SEC 31 T145N R29W

RUN SOUTH 7° DEC.

0-6 Aspen poles
 6-20.22 Mixed Hardwood poles
 20 chs. 22 Links South of $\frac{1}{4}$ #13 Sec 31
 AND 18 chs. 18 Links West of Est. Sec
 cor. $\frac{31}{132}$ EST. $\frac{1}{4}$ #15 Sec 31 T145N R29W

July 3, 1935-

Began at Temp. sec. cor. 32-33-5 established by Swift.
 Ran 22 chains east on line between sec. 33-5 & 4.
 0-22 Aspen saplings.

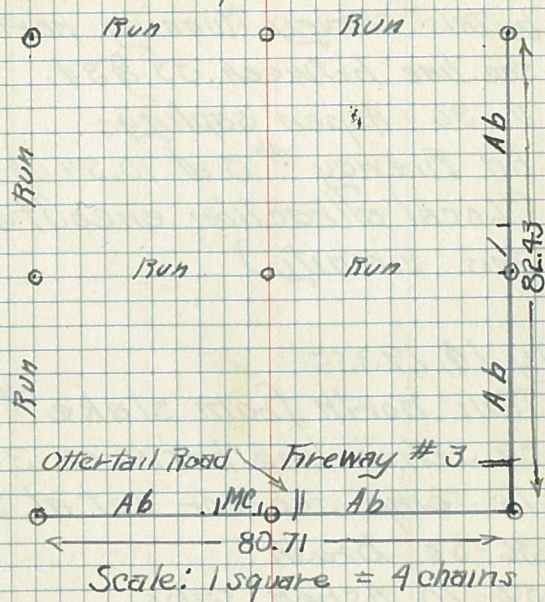
July 8, 1935-

Began at stake # 22 continuing ^{east on} line between 33 & 4
 22-30 Aspen saplings
 30-38 Mix. Hardwood 38-80 Ab
 Sucker Bay or Ottertail Road
 at 43.26 chs. 38-72 Aspen saps.

July 9, 1935-

Began at stake # 72 continuing east on sec. line between 33 & 4
 72-80 Aspen Saplings
 Hit a Survey line dead on at 80.71 chs. line runs east & west
 sec. cor at this chainage
 Temp.

Section 33 Twp 145-N T1 R29W



All Lines Run With 7° Decl.

Used the Temp. sec. cor. established
by this survey running north on
sec. line between 33 & 34.

0-36 Aspen saplings

Hit Fireway # 3 at 10.54 chs.

(Local attraction encountered in
this vicinity)

July 10, 1935-

Ran north from stake # 36

on section line between 33 & 34

To Temp. sec. cor. set at 80 chs

36-50 Brush

50-70 Aspen saps.

70-74 Aspen poles

74-80 Aspen saps

Fire trail # 2 at 71.33 chs

July 12, 1935-

Began at Temp. sec. cor. set
by Swift. Sec. cor. 28-29-33

32. Ran west on line between
sec. 29 & 32, 0-57 Aspen saps.

57-64 Mix. Hardwood

July 13, 1935-

Began at stake # 64 running

west continuing ⁱⁿ sec. line 29-32

64-80 Aspen saplings
 Trail at 76.85-chs.
 Ran south from $\frac{1}{4}$ cor. on
 sec. line between 29-32
 0-20 Aspen saplings 20-24 MC.
~~20-32 Mix Hardwood 20-24 Ab~~
 7

July 15, 1935-

Began at stake # 24 running
 south on $\frac{1}{4}$ line sec. 32.

24-26 Mix. Hardwood

26-30 Brush

30-32 Aspen poles

32-40 Aspen saps.

40-44 Mix. Hardwood

44-79 Aspen saps.

Ran along East edge of plant-
 ation 32 to 76. Missed Swifts

#12 $\frac{1}{16}$ cor. 71 lks to the west

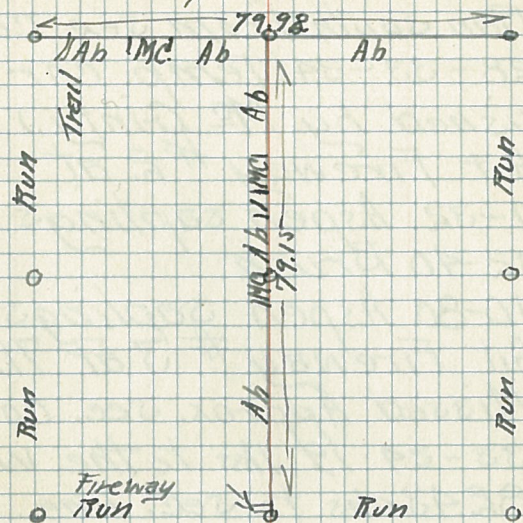
Intensect $\frac{1}{16}$ line at 60.06 chs

Hit #5 Fireway at 78.98 chs.

Missed $\frac{1}{4}$ cor. on south line of
 sec. 32 15 lks to the east.

Hit sec line at 79.15-chs.

Sec. 32 Twp 145-N R 29 W 11



7° Declination Used

July 16, 1935

Ran south from sec. cor. 27-
28-33-34 (Temp. cor. Estab.

lished by Mc Ginty.)

Hit Fireway #2 at
0-32 Aspen saplings

32-40 Brush

40-80 Aspen saplings

Hit Fireway #3 at 71.95 chs.

Missed Approx. sec. cor. sec.

33-34. 19 lks to the west

82.43 chs to sec. line.

July 17, 1935

Ran west from sec. cor. 4-5
-8-9 (Appr.) Established by
Groves on sec. line 588.

0-2 Plantation

2-8 Aspen poles

8-40 Plantation

40-51 Aspen saplings

51-54 Mix. Hardwood

54-56 Aspen saps.

56-62 Brush

62-72 Aspen saps - W. Pine

July 18, 1935-

Reran sec. line between sec.
5 & 8 beginning at same
cor. Ran south $88^{\circ}35'$ West
0-62 Type same as above
62-66 White Pine
66-72 Brush some Hardwood
72-76 Mix. Hardwood
76-80 Cedar swamp
Found 1 Bearing Tree &
placed 1 Location Fostor
at cor. (Appr.) sec. 5-6-7-8

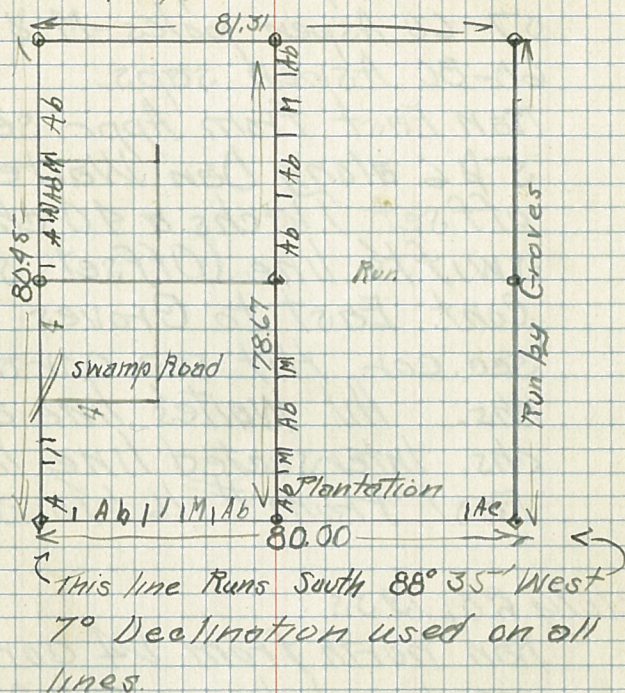
July 19, 1935-

Ran north from appr. sec.
corner 5-6-7-8
0-10 Aspen & Birch
10-14 Brush
14-42 Cedar swamp
Swamp Road at Rlchs.
42-50 Aspen & Birch

July 22, 1935-

continued north from stake
50 on sec. line 5 & 6
50-52 Aspen

13
Sec. 5- Twp. 144 N 17 R 9 W



52-57 Aspen saps.

57-60 Aspen poles - M & W. Pine.

60-80 Aspen saps.

Ran East from Appr. sec. cor.

5 p 6 along Dan Waite's line
offset 7.13 chs & 40 chs to
Swift's line. (Offset south)

Cont. East to Groves Temp.

sec. cor. Hit sec. cor at 81.31

chs. Hit Waite's line at 80.45

chs. Intersected line 1.10 chs

East from # 16 1/16 sec. 3R

July 23, 1935 -

Ran north from 14 cor on
sec. line between 5 & 8

0-8 Aspen saps.

8-12 Mix. Hard.

12-24 Aspen saps.

Ran parallel with Frisbie's
line crossing it at 10 chs

24-27 Ash saps.

27-54 Aspen saps.

54-64 Aspen saps. - W. Oak

64-74 Brush & W. Oak

74-80 Aspen saps

78

Missed offset $\frac{1}{4}$ cor on north
sec. line of 5-31 lks to the
East. Hit sec. line at 78.67 chs

July 24, 1935-

Ran North $88^{\circ}40'$ East from $\frac{1}{4}$
cor. on sec. line 5-26. Old $\frac{1}{4}$
stake 35- lks East of sec. line
& 30 lks South of $\frac{1}{4}$ line.

Location Foster 27 lks East of
section line & 28 South of $\frac{1}{4}$
line. Foster is on a Balsam
5.5" D.B.H. Hit swamp
road at 11.15 chs.

0-30 Cedar swamp

30-36 Mix. Hardwood

36-46 Aspen saps.

Missed center sec. stake 30 lks
to the south. Hit $\frac{1}{4}$ line at
40.17 chs.

July 25, 1935-

Ran North $88^{\circ}40'$ East from #
3 $\frac{1}{16}$ sec. 5- to # 4 $\frac{1}{16}$

0-8 Mix. Hardwood

8-12 Aspen saps

12-20 Aspen

Tran south from #4 $\frac{1}{16}$

0-3 Aspen saps.

3-6 Ash saps

6-9 Brush

9-14 W. Fine & Brush

14-18 Brush

18-32 Cedar swamp

32-34 Aspen saps.

July 26, 1935 -

Continued south from #34
stake to #11 $\frac{1}{16}$ cor.

34-40 Aspen saps.

Tran West from #11 $\frac{1}{16}$ cor.
to #10 $\frac{1}{16}$ cor sec. 8

0-2 Aspen saps

2-20 Cedar swamp

Missed #10 $\frac{1}{16}$ cor. 6 iks to
the south. Hit sec. line at
19.80 chs. Hit swamp road at
4.25 chs. (The line between #11
 $\frac{1}{16}$ cor & #10 $\frac{1}{16}$ runs south
88°40' West)

July 29, 1935-

Ran west from stake #14
to #15-1/16 cor. Was 37 lks
north from blazed line.
offset 37 lks to line & Ran
south 89° west.

0-36 Cedar swamp

36-50 Aspen saps

50-61 Mix. Hard. saps.

swamp road at 30chs.

Hit sec. line at 61.65-chs.

Missed G₂O sec. cor. pipe
131 lks. to the south.

July 30, 1935-

Reran 4lchs. from #15-1/16
sec. 6 To sec. cor. 6-7-1-1R

Type: same as July 29.

(Ran north from 1/4 cor)

(on sec. line 6-7.) Hit sec.

line at 61.66chs. Missed

sec. cor. 6-7-1-1R 17 lks

to the south.

0-12 Cedar swamp

12-16 Brush

16-20 Mix Hard

July 31, 1935-

Ran north from #12 1/16 cor.
sec. 6

0-32 Brush. Swamp road
at 32.15 chs

32-44 Dead Cedar & Brush

44-66 Brush

66-77 Mix Hardwood

Trail at 65 chs

Hit sec. line at 77.18 chs

Missed stake #18 58 lks to the
East.

Aug. 1, 1935-

Ran West from 1/4 cor. on sec.
line 5-6 South 89°40' West

0-4 Cedar swamp

4-13 Mix. Hardwood

13-15 Ash saplings

Swamp Trail at 3.50 chs.

15-32 Mix Hardwood

32-38 Cedar & Balsam saps

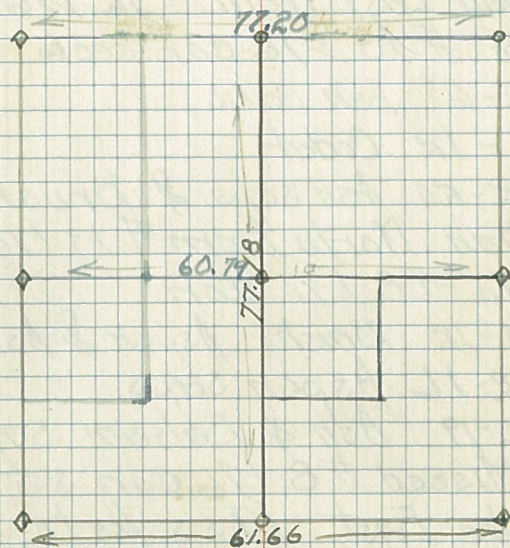
38-44 Dead Cedar & Brush

Swamp Trail at 43.30 chs

Missed center section cor. 68 lks

To the south Hit 1/4 line at 39.55
chs.

18
Sec. 6 Twp. 144N R 29W



Used 7° Declination

The North line of this section was
run by Fat Henry. The East & West
lines by me. Notes on them are to
be found elsewhere. The North
line of section not having common
corners.

August 5, 1935

Ran East from # 12 $\frac{1}{16}$ cor
to # 13 $\frac{1}{16}$ cor. sec 6

0-6 Ash saps

6-12 Cedar

12-20 Ash saps & Brush

Ran North from # 13 $\frac{1}{16}$ Cor.

To # 8 $\frac{1}{16}$ Cor.

0-12 Brush - Aspen & Ash saps

12-16 Aspen saps.

16-19 Ash & Balsam saps.

Missed # 8 $\frac{1}{16}$ Cor. 55 lks to
the East. 19.55 lks to $\frac{1}{4}$ line.

August 6, 1935 -

Ran West from Temp sec. cor

5 & 6 along Dan Waite's line

to his sec. cor 31 & 32. Hit

it at 21.86 chs. Offset south

to Fat Henry's line. (South

line of 31) 2.69 chs & cont.

West along it. Hit Temp.

$\frac{1}{4}$ cor. Established by

$\frac{1}{4}$ line Run in from the

south at 39.32 chs. Hit G.L.D.

$\frac{1}{4}$ cor pipe at 58.54 chs

This 1/4 cor is for sec. 31
Faish - Ah - Cumig road at
72.45 chs. 77.20 chs to
G.L.O. sec. cor. pipe for
sec. 1 & 6.

Ran West from stake #44
on East & West 1/4 line sec 6
(This line runs due West
from #40 stake) (From
0-40 it runs south 29°40'
West)

44-48 Brush

48-52 Aspen saps

52-58 Brush

58-60 Cedar Swamp

Hit trail (old) at 48.20 chs

Hit Old trail at 57 chs

Missed G.L.O. 1/4 pipe

59 lks to the south

Hit sec line at 60.79 chs.

August 7, 1935 -

Ran south 12° East from

Approx. #2 1/16 sec. 6

0-10 Brush

10-16 Old field

16-38 Brush

Local attraction at #2 1/16
cor. sec. 6. Missed Approx
#9 1/16 cor. 1.48 chs to
the West.

Reran 16 chs beginning
at approximate #9 1/16
cor. 0-16 Brush.

August 13, 1935

Ran due east from Approx.
#10 1/16 cor. 10.38 chs to
#11 1/16 cor. (Approx.)
creek at 3.80 chs.

5-10 Brush

Ran north from #11
1/16 cor. (Approx.) sec. 6
To Approx. #9 1/16 cor.
0-1 Brush

1-4 Meadow

creek at 1.20 chs.

Old logging road at 7.80
chs. Trail at 12.95 chs.

4-14 Brush

14-18 Aspen saps

Ran north 12° East
from stake #16 as before
to #2 1/16 cor. (Approx.)

(Hit 14 line at 18.22 obs
(Missed # 9 1/6 cor 23 lks.)
16-29 Brush (To the west
24-28 Old Field
28-38 Brush
Missed Approx. # 2 1/6 cor.
61 lks to the east.
Hit sec. line. at 38.73 obs.

August 14

Bearing north $89^{\circ}50'$ west
from sec. cor. 9-10-15-16
B.T.s at sec. cor.:

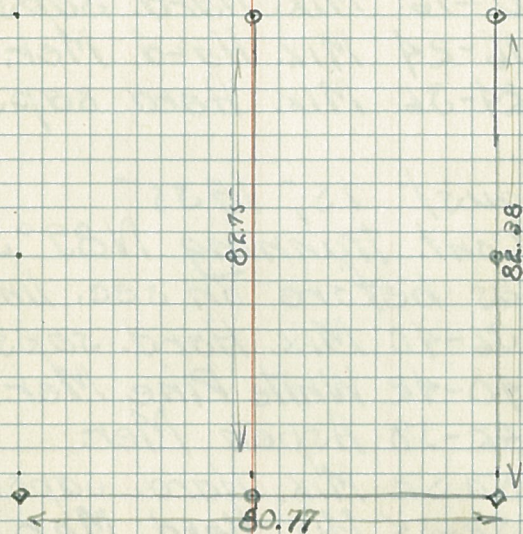
Aspen snag 11" D.B.H.
S $61^{\circ}30'$ W 20 lks
Reading: T144 N R29 W S16
B.T.

White Oak 10" D.B.H. N 10° W
81 lks. Reading: T144 N
R29 W S9 B.T.

White Oak 12" D.B.H. S $75^{\circ}0'$ E
41.5 lks. Reading: T144
N R29 W S15 B.T.

Sec. 9 Twp. 144 N R29 W

22



F.S. Poster on aspen 13"
D.B.H. S 89°W 17 lbs
0-16 Mix. Hard. saps.
16-24 Mix. Hard. Mer.
24-36 Mix. Hard saps.

August 15, 1935-

Cont. running N 89° 50' W
as before on sec. line 9-16
36-40 Mix. Hard. saps.
40-42 White Pine Mer.
42-50 Aspen Mer.
50-52 Mix. Hard. saps.
52-54 Mix. Hard. Mer.
54-58 Birch saps.
58-80 Mix. Hard. saps &
some Mer.
Missed G.L.O. sec. cor 8-9.
16-17 60 lbs to the south.
Hit sec. line 16-17 at
80.77 chs.

August 16, 1935-

Began rerunning sec.
line starting at sec. cor.
9-10-15-16 Going North
on line between 9 & 10

Ran N 1050' W
0-2 Mix Hard. saps
2-14 Mix Hard. Mer.
14-60 Mix. Hard. Saps.
Old trail at 35.05 chs
" " " 42.82 chs
" " " 46.54 chs

August 19, 1935-

Continued north 1050' West
on sec. line 9 & 10

60-82 Mix. Hard. saps.

old trail at 79.04 chs.

Missed sec. cor. 13 lks to the
east. Temp. sec. cor. 3-4-
9-10 at 82.38 chs.

Ran south 30' east from
Approx. 1/4 cor on sec. line
4-9.

0-12 Aspen

~~12-14~~ Willow Brush

14-19 Meadow

19-32 Aspen saps

Old trail at 28.40

August 20, 35-

Continued South 30' east on

14 line sec. 9

32-41 Aspen saps.

41-49 Aspen poles

49-54 Mix. Hard. saps

54-60 Aspen

60-65 Mix. Hard. saps

65-68 Mix. Hard Mer.

68-82 Mix Hard saps

Missed Approx. $\frac{1}{4}$ cor. 1.24 ch
to the west. Hit sec. line at
82.75 chs.

August 22

Began at G.L.O. M.C. pipe on
Lydie Lake on sec. line of
T145-NR30W. Tunn-
ing west. Offset 8 lks to G.
L.O. Random line.
B.T.s at M.C. cor.

Aspen stub 2.5" D.B.H.

N73°30'W - 18 lks. Reading: B.T.

Birch sap. 2.75" D.B.H. S 46°
W 8.5 lks. Reading: T145-N
NR30W SIR M.C. B.T.
(Bark scribe.)

26
south

Offset 8 lks to G.L.O. random
line. 0-4 Aspen saps.

4-10 Jackpine saps.

Trail at 4.35 chs.

Nordick road at 10.32 chs

10-14 Brush

14-21 Aspen saps.

Hit G.L.O. 1/4 pipe at 21.36 chs

G.L.O. Random line 70 lks to
the south. Continued south

89° west

0-2 Bog Birch

2-11 Tamarack saps

11-13 Ridge

13-32 Tamarack saps

32-39 Cedar

Hit G.L.O. random line
at 30 chs. Ran due west
along it to sec. cor.

Hit sec. cor. G.L.O. pipe at

1-2-11-12 at 39.71 chs.

Missed it 3 lks to the south

B.T.s at sec. cor. 1-2-11

12

Cedar 7" D.B.H. N 64° 30' E

17 lks Reading.

T145-N R30W S1 B.T.

Tamrack 10" D.B.H. N30°W
31 lbs Reading: T145-N R30
W S2 B.T.

Cedar 4" D.B.H. S15°E 16.5 lbs
Reading: T145-N R30W S12 B.T.

Cedar 4" D.B.H. S45°W 5 lbs
Reading: T145-N R30W S11 B.T.

F.S. Poster on B. spruce stub
6" D.B.H. S38°W 9 lbs

August 23, -35

Ran due south from G.L.O.

sec. cor pipe 1-2-11-12

0-4 Cedar & spruce

4-6 Brush

6-15 Aspensaps.

15-24 Jackpine

24-26 Meadow

26-39 Jackpine

Hit Nordick road at 34.55 chs

LA cor. at 39.44 chs.

Missed it 3.5 lbs to the west.

Ran South 5' East from 14
cor on sec. line 11-12

0-8 Brush

8-24 Meadow

24-31 Brush

31-39 Jackpine

Missed G.L.O. sec. cor. pipe

11-12-13-14 5.5 lks to the East

39.46 chs to sec. cor.

13. Ts at sec. cor. 11-12-13-14:

Jackpine 7" D.B.H. S 18° W 32.5 lks

Reading: T 145 N R 30 W S 14 T. T.

Norway 14" D.B.H. N 42° W 178 lks

Reading: T 145 N R 30 W S 11 T. T.

Jackpine. 8" D.B.H. N 35° E

45.5 lks. Reading: T 145 N

R 30 W S 12 T. T.

F.S. Poster on Jackpine

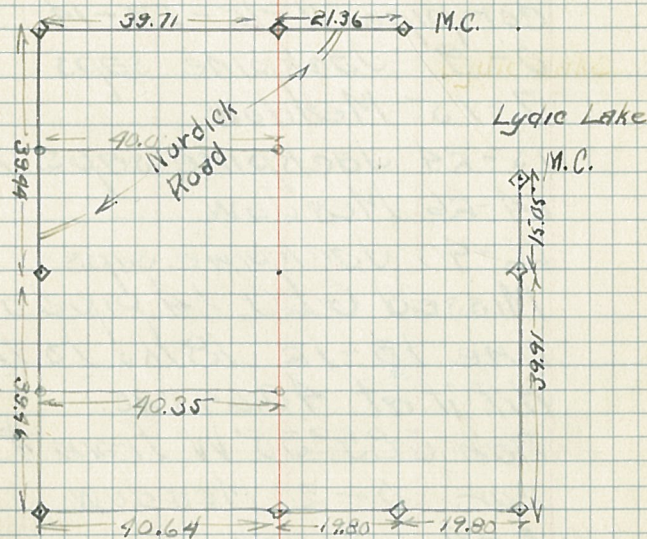
6" D.B.H. N 49° E 17 lks

Jackpine stump 7" D.B.H. S 36°

E 34 lks Reading: T 145 N

R 30 W S 13 T. T.

T. 145 N R. 30 W Sec. 12



August 26, '35-

Tran due East from G.L.O. sec

cor pipe 11-12-13-14

0-9 Jackpine saps

7-15 Meadow

15-24 Jackpine saps thin

24-26 Meadow

26-40 Jackpine saps

Missed G.L.O. $\frac{1}{4}$ pipe on sec

line 13-12 18 k's to the south

Hit it at 40.64 chs.

Tran $589^{\circ}30'W$ from #12 $\frac{1}{6}$

cor. 0-2 Meadow

2-4 Brush

4-6 Meadow

6-9 Aspen saps

9-12 Meadow

12-16 Aspen saps

16-28 Brush

28-34 Asp saps

34-37 Meadow

37-39 Brush

39-40 Meadow

Hit sec. line 11-12 at 40.38 chs

Miss. Approx $\frac{1}{6}$ cor #10 sec

12 in in k's to the north.

August 27, -35-

Corrected line between
True #12 $\frac{1}{16}$ & #10 $\frac{1}{16}$
Estab. True #11 $\frac{1}{16}$ cor.

Ran due East from $\frac{1}{4}$
G.L.O. pipe to #15 $\frac{1}{16}$ cor
sec. 12 (G.L.O. pipe)

0-10 Norway & Jack pines
Trail at 5.48 ahs.

Trail at 10.40 ahs

10-20 Brush

B.T. set $\frac{1}{16}$ cor #15 in
sec. line 12 & 13.

Tam. 4" N30°E 40 lbs
Read. $\frac{1}{16}$ 812 B.T.

Tam. 4" S60°E 39 lbs
Read. E $\frac{1}{16}$ 513 B.T.

Missed #15 $\frac{1}{16}$ 23 lbs to the
north. Hit it at 19.80 ahs.

Ran North 89°56' West
from #5 $\frac{1}{16}$ cor sec. 12 (True)

0-6 Aspen sap

6-8 Jackpine poles

8-12 Aspen sap

12-26 Brush

26-30 Jack pine poles

August 28, -35

Ran S 89°56' West from
stake #30 on $\frac{1}{16}$ line betw.
#5 $\frac{1}{16}$ & #3 $\frac{1}{16}$ as before

30-34 Brush

34-40 Jack saps thin

Corrected $\frac{1}{16}$ line
Having Missed True $\frac{1}{16}$ #
3 34 lks to the north. Hit
sec. line at 40 chs (True)

Ran S 89°24' East
from GLO #15 $\frac{1}{16}$ cor pipe
sec. 12

0-6 Team pole

6-19 Bog

Missed GLO sec. cor pipe

7-18-13-12 11 lks to the
north. Hit it at 19.80 lks

B.T. at sec. cor 7-18
12-13 (GLO pipe)

Jack 10" S 54° E 117 lks. Read.

T145 N T129 W S 18 B.T.

F.S. Poster on it.

Jack 14" N 75° E R 12 lks
Read. T 145 N R 29 W S 7 BT.

Jack 18" N 10° W R 66 lks
Read. T 145 W R 30 W S 12 BT.
Tran ^{due} north from sec
cor GLO pipe 12-18-7-18
0-4 Meadow
4-8 Jack poles
8-12 Jack saps
12-16 Brush
16-20 Jackpine

August 30, - 35 -
Tran due north from
Temp. 1/4 cor # 14 sec 12
20-24 Jack. Mer.
24-28 Brush
28-34 Jackpine
34-36 Brush
36-39 Jack saps
Missed GLO 1/4 cor pipe 2
lks to the east. Hit it at
39.91 chs. Cont. north ^{or s-w} from
1/4 cor to M.C. cor on Lydie
Lake. 0-7 Jack saps
7-10 Muskeg

10-15 Jack saps
 Missed M. C. cor on Lydie
 Lake 1 lk to the East. Hit it
 at 15.05-chs
 B. Ts at M. C. cor.

Jack sap 3" S 27° E 96 lks Tread.
 T145-N R29W S7 M.C. B.T.

Jack sap 4" S 41° W 42.5 lks
 Tread. T145-N T 30W S 12 MC BT.

Tran due west from GLO
 1/4 pipe on sec line 11-12
 0-20 Brush
 20-24 Jack poles
 Nordick Road at 20.75-chs
 24-32 Jack saps thin
 32-36 Jack poles

NOV 10-35

RAN north from #15 1/6 to
#6 1/6 sec. 17. Use $5\frac{1}{2}^{\circ}$ Decl.

0 to 8 ASPEN with BALSAM un-
derstory.

8 to 10 Willow brush.

10 to 20 ASPEN with BALSAM und-
erstory.

20 to 39 TAMARACK poles & saplings

39 to 40 ASPEN

Intersected EAST & WEST
1/4 line At 40 chs 17.41 ks.

Missed temp. #8 1/6 Cor. 72.61 ks.

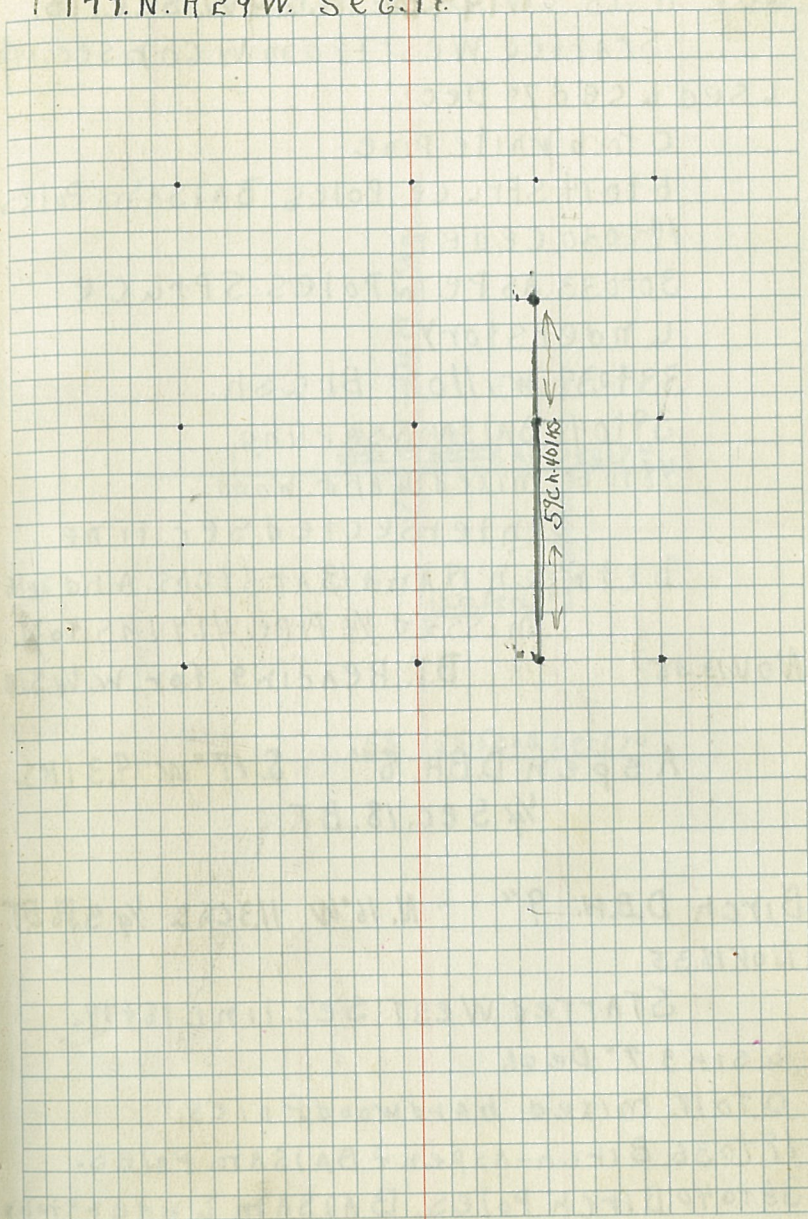
40 to 50 ASPEN

5 to 60 TAMARACK.

Intersected east and WEST
1/6 line 59 chs 401 ks.

Missed #6 1/6 temp. 1 ch. + 401 ks.

T144.N. R29W. Sec. 17



Nov. 11-35 T. 144^{N.} R. 29W. Sec. 18.

Started West from $\frac{1}{4}$ Cor. sec. 18

Used used 7° Decl.

0 to 6 white pine

6 to 14 Spruce Poles. BALSAM Poles

14 to 30 Cedar

30 to 33 ASPEN Poles. Spruce

Understory.

33 to 39 Willow brush.

39 to 48 BALSAM Sapling.

48 to 60 mixed hard wood.

intersected Sec. line

between 18 and 19 at 59 chs. and 20/4

missed $\frac{1}{4}$ pipe 41.9 lks. to N.

Nov. 13. 35

B.T. Reading for w. $\frac{1}{4}$ S. 18

Aspen D.B.H. 8" S. 17° W. 9.3 lks.

$\frac{1}{4}$ Sec. 18. B.T.

Birch D.B.H. 9" N. 16° W. 11.3 chs. $\frac{1}{4}$ S. 18 B.T.

Nov. 18. 35

Started West Sec. line 18+19.

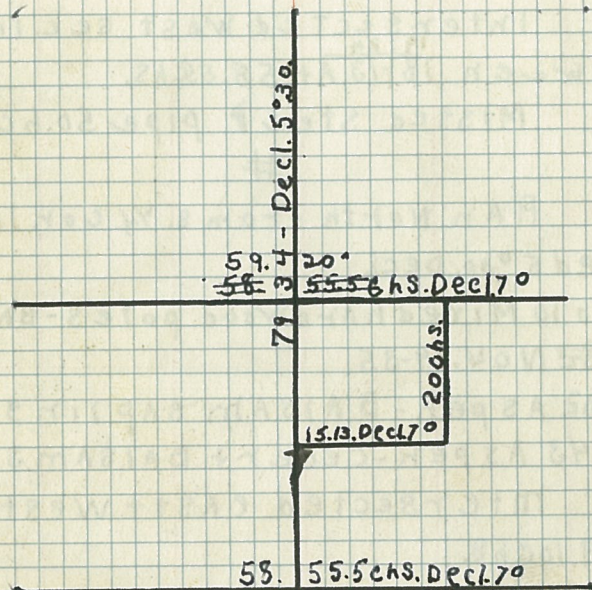
Using 9° Decl.

0 to 17. mixed hardwood Poles.

17 to 36. Birch-Aspen + BALSAM Poles.

36 to 40 Birch Poles. BALSAM Understory

35
T. 144 N. R. 29 W. Sec. 18.



40 to 48 Aspen - Birch Poles BALSAM SRS
48 to 52 yellow Birch - Ash Poles.
52 to 55.5 Maple + Elm Poles.

Intersected West sec. line
between ^{19 24} 18 1/3 At 58.58 chs.

Missed Steep pipe 50.6 chs.

#

Ran North from s. 1/4 cor. line 18-1/2
using 5°30. decl.

0 to 10 Mixed hardwood poles - BALSAM SRS
~~10 to 32~~ NOV. 19-35.

10 to 32 Aspen - BALSAM saplings.
32 to 43 Aspen - cedar + BALSAM saplings.

Intersected east + west 1/4 line
At 39.10 chs.

Missed center sec. stake 351 ks.

43 to 60 Birch - BALSAM poles.

found 1/4 line run from #5 1/16
north to sec. line 18. 1/4 cor.

Intersected #5 1/16 At 59.34 chs.

Missed #5 1/16 15.21 ks. to the west.

NOV. 20-35.

Ran south from temp. #8 1/16
cor. using 5°30. Decl

0 to 20 Birch Aspen poles.

T. 144 N. R. 29 W. Sec. 18.
Ran West from #13 $\frac{1}{16}$ using 70°
Decl.
0 to 3 Birch-Aspen poles.
3 to 10 tamarack.
10 to 16 Aspen-BALSAM poles.
Intersected North $\frac{1}{4}$ ^{South}
line at 15.3 chs.
Missed temp #12 $\frac{1}{16}$
cor. 32.21 ks.

#

T. 144 N. R. 29 W. Sec. 19.
Ran South sec. cor. $\frac{18}{19}$ $\frac{17}{20}$ using $5^\circ 30'$ Decl.
0 to 40 mixed hardwood.

Nov. 21. 35.

Intersected E $\frac{1}{4}$ cor. at 39.35
chs.

E. $\frac{1}{4}$ Bearing trees.

Aspen 8" D.B.H. N $67^\circ 30'$ East. 38.41 ks. $\frac{1}{4}$ S. 208 ft
Maple 13" D.B.H. 66.71 ks. S 20° E $\frac{1}{4}$ S. 19. B.T.

Hit Ottertail Road at
42.35 chs.

40 to 79.83.8 chs.

Intersected Sec. line
South at 79.83.8 chs.

T. 144 N. R. 29 W. Sec. 19.

NOV. 21. 1935

Missed steel pipe 15.31 ks

B.T. Reading for section

TAMARACK. SHAG 14" D.B.H.

N. 47° W. 38.21 ks. T. 144 N. R. 29 W. S. 19. B. T.

TAMARACK. 7" D.B.H.

S. 31° W. 25.51 ks. T. 144 N. R. 29 W. S. 30 B.

TAMARACK - 11" D.B.H.

S. 53° E. 21.11 ks. T. 144 N. R. 29 W. S. 29 B. T.

TAMARACK. 10" D.B.H.

N. 19° E. 29.91 ks. T. 144 N. R. 29 W. S. 20. B. T.

NOV. 22. 35

Ran west on sec. line

19-30 using 7° Decl.

0 to 13.47.4 chs. - Mixed HARDWOOD.

Intersected #15 1/16 Cor

A + 13.47.4 chs.

BEARING trees A #15 1/16

Maple 12" D.B.H. N. 49° E. 20.51 ks. E. 46 S. 19

13.47.4 to 27.3 Mixed HARDWOOD

Hit S 1/4 Cor. A + 27.3 chs.

Missed steel pipe 28.71 ks.

T. 144 N. R. 29 W. Sec. 19.

T. 144 N. R. 29 W. Sec. 19.

S. $\frac{1}{4}$ cor. B.T.'s.

E 1 m - 11" D.B.H. N. $46^{\circ}30'$ E. 31.11 Ks. $\frac{1}{4}$ S. 19 B.T.

BASSWOOD 14" D.B.H. S. 86° E. 10.71 Ks. $\frac{1}{4}$ S. 30 B.T.

Continued West from S. $\frac{1}{4}$

27 to 52.58.9 chs. Mixed Hardwood.

Hit Ottertail Road At

32.68 chs.

NOV 25.35.

1 Hit sec. line 19/24 At'

52.58.9 chs.

Missed steel pipe 55.6

1 Ks. to the North.

B.T. Reading sec. cor. ~~19~~

$\frac{30}{19} \frac{25}{24}$

E 1 m. 10" D.B.H. N. 5° E. 63.31 Ks.

T. 144 N. R. 29 W. S. 19 B.T.

E 1 m 10" D.B.H. N. 32° W 23.71 Ks.

T. 144 R. 30 W. S. 25 B.T.

E 1 m ~~13~~ 13" D.B.H. S. 36° E. 60.41 Ks.

T. 144 N. R. 30 W. S. 30 G. 1.0 error R. 29

Correct.

T.144N.R.29W. S.19.

Nov. 26.35.

Ran north from sec. cor $\frac{39.25}{19.24}$

using 10°30. Decl.

to 41.84 chs. Mixed Hardwood.

Hit Ottertail Road At

5.5 chs. North of sec. cor.

Hit Road At 18.5 chs. Nor

th of sec. cor.

Hit W. $\frac{1}{4}$ At 41.84 chs.

Missed steel pipe

8.91 ks to the East.

B.T.S for W. $\frac{1}{4}$ S. 19.

Dec. 6.35.

MAPLE 11" D.B.H. N. 25°30' W.

22.41 ks. $\frac{1}{4}$ S. 24. B.T.

Started North from

W. $\frac{1}{4}$ cor. using 7°30. Decl.

to 34 Mixed Hardwood.

34 to 40.2.9 chs. Mixed Hard

wood and cedar.

* Hit sec. line $\frac{18}{19}$ At

40.2.9 chs.

Missed steel pipe

1.71 ks. to the West.

~~T. 144 N. R. 29. T. 144 N. R. 29 W. S. 19.~~

Dec 7.35.

8 RAN West from E. $\frac{1}{4}$ cor.
Sec. 19. 2 sedg. Dec.

0 to 13 Mixed Hand Wood Poles

Hit #8 $\frac{1}{16}$ cor. At 13. 4 chs.

Missed steel pipe

24.8 kts. to the north.

B.T. for #8 $\frac{1}{16}$.

BALSAM 10" D.B.H. N. $57^{\circ}15'$ E.

14.7 kts. E $\frac{1}{16}$ S. 19. B.T.

Aspen 10" D.B.H. N. 16° W. 13.3 kts

CE $\frac{1}{16}$ S. 19 B.T.

Continuing West
from #8 $\frac{1}{16}$.

0 to 10 Aspen Poles.

10 to 16 BRUSH.

76 to 23 Meadow.

23 to 43 Mixed Hand Wood Poles.

Hit $\frac{1}{4}$ cor. center cor. AT

43.33.4 chs.

Missed steel pipe

3.6 kts. to the north.

Dec. 8.35.

T. 144 N. - R. 30 W.

SEC. - 35

JUNE 9, 1936

5 MAN CREW

STARTING AT SECTION CORNER $\frac{34}{35}$

RAN EAST (DEC. 7.30)

0-20 CHS. MIX. HARDWOOD

SET UP TEMPORARY $16\frac{1}{2}$ COR. $\frac{35}{2}$ RAN

NORTH (DEC. 7.30)

0-10 CHS. MIX. HARDWOOD

11 CHS. 44 IN. HIT OLD BENA ROAD #457

10-20 CHS. JACK PINE (b)

CHECKED IN 2 CHS. NORTH $11\frac{1}{2}$ COR.

T. 144 N. - R. 30 W.

SEC. - 35

JUNE 10, 1936

5 MAN CREW

STARTING 2 CHS. NORTH $11\frac{1}{2}$ COR. RAN
NORTH (DEC. 7.30)

2-12 CHS. - JACK PINE (b)

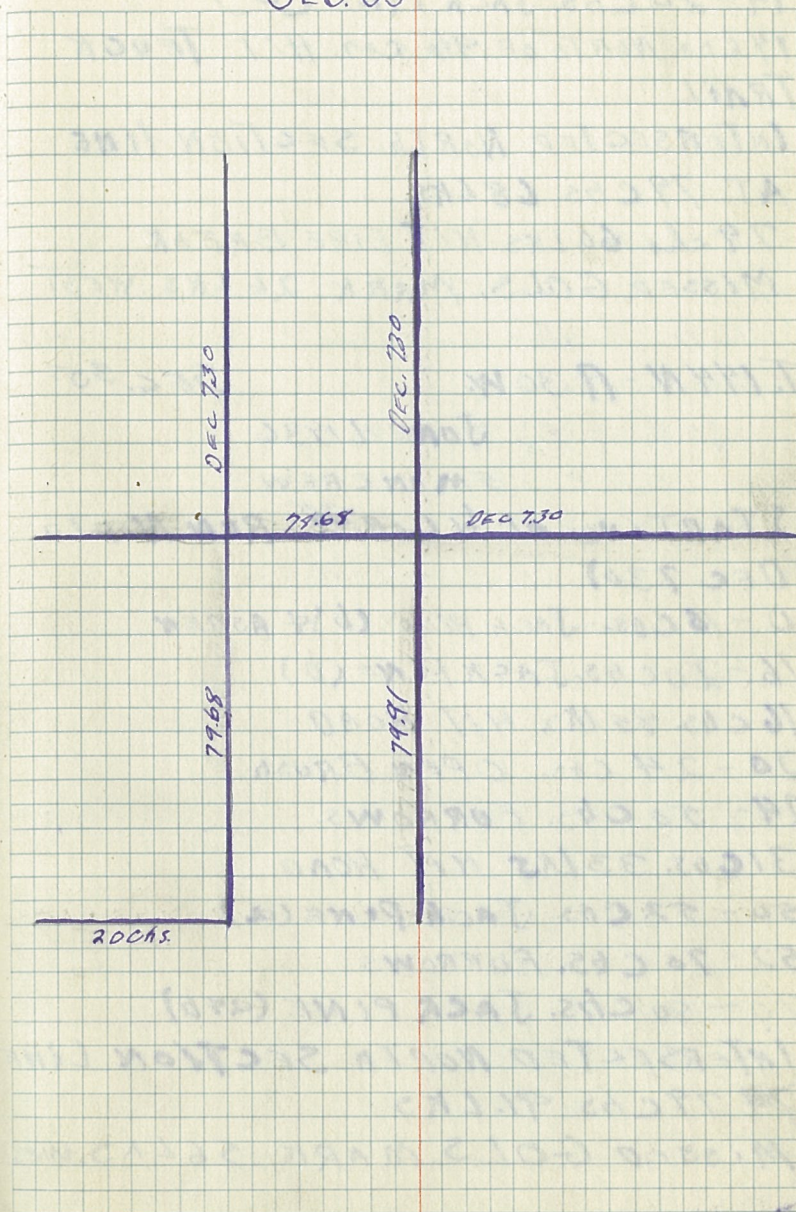
12-20 CHS. - BRUSH + SOME JACK PINE (b)

0-14 CHS. - BRUSH + SOME JACK PINE (b)

18 CHS. NORTH OF $11\frac{1}{2}$ COR. 5 NORWAY
SEED TREES.

10 CHS. NORTH OF $9\frac{1}{2}$ COR. HIT CORNER
OF FURROWS.

SEC. 35



14-20 CHS. JACK PINE (C)
14 CHS. NORTH OF $9\frac{1}{2}$ COR. HIT TRUCK
TRAIL

INTERSECTED NORTH SECTION LINE
AT 79 CHS. 68 LKS.

79 CHS. 60 LKS. HIT FIRE BREAK
MISSED G.O.L.S. MARK 26 LKS. WEST

T. 144 N. - R. 30 W. SEC. 35

JUNE 11, 1936

5 MAN CREW

STARTING AT $\frac{1}{4}$ COR. $\frac{35}{2}$ RUN NORTH
(DEC 7.30)

0-16 CHS. - JACK PINE (b) & ASPEN

16-20 CHS. JACK PINE (b)

16 CHS. 85 LKS. HIT ROAD

20-24 CHS. OPEN BRUSH

24-50 CHS. FURROWS.

31 CHS. 33 LKS. HIT ROAD

50-52 CHS. JACK PINE (a)

52-70 CHS. FURROWS

70-80 CHS. JACK PINE (a & b)

INTERSECTED NORTH SECTION LINE

~~79~~ 79 CHS. 91 LKS

MISSED G.O.L.S. MARK 56 LKS. WEST

T. 144 N. - R. 30 W.

SEC. 35

JUNE 12, 1936

5 MAN CREW

STARTING AT $\frac{1}{4}$ COR. 35³⁶ RUN WEST
(DEC 730)

0-8 chs. JACK PINE (b)

8-40 chs. FURROWS

11 chs. 36 LKS. HIT ROAD

40-52 chs. OPEN

52-60 chs. - BRUSH

60-80 chs. JACK PINE (b)

70 chs. 64 LKS. HIT TRUCK TRAIL

77 chs. 52 LKS. HIT ROAD

INTERSECTED EAST SECTION LINE

78 chs. 68 LKS.

MISSED G.L.O.S. MARK 18 LKS. NORTH

T. 144 N. - R. 30 W.

SEC. 36

JUNE 15, 1936

5 MAN CREW

STARTING AT $\frac{1}{4}$ COR. $\frac{35}{36}$ RUN EAST
(DEC 730)

0-12 chs. FURROWS & BRUSH

12 chs. 9 NORWAY SEED TREES

12-24 chs. JACK PINE (b)

20 chs. ESTABLISHED TEMPORARY

7953

DEC 730

9 $\frac{1}{2}$ COR.

24-38 CHS. FURROWS

38-52 CHS. BRUSH-SOME JACK PINE (b)

40 CHS. ESTABLISHED TEM. CENTER $\frac{1}{2}$ COR.

52-60 CHS. MEADOW

53 CHS 94 LKS. - TRUCK TRAIL

56 CHS. 51 LKS. HIT CREEK

60-64 CHS. JACK PINE (b)

64-72 CHS. MEADOW

72-80 CHS. JACK PINE (b)

INTERSECTED EAST SECTION 79 CHS.

83 LKS.

T. 146 N - R 30 W.

SEC. 26

JUNE 16, 1936

5 MAN CREW

STARTED AT $\frac{1}{4}$ COR. ^{26/30} 36/31 RUN

SOUTH (DEC. 7.30)

0-8 CHS. MEADOW

8-14 CHS. FURROWS

14-18 CHS. BRUSH

18-26 CHS. MEADOW

ESTABLISHED TEM. $\frac{1}{16}$ COR AT 20 CHS.

23 CHS. 52 LKS. - LYDICK BROOK

26-38 CHS. JACK PINE (c) & MIX. H.

ENDED 38 CHS. NORTH OF $\frac{1}{4}$ COR

T. 146 N. - R. 30. W.

SEC. 26

JUNE 23, 1936

STARTED AT $\frac{1}{4}$ COR. 26/25 RUN
NORTH (DEC 7)

40-64 CHS. JACK PINE (b)

52 CHS. 78 LKS. - TRUCK TRAIL

MISSED G.L.O.S. $\frac{1}{16}$ COR. 18 LKS. EAST.

62 CHS. 38 LKS. - TRUCK TRAIL

64-70 CHS. JACK PINE (c)

70-80 CHS. ASPEN (b)

INTERSECTED NORTH SEC. LINE 80 CHS.

MISSED G.L.O.S. COR. 50 LKS. EAST

STARTED AT $\frac{1}{4}$ COR $\frac{23}{26}$ / $\frac{24}{26}$ RUN
WEST (DEC 7)

0-12 CHS. ASPEN (b) & BRUSH

12 CHS. 15 NORWAY TREES

12-16 CHS. SWAMP SPRUCE & TAMM

16-20 CHS. ASPEN (c)

20-CHS MISSED G.L.O.S. $\frac{1}{16}$ COR. 7 LKS. N.

T. 146 N. - R. 30. W.

SEC. 26

JUNE 24, 1936

5 MAN CREW

STARTED AT $\frac{1}{16}$ COR 26/23 RUN WEST

SEC. 26

(DEC. 7.)

20-24 CHS ASPEN & MIX. (b)

25 CHS 16 LKS. - TRUCK TRAIL

24-30 CHS. BRUSH

30-32 CHS. ASPEN (b)

32-40 CHS. BRUSH

MISSSED G.L.O.S. $\frac{1}{4}$ COR. 24 LKS. N 6 LKS. W

STARTED AT G.L.O.S. $\frac{1}{4}$ COR.

40-44 CHS. JACK PINE (b)

44-50 CHS. BRUSH

47 CHS. 43 LKS. - ROAD

51 CHS. 80 LKS. - ROAD

50-56 CHS. ASPEN

56-80 CHS. JACK PINE (b+c)

60 CHS. ESTABLISHED T.E.M. $\frac{1}{2}$ COR.

INTERSECTED WEST SECTION LINE 80 CHS

MISSSED G.L.O.S. $\frac{1}{4}$ COR. 25 LKS. WEST

T. 146 N. - R. 30 W.

SEC. 26

JUNE 25, 1936

SMAN CREY

STARTED AT $\frac{1}{4}$ COR. $\frac{2293}{2726}$ RUN SOUTH
(DEC. 6.30)

0-20 CHS. JACK PINE (b+c)

MISSSED G.L.O.S. $\frac{1}{2}$ COR. 3 LKS. EAST

20-38 Chs. JACK PINE (C)
38-40 Chs. BRUSH + ASPEN
40-48 Chs. MEADOW
40 Chs. MISSED GLOS $\frac{1}{4}$ cor. 9 LRS. E.
48-52 Chs. ASPEN (C)
52-60 Chs. JACK PINE (C)
60 Chs. MISSED GLOS. $\frac{1}{16}$ cor. 24 LRS. W
60-62 Chs. ASPEN
62-64 ASPEN + MEADOW
64-66 Chs. ASPEN
66-74 Chs. JACK PINE (C)
ENDED 74 Chs. SOUTH OF $\frac{1}{4}$ COR.

T. 146 N-R. 30 W.

SEC. 26

JUNE 26, 1936

5 MAN CREW

T144N. R29W. Sec. 4.

Nov. 3, 1936

Started North from #9 $\frac{1}{16}$ cor.

using 7° Decl.

0 to 4 chs. white pine.

4 to 38 chs. 45 lks. Aspen saplings.

Scattered white pine.

Hit ottertail road at 25 chs.

15 lks.

Hit sec. line at 38 chs.

45 lks.

Missed #2 $\frac{1}{16}$ cor 23 lks to the

east.

Nov. 4-1936. Sec. 4. 7° Decl.

Started east #10 $\frac{1}{16}$

0 to 20 Mixed Hard Wood Patches

of white pine.

Hit west $\frac{1}{16}$ 19 chs. 48 lks.

Missed #11 $\frac{1}{16}$ cor. 7.6 lks N.

20 to 40 Mixed Hard Wood Scattered

white pine.

Intersected North and south

$\frac{1}{4}$ line at 23 chs. 73 lks.

Missed #12 $\frac{1}{16}$ cor 5.3 lks S

20 to 60 Mixed Hard Wood some white

pine.

49
144N. R29W Sec 4.

T 144N R 29W. Sec 4. 7° Decl.

NOV. 4. 1936.

Hit # 13 1/16 At 60 chs. 44 1/2 Ms.

Missed # 13 1/16 Temp. cor. 10 1/2 Ms
to the North.

NOV. 5-1936.

Ran east from # 13 1/16 Temp.
Cor.

60 to 90 chs. Mixed Hard Scattered
White pine. Hit East Sec.
line At 8 1/2 chs. 46 1/2 Ms.

Missed # 14 1/16 65 1/2 Ms. to the south.
7° Decl.

Started from # 7 1/16 Temp
Cor.

0 to 20 Mixed Hard Wood, Large
Patches of White pine and
Norway.

20 to 40 Mixed Hard Wood Scattered
White pine.

Hit # 6 1/16 At 20 chs. 62 1/2 Ms.

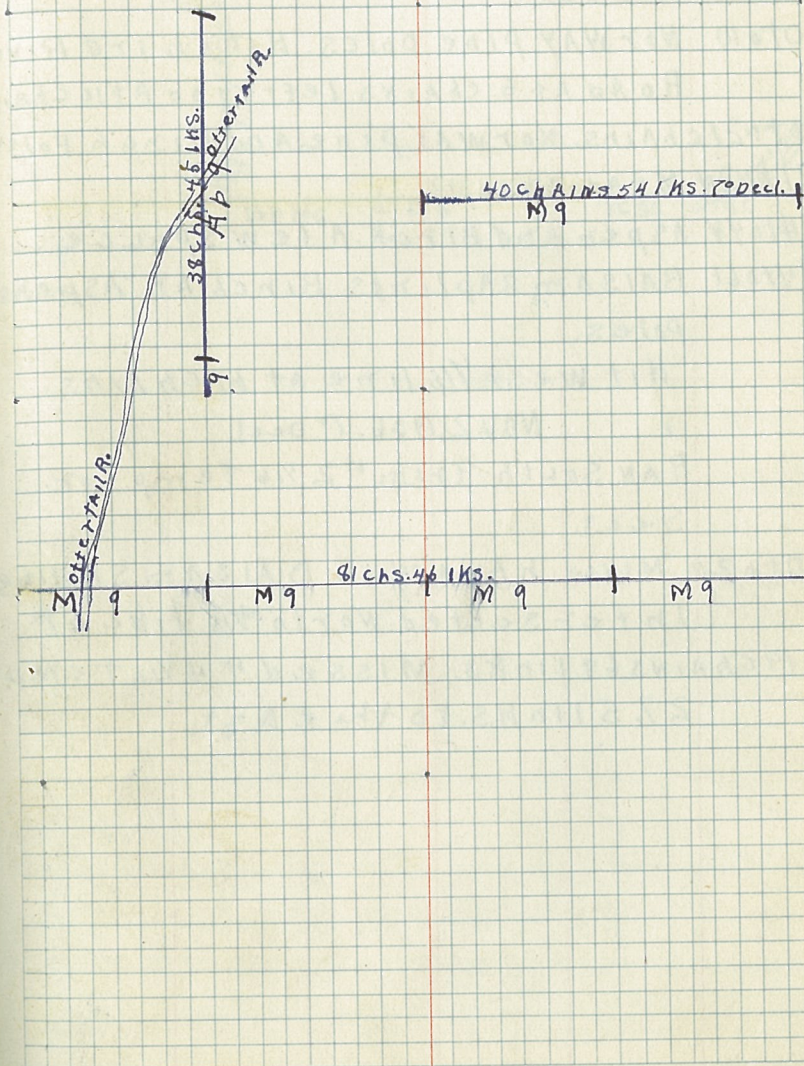
Missed # 6 1/16 61 1/2 Ms. North.

Hit # 5 1/16 Temp cor At
40 chains. 54 1/2 Ms.

Missed # 5 1/16 Temp. Cor
75 1/2 Ms. to the north.

T 144N. R 29W.

Sec. 4 7° Decl.



~~NOV 10 35~~ T146N. R29W. Sec. 3. 7° Decl.

Oct. 29. 1936.

Started West from #7 $\frac{1}{16}$ using
7° Decl.

0 to 10 Norway pine poles. Hit Third River

Road at 6 chains. Left road at 10 chains

10 to 21 chains. Norway pine and Birch poles

21 to 24 Meadows

24 to 44 Aspen and Birch. A few spruce.

44 to 61 BALSAM saplings Birch and ASPENS
poles.

Hit West $\frac{1}{16}$ line at 61 chains.

NOV. 2. 1936. 7° Decl.

RAN South from #2 $\frac{1}{16}$ Temp cor.

Sec. 3.

0 to 20 Mixed hard wood BALSAM saplings.

Intersected North $\frac{1}{16}$ line at

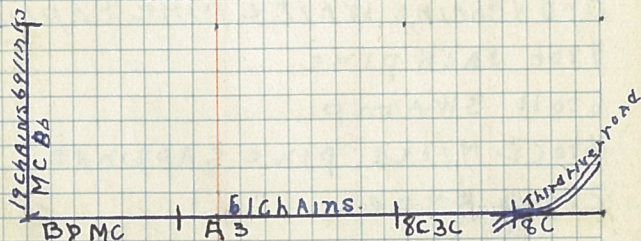
19 chains 69 links. Missed #4 $\frac{1}{16}$ Temp.

27.5 links. to the East.

T146.N.

R29W. Sec. 3 7° Decl.

51



T. 146 N R. 29 W. Sec. 2. T. Dec

OCT. 3, 1936.

Started South from #2 1/6 Temp.

0 to 4 chains White pine saplings

4 to 6 Jack pine.

6 to 16 SWAMP.

16 to 22 Mixed pine saplings.

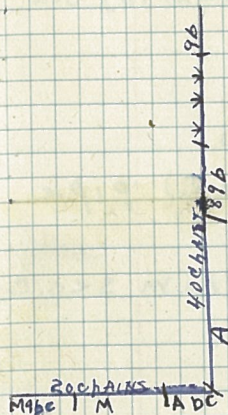
22 to 40 Aspen.

Started West from #9 1/6 Temp.
Cor.

0 to 4 Aspens saplings AN poles. Some W. pine.

4 to 14 Mixed HARDWOOD

14 to 20 Mixed HARDWOOD White pine LARGE
AND SMALL.



S. 12.

T. 144 N. R. 30 W.

NOV. 30, 1936.

Started south from sec. cor.
 $\frac{211}{1112}$ using 7° Decs. Bearing S. 2° E.

0 to 10 Brush.

10 to 20 open meadow.

Hit N. $\frac{1}{16}$ cor. at rocks.

Missed N $\frac{1}{16}$ G.L.O. steel pipe
1.71 ks to the east.

Ran north from sec. cor.

$\frac{1812}{1413}$ using 7° Decs.

0 to 40 open meadow.

Hit east and west $\frac{1}{4}$ line at
40 chs 1.71 ks.

Missed W. $\frac{1}{4}$ G.L.O. steel pipe
4.1 ks. to east.

Dec. 1, 1936

Started east from rocks east
of c.s. sec. 12 using 7° Decs.

0 to 40 chains cedar and spruce

SWAMP.

Hit north and south sec. line 12/

at 39 chs. 6.31 ks.

Missed G.L.O. $\frac{1}{4}$ cor. 4.8 ks. north.

Sec. 12

T. 144N.

R. 30W.

Dec. 2, 1936.

Started west from G.I.D. Sec. Cor.

¹²¹²
₁₃₁₈ using 70 p.c.

- 0 to 6 cedar AND Birch
6 to 19 cedar SWAMP.
19 to 23 Burned over cedar SWAMP.
23 to 28 Cedar SWAMP
28 to 32 live and dead cedar.
32 to 36 Burned over. Cedar SWAMP.
36 to 40 Burned over.

Hit South $\frac{1}{4}$ G.I.D. AT 40.81 chs.

Missed $\frac{1}{4}$ G.I.D. steel pipe 1.21 chs.
North.

Dec. 3, 1936.

Sec. 12

T. 144N.

R. 30W

Started south using 70 p.c.

G.I.D. C.S. steel pipe.

- 0 to 7 cedar, Spruce BALSAM.
7 to 12 Aspen seedlings.
12 to 14 Burned over.
14 to 18 cedar spruce.
18 to 40 Burned over. Few Aspen saplings.

Hit West Sec. C.I.D. cor. AT 38 chs.

Missed G.I.D. cor. 2.16 chs. to the
east.

Sec. 12.

T. 144 N.

R. 30 W.

Dec. 3, 1936.

Started west from 2 chs.
West of G.L. Steel pipe ~~Sec.~~^{3/4}
cor. using 7° Decl.

2 to 12 Burned over few large White
Pine.

12 to 17 Cedar, Spruce, AND BALSAM.

17 to 20 Aspen seedlings.

Dec. 4, 1936.

Sec. 12

T. 144 N.

R. 30 W.

Started west from ~~16~~ 16 1/16 000
following old G.L. line. using
7° Decl.

20 to 26 Aspen seedlings. Some
cedar.

26 to 31 Aspen AND Birch saplings.

31 to 36 Birch.

36 to 40 open meadow.

Hit North, AND south 4 sec. line
at 4000 chs.

Missed G.L. sec. cor. $\frac{11}{12}$
 $\frac{14}{13}$
BY 45 LKS. SOUTH.

Started NORTH from ~~4~~ 4 1/16 000.
cor. using 7° Decl. Bearing 3° W.

0 to 10 Spruce, Cedar AND BALSAM.

SEC. 12.

T. 144. N

R. 30 W.

Dec 4, 1936.

10 to 17 LARGE BIRCH, ASPEN, BALSAM.

17 to 20 CEDAR, BALSAM.

HIT # 2 $\frac{1}{16}$ A.L.O. COR. $\frac{1}{2}$ AT ROCKS

DEC. 8, 1936

STARTED SOUTH FROM Q.L.O. $\frac{1}{4}$ COR. $\frac{1}{2}$ FOLLOWING

Q.L.O. LINE USING T.O.C.C. BEARING S 15° W.

0 to 2 CEDAR

2 to 4 SPRUCE, CEDAR, TAMARACK, BALSAM

14 to 17 CEDAR, BIRCH, BALSAM

17-20 BALSAM, WHITE-NORWAY PINE, CEDAR.

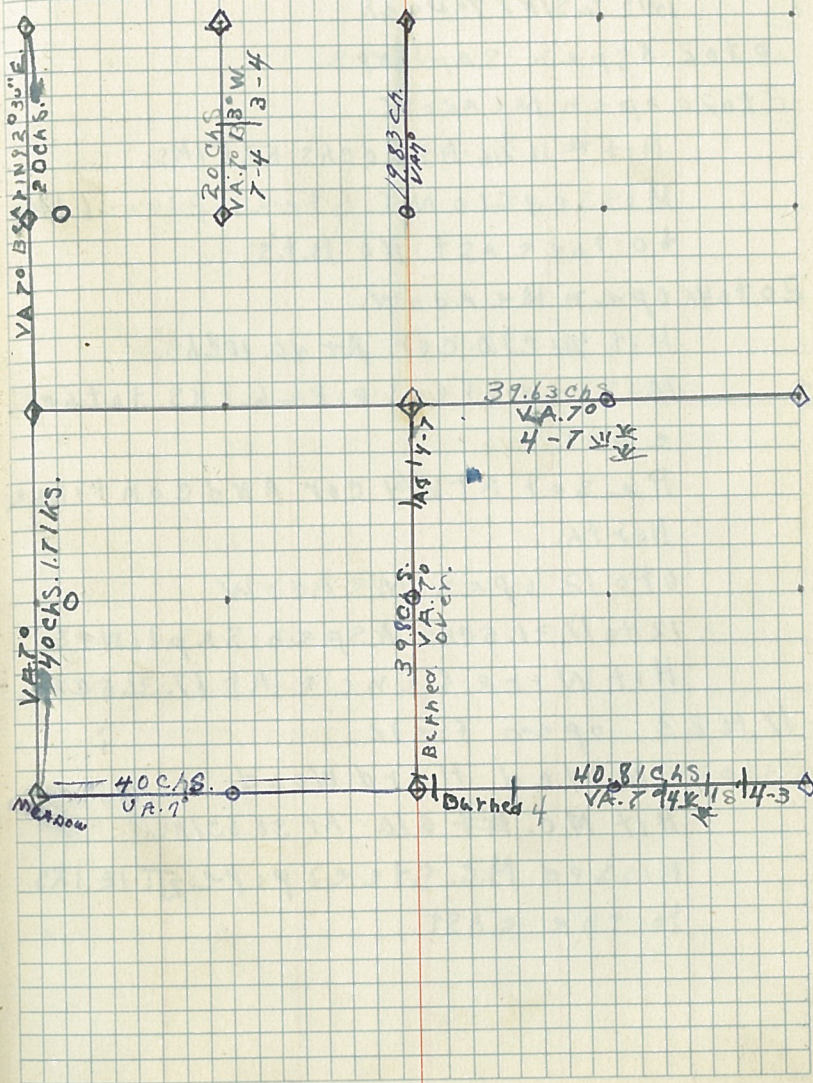
HIT TEMP. $5 \frac{1}{16}$ COR. AT 19.13 CHS.

Seq. 12.

T. 144 N.

R. 30 W.

51



Sec 1

T. 14 N.

R. 30 W.

Dec. 1, 1936

Started North from G.L.O. Section

$\frac{21}{1413}$ 2.51 N 70 Dec.

0 to 2 Aspen Saplings.

2 to 20 open meadow.

Hit # 10 $\frac{1}{16}$ At 20 chs. 57.5 lks.

MISSED G.L.O. M.C. Steel pipe 6 lks
to the east. NO B.T.'S

20 to 40 open meadow.

Hit $\frac{1}{4}$ C.L.O. cor. At 40. 10 chs.

MISSED steel pipe 6 lks. to the
east.

Reset At $\frac{1}{4}$ cor AND continue
North.

0 to 12 open meadow

12 to 17. 36.5 chs Aspen Saplings.

Hit Wire fence At 17. 36.5 chs.

17 to 23 open field.

23 to 35 Mixed Hard Wood

Hit M.C. ~~At~~ ^{Cor.} G.L.O. At 30. 63 lks.

MISSED M.C. Steel pipe 2 $\frac{1}{2}$ 12 lks
to the east.

Sec 1

T. 144 N.

R. 30 W.

Dec. 2, 1936.

Ran south from N $\frac{1}{4}$ G.L.O. pipe
using 70 Decl. Bearings. $6^{\circ}15''$ E.
following old G.L.O.

0 to 30 CHS. Mixed HARD Wood.

Hit PAISHAH CUMMING ROAD AT
6.12 CHS. Hit TRAIL AT 9.5 CHS.

HIT #5 $\frac{1}{16}$ O.Z.O. STEEL PIPE AT 18 CHS.
MISSED COR. 8.61 KS TO THE EAST.

RESET A #5 $\frac{1}{16}$ COR. O.Z.O. COR.
AND CONTINUED SOUTH.

30 to 56 Mixed HARD WOOD MATURED
TIMBER.

HIT OLD ROAD AT 35 CHS.

HIT G.S.E.C. COR. $\frac{1}{4}$ AT 36.643 CHS.

MISSED C.S. $\frac{1}{4}$ 2.1 KS TO THE EAST
CONTINUED SOUTH FROM C.S. $\frac{1}{4}$

HIT OLD TRAIL 42.15 CHS.

HIT OLD TRAIL AT 45 CHS.

HIT #12 $\frac{1}{16}$ TEMP. O.Z.O. AT 56.77 CHS.

MISSED #12 $\frac{1}{16}$ COR. 3.1 KS TO THE
EAST.

Sec 1 T144N R30W.

Dec. 3, 1936

Started at W $\frac{1}{4}$ G.I.O. cor.

using 9th Dec.

0 to 17.58 chs open meadow.

Hit #9 $\frac{1}{16}$ at 17.58 chs.

17.58 to 46 Mixed pine poles.

Hit G.I.O. cor at 35.19 chs.

Missed CS $\frac{1}{4}$ 3.5, 1 k to the south

Hit trail at 37.07 chs.

Finished for the day at 52 chs.

Dec. 4, 1936.

S1 T144N R30W.

Started east at 52 chs.

46 to 59 cedar spruce

Hit Temp G.I.O. ~~#~~ #8 $\frac{1}{16}$ cor. at 57.22 chs.

Missed #8 $\frac{1}{16}$ 4 k to south.

59 to 79 Burned over cedar

Swamp.

Hit E $\frac{1}{4}$ G.I.O. at 79.24 chs.

Started North from #8 $\frac{1}{16}$ using

23rd VA

0 to 19.62 chs. Tamarack Swamp

Hit #6 $\frac{1}{16}$ G.I.O. cor at 19.62 chs.

19.62 to 30 Tamarack Swamp

Sec. 1 T144N R30W.

30 to 38 Aspen poles.

Hit #1 1/16 G.I.O. 38.34 chs.

Dec. 8, 1936.

RAN east from #6 1/16 Cor. using P.V.A.

Bearing E 2° N

0 to 7 Burned over cedar

7 to 10 Burned over

10 to 18.52 chs cedar.

Hit #7 1/16 temp. cor. At 18.52 chs.

Missed #7 1/16 4 1/2 ks to south.

RAN West from #6 1/16 cor. G.I.O.

Iron pipe using 7° Decl. Bearing
W 3° N

0 to 10 Tamarack-Brush.

Hit 07d trail 17.25 chs.

10 to 18.58 White pine poles Aspen
poles.

Hit #5 1/16 cor. At 18.58 chs.

Missed G.I.O. cor. 5 1/2 ks to the North.

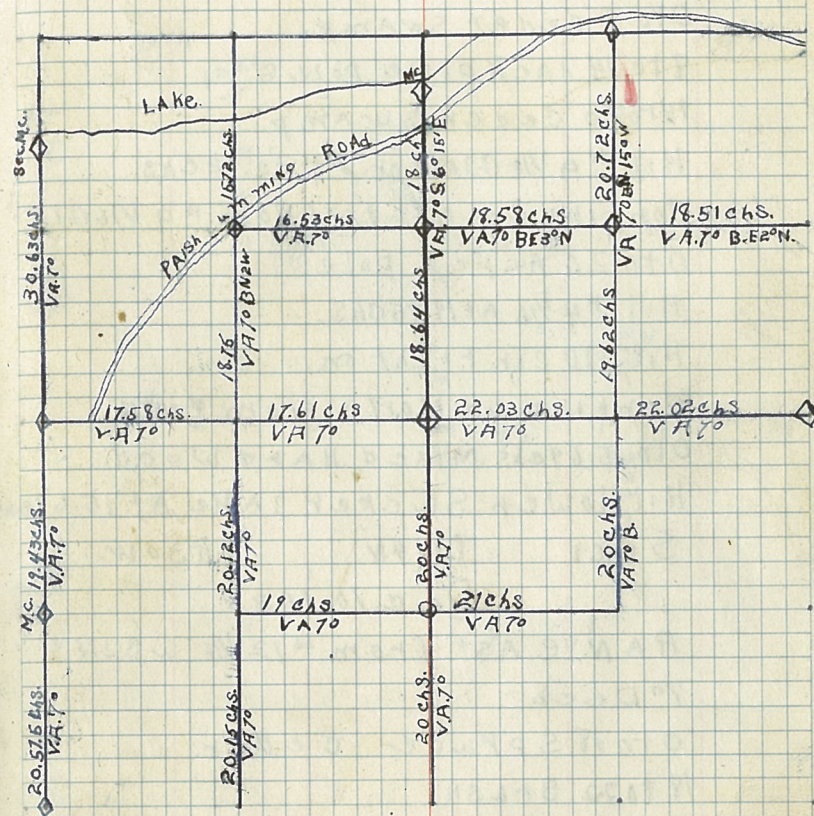
Continued West

0 to 20 Mixed Hard Wood.

Hit #4 1/16 At 16.43 chs. G.I.O. cor.

RAN ~~West~~^{North} from #11 1/16 G.I.O. cor.

61
Sec. 1 T144N R30W



Sec. 1

T. 144 N.

R. 30 W.

Dec. 9, 1936

Using 7° Decl. Bearings N 9° W

0 to 8 cedar SWAMP

8 to 14 JACKPINE poles.

14 to 20 cedar SWAMP.

Hit # 9 1/16 G.L.D. Cor. At 20.12 chs.

Continued North from # 9 1/16 G.L.D.

0 to 20 ASPEN poles.

Hit # 4 1/16 At 18.75 chs.

Hit G.L.D. Cor. Right on.

Continued North from # 4 1/16

0 to 15.69 chs Mixed HARD WOOD.

Hit lower SWACKER LAKE At 15.69 chs.

Sec 1

T. 144 N

R. 30 W.

Dec. 10, 1936

RAN EAST from # 12 1/16 USING

7° Decl.

0 to 18 spruce - cedar.

18 to 22 BRUSH

Hit Temp. # 13 1/16 cor. At 22 chs.

RAN North from # 13 1/16 Temp.

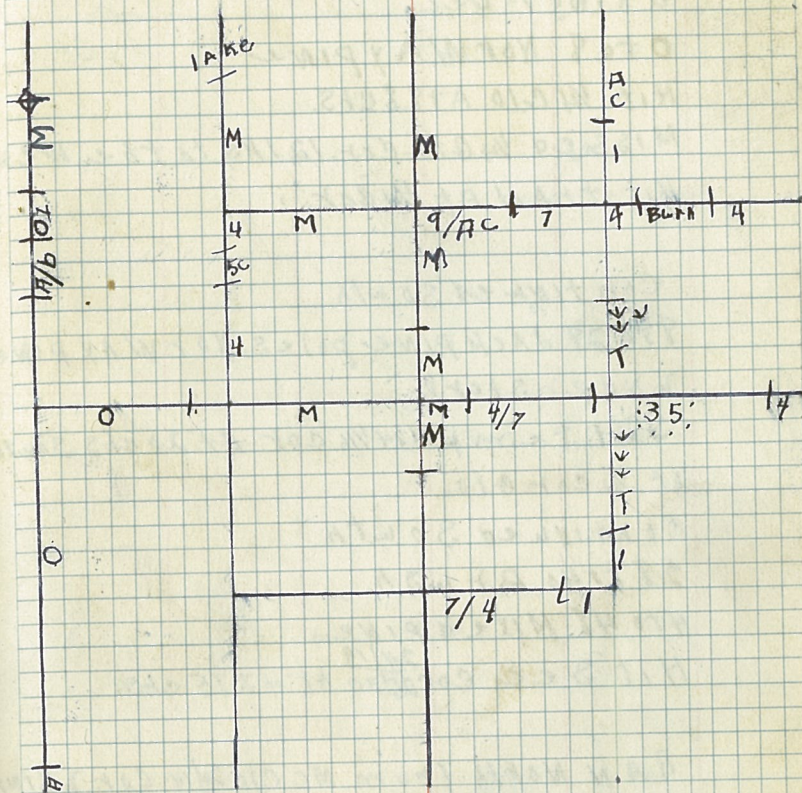
Cor. using 7° Decl.

0 to 8 BRUSH.

Sec. 1

T. 144 N

R. 30 W.



Sec. 24

T144N

R30W.

Dec. 11, 1936

Started south from M.C. G.I.D. Cor.
Using 70 Decl.

0 to 8 NorW/AsPine.

Hit $\frac{1}{4}$ G.I.D. At 8.8 chs.

Missed $\frac{1}{4}$ G.I.D. Cor. 121Ks to the West

Hit trail at $\frac{1}{4}$ Cor.

Continued south

8 to 28 Jack pine poles. NorW/AsPine
understory.

Set temp #14 $\frac{1}{16}$ Cor. At 20 chs south
of $\frac{1}{4}$ Cor G.I.D.

Continued south:

28 to 40 B/W 3h

4 to 48 Mixed pine.

Hit Sec. Cor. $\frac{24}{25} \frac{19}{30}$ At 47.75 chs.

RAN North from M.C. G.I.D. $\frac{24}{25} \frac{19}{30}$ Cor. Using
70 Decl.

0 to 7.26 chs. BALSAM - Ash.

Hit G.I.D. Sec. $\frac{13}{24} \frac{18}{19}$ Cor. At 7.26 chs.

RAN West from G.I.D. Sec. Cor. $\frac{13}{24} \frac{18}{19}$ Using

0 to 10 cedar-BALSAM Road at 6.15 chs.

Finished for the day.

T148N. R30W Sec. 24

Dec. 14, 1936.

RAN West from Sec. cor. $\frac{3}{25}$ $\frac{19}{30}$ LSING

7° Decl. BEARING W10°N.

0 to 6 Mixed HARDWOOD

6 to 13.2 ch Willow Brush

Hit Mc Clo cor. At 13.2 chs.

Missed clo cor. 16.1 ks to the South.

RAN North from S. Mc. $\frac{1}{4}$ clo cor.

LSING 7° Decl.

0 to 4 Brush.

4 to 6.26 chs. Mixed pine poles.

Hit trail At 1.42 ks.

Hit trail At 3.45 chs.

Hit $S\frac{1}{16}$ Mc clo cor. At 6.26 chs.

Missed cor. 5.1 ks to the east

Reset At $S\frac{1}{16}$ $\frac{12}{16}$ clo cor.

And RAN North.

0 to 4 Mixed pine poles.

4 to 9.30 chs Mixed HARDWOOD.

Hit SMC clo cor. At 9.30 chs.

RAN east from east and west

$\frac{1}{4}$ clo Mc cor. LSING

0 to 6 Mixed HARDWOOD

6 to 14.50 Mixed PINE

T145N R30W Sec. 24.

Hit #8 1/16 At 14.50 chs

Continued east from #8 1/16

to 19.50 chs JACK PINE poles

Not W/AX pine under story.

Hit E 1/4 cor. At 19.50 chs.

T145N Dec. 15. R29W Sec ~~24~~¹⁹

Started east from W 1/4 G10. cor

using 7° Decl. following old G10.

line. Hit old trail At 7.75 chs.

And again at 10 chs.

to 20 JACK PINE poles NORWAY
under story.

Hit temp #9 1/16 19.60 chs.

put up yellow tag on Ash
6" DBH.

RAN south from #9 1/16 using
7° Decl.

to 40 MIXED HARD WOOD.

AND BALSAM.

Hit south sec. line at 39.49 chs.

19
30

T145N R29W Sec. 19

Dec. 16, 1936

Started east from #14 1/16
to Decs.

0 to 12 Jack Pine poles.

12 to 20 Mixed Hard wood.

Hit #11 1/16 temp cor At 19.76 chs.

Missed cor. 211Ks to the east.

Sec. 30 T145N R29W.

RAN South from #2 1/16 to V.A.

20 chs Mixed Hard Wood.

RAN West from #4 1/16 cor. temp.

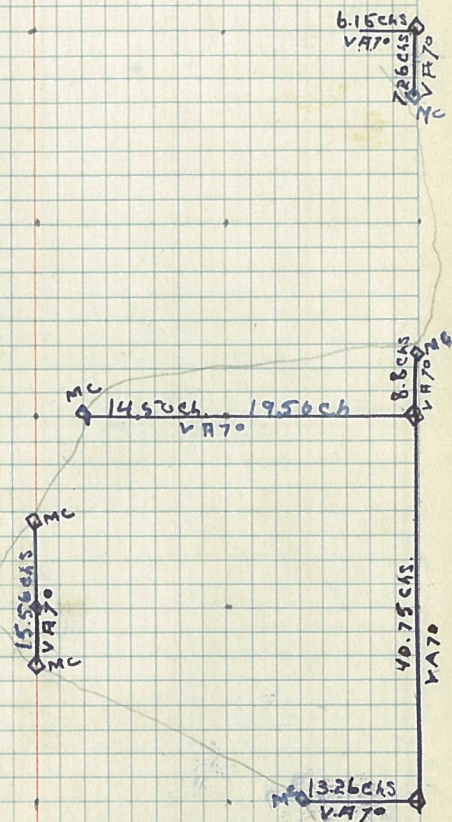
Hit sec. cor. At 18.93 chs.

Missed temp #0 3/16 cor 201Ks
to the south.

T144N.

R30W

Sec. 24.



Sec. 24 T 144N

R 30 W.

67

4/B
R/B

M | 5.89/c

M.
5.67/c

1
M.
7/8

T 145 N. R 30 W Sec. 13

Dec. 19, 1936

RAN North from Sec. cor. $\frac{14}{24} \frac{13}{13}$ 7° VA.

0 to 6 TAMARACK poles.

6 to 12 cedar.

HIT RAILROAD TRACK AT 12.24 CHS.

HIT RAILROAD TRACK AT 15.19 CHS.

HIT HIGHWAY 2 AT 16.48 CHS.

12 to 20 open.

20 to 24 cedar-spruce SWAMP.

24 to 32 ASPEN SAPLINGS, JACK PINE.

32 to 42 JACK PINE POLES MIXED PINE
UNDERSTORY.

HIT W 1/4 G.L.O. COR AT 44.19 CHS.

40 to 80 PATCHY JACK PINE POLES

JACK PINE UNDERSTORY.

HIT SEC. COR G.L.O. $\frac{11}{14} \frac{13}{13}$ AT 44.82 CHS

Dec. 21, 1936.

T 145 N. R 30 W. Sec. 13.

RAN East from W 1/4 G.L.O. Cor.

2 SING 7° Decl.

0 to 18 MIXED PINE SAPLINGS.

10 to 40 Spruce-cedar SWAMP.

HIT 9/16 COR. AT 20.27.5 CHS.

HIT CS. 1/4 G.L.O. COR AT 39.68 CHS.

T.145N. R.30W. Sec.30.

Missed c.s. $\frac{1}{4}$ G.10 pipe 51Ks. to
the south.

Continued east from c.s. $\frac{1}{4}$ cor
using 70 decl.

40 to 80 Mixed pine AND ASPEN
SAPLINGS.

Hit logging road at 62.72 chs.

T.145N Dec. 22, 1936. R.30W.

Hit E. $\frac{1}{4}$ G.10. cor. at 72.42 chs.

Ran south from E. $\frac{1}{4}$ G.10. cor
using 70 decl.

0 to 20 Mixed pine - ASPEN SAP.

Hit #14 $\frac{1}{16}$ at 20.10 chs.

Missed G.10. cor. to the west.

Continued south.

20 to 44.76.5 chs. Mixed pine poles
scattered NORWAY pine seed
trees.

Hit Highway #2 at 36.45 chs.

Hit Railroad track at 38.75 chs.

Hit G.N. Railroad at 44.30 chs.

Hit G.10. cor at 44.76.5 chs.

T.145N. R.30W. Sec.3

Ran north from S. $\frac{1}{4}$ G.10. cor.

T145N. R.30W. Sec.13.

W SING 7° Dec.

0 to 6 White Birch poles scattered
PINE.

HIT G.N. RAILROAD TRACK AT 6.29 CHS.
6 to 10 TAG Alder.

HIT SOOLINE TRACKS AT 10.72 CHS.

HIT #2 HIGHWAY AT 12 CHS.

10 to 24 TAMARACK - SPRUCE SWAMP.

HIT #12 1/16 G.I.O. COR. AT 22.20 CHS.

CONTINUED N ON 14 LINE

24 to 46 SPRUCE - CEDAR TAMARACK.

HIT 1/4 G.I.O. COR. AT 44.62 CHS.

CONTINUED NORTH.

46 to 64 ASPEN - JACK PINE poles N.P. Decid.

HIT LOGGING ROAD AT 50.52 CHS.

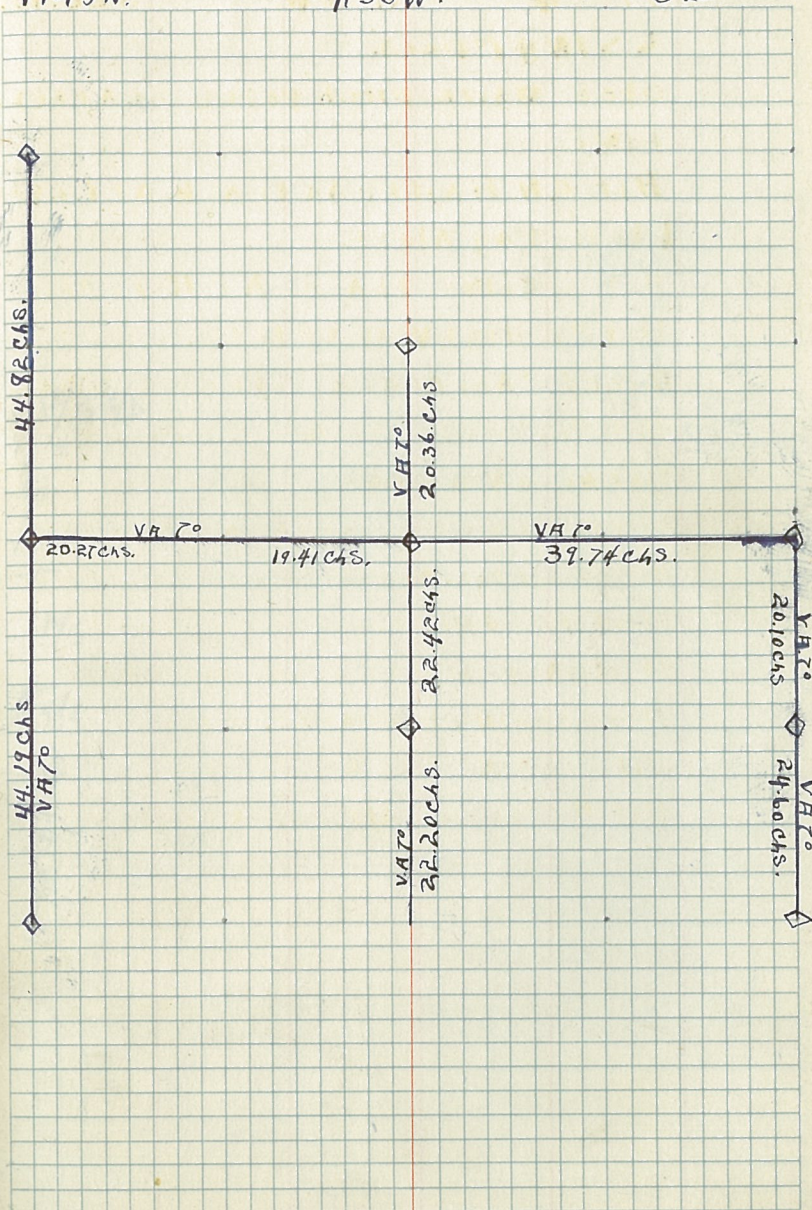
HIT LOGGING ROAD AT 58.50 CHS.

HIT #5 1/16 COR. G.I.O. COR. AT 64.98 CHS.

T145N.

R50W.

70
S13.



5/5-8/d

4/5

4/7

0

5/2

7/2

JANUARY 25 1927

T146N - R30W - SEC. 23

STARTED NORTH FROM C.H.O.

SEC. COF. $\frac{23}{26} \frac{24}{25}$ FOLLOWING C.H.O.

LINE USING 1° DEC.

07020 ASPEN, JACK PINE

BEARING TREES

JACK PINE - DBH - 11"

BEARING - S 32° W

DISTANCE - 18 LKS

READS - T146N - R30W - SEC. 26

ESTABLISHED TEMP. $\frac{1}{16}$ COF. 23/24 AT 20 CH.

& CONTINUED NORTH FOLLOWING C.H.O.

LINE USING 1° DEC.

HIT C.H.O. MC. ON MISSISSIPPI

RIVER AT 30.19 CH. & MISSED C.H.O.

MC BY 24 LKS EAST

BEARING TREES

NORWAY PINE - DBH 8"

DISTANCE - 36 LKS

BEARING - S 75.5° W

READS - T146N - R30W - S 23 MC. BT.

NORWAY PINE - D.B.H. 2.5 FT.

DISTANCE - 41 LKS

BEARING - S 55.5° E

READS - MC - 8.24

JANUARY 26, 1937
T146N-R30W-SEC. 23

STARTED NORTH FROM $\frac{1}{4}$

COR. 23-USING 7° DEC.

01013 THIN JACK PINE SAPLINGS

137020 OPEN

ESTABLISHED TEMP. $12\frac{1}{16}$ COR. 23 AT

20ch. & CONTINUED NORTH

20-24 JACK PINE POLES

24-34 THIN JACK PINE SAPLINGS

34-40 ASPEN

ESTABLISHED TEMP. C. SEC. COR. AT

40ch. & CONTINUED NORTH.

40-44 ASPEN

44-48 BRUSH

HIT MISSISSIPPI RIVER AT 48ch.

JANUARY 27, 1937

STARTED WEST FROM TEMP.

C. SEC. COR. 23 USING 7° DEC.

0106 ASPEN

67020 THIN OAK, JACK PINE

ESTABLISHED TEMP. $9\frac{1}{16}$ COR. 23

AT 20ch. & CONTINUED WEST.

204040 JACK PINE, OAK

INTERSECTED NORTH-SOUTH LINE

AT 39.78ch. & ESTABLISHED TEMP. $4\frac{1}{16}$ COR. 23

T 146N - ~~B~~30W - SEC. 23

JANUARY 28, 1937

STARTED EAST FROM TEMP.

C. SEC. C OF 23 USING 17° DEC.

0104 ASPEN

41012 W. BIRCH, OAK

121020 ASPEN, JACK, NORWAY PINE

ESTABLISHED TEMP. $8\frac{1}{2}$ CO. 23 AT
20 CH. & CONTINUED EAST.

207024 JACK PINE, W. BIRCH, OAK

241028 ASPEN

281030 BRUSH

HIT MISSISSIPPI RIVER AT 30 CH.

not in index of new Book

T.145N. R.29W. Sec. 1

JAN 22, 1937.

RAN North from S. M.C. G.L.O. cot.

2.51N 97° Dec.

0 to 30 chs. Mixed pine JACK pine & under story

30 to 39.5 chs. Black spruce - Cedar.

Hit E 1/4 G.L.O. cot. 39.5 chs. Hit steel

pipe light on.

RAN West from E 1/4 S.D. cot. 2.51N
7° Dec.

0 to 6 Mixed pine poles JACK pine
saplings.

6 to 12 Black spruce poles.

HIT LYDICK LAKE ROAD AT

13.79 chs.

JAN. 26, 1937.

T.145N. R.30W. Sec. 1.

RAN south from #8 1/6 temp
cor. 2.51N 97° Dec.

0 to 10 Mixed pine poles.

10 to 20 ASPEN saplings.

20 to 31.15 Mixed pine poles.

Hit Lydick Lake At 31.15 chs.

Started at 40.29 ch. on south

side of lake. 40.29 to 41.48 chs.

T145N

R30W.

Sec. 1.

Aspen saplings.

Set temp #5 1/16 cor. at 41.48 chs.

JAN, 27, 1937.

RAN West from #14 1/16 temp. cor.

25ING to Deck.

0 to 1/4 chs. JACK PINE SAPLINGS.

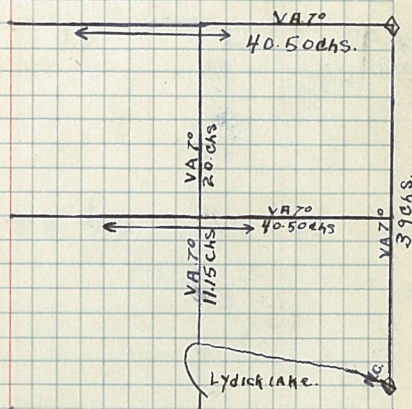
1/4 to 30 Aspen saplings.

30 to 40.50 chs. TAMARICK SAPLINGS.

HIT N. AND SOUTH 1/4 LINE AT 40.50 chs.

Missed temp. #12 1/16 cor. 12 1/4 to 12 1/2

76



T.145N.

R.30W

Sec. 1

77

