

NW Cor. Sec 3

31/5

Located from 2 BTS orig

S 38° W 20 1/2 S

N 83° W 18 " burned off

Set S.S. Rock 15" in grid,

16" Fir S 25 3/4° W 34 ft.

16" " S 89° E 27.2 ft

---

SW Cor. Sec 3

Post in mound rock

24" Fir S 70° W 37.5'

18" " N 31° W 39.0'

12" " N 10° E 66.5'

---

N 1/4 Cor. Sec 4

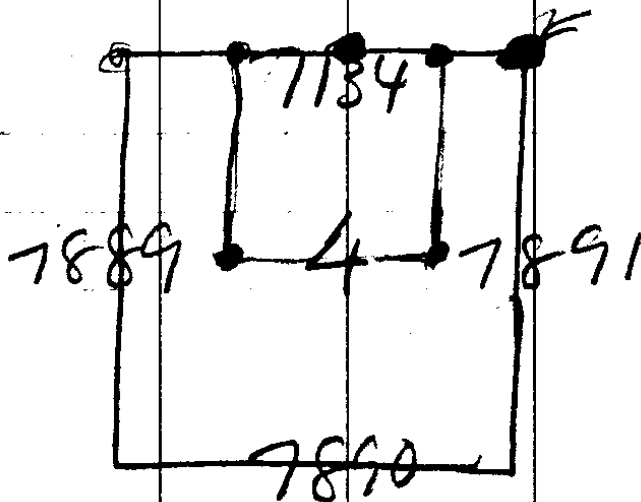
S boundary Sec 33

W. Oak S 47° W 57 L

19" B. Oak N 34° W 125 L

33

34



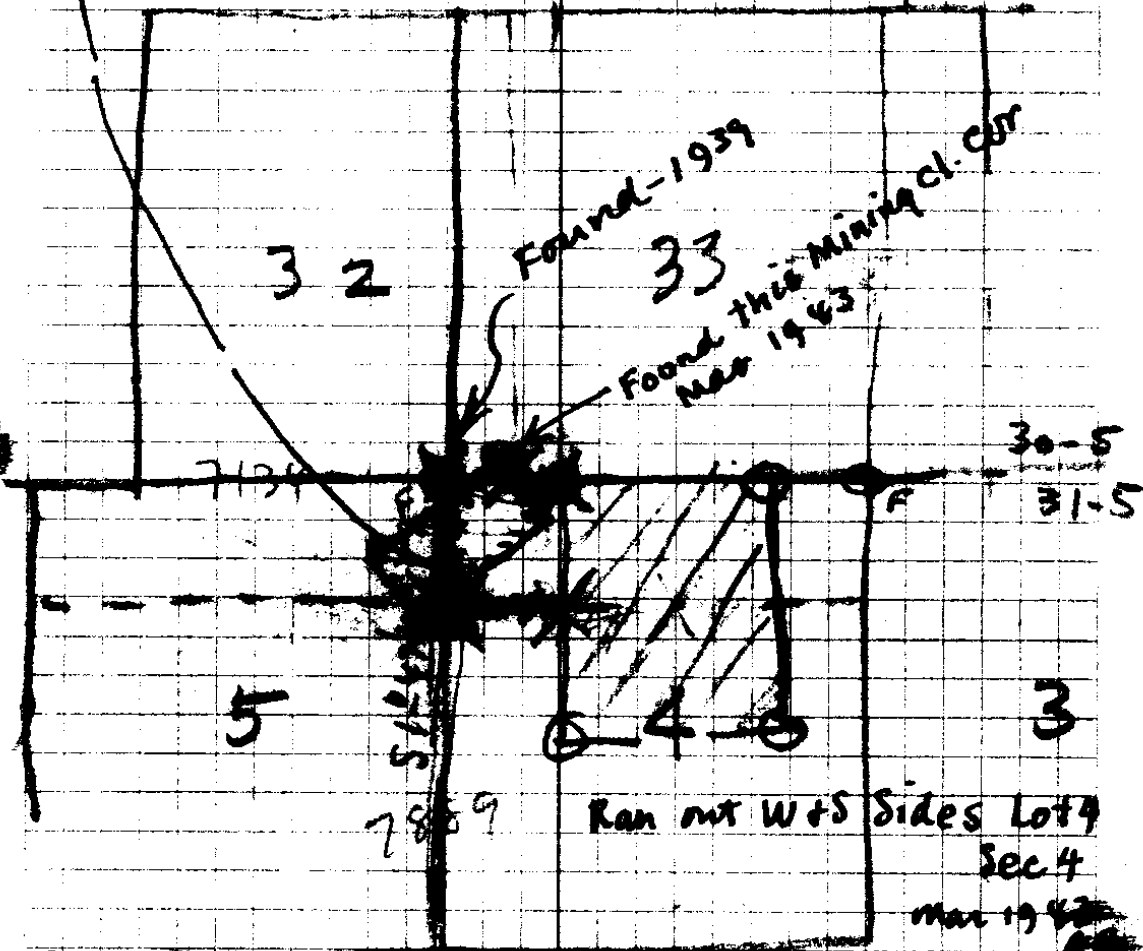
3

788 18

} Son true line bet 3 & 4  
 40' - 1/4 Cor. 14" Red fir for 1/2 Cor.  
 10" Fir S 75° E 12 LKS  
 10" " N 11° W 14" 1878

S 1° 47' W on true line bet  
 4 & 5 = 10 = cross ledge  
 39.50 = Post - 1/4 Cor.  
 6" Laurel S 29° W 48 L.  
 10" Fir N 26° W 12 L  
 58.50 = cross Creek - N 60° E  
 70.50 = cor.

Henninger 87/522 = ~~S. & C.~~  
 Patented Mining Claim



- beg at Cor No 1 at ced post 5" Sq. 4 1/2 @ nuke
- 1-794 - with rd + signs, from ulijan 2 ways  
 Sec 4, 3 1/2 hrs by 578° 21' W 466.8' thence 1<sup>st</sup> course  
 S 25° 55' E 95.25' intersect S bdy SW 33  
 300' to 1<sup>st</sup> discovery tunnel bears S 64° 5' W 537'
- 600' to cor 2 cedar post 5" Sq. " 2-794 + oak  
 thence 2<sup>nd</sup> course S 64° 5' W 799.73' without  
 2 bdy 2<sup>nd</sup> sec 5 - 1500' to cor no 3 = ced  
 post " 3-794"
- 3<sup>rd</sup> course N 25° 55' W 600' to cor 3 " 4-794 }  
 4<sup>th</sup> " N 64° 05' E 1000.4' = E bdy N 54° 5'  
 1500' intersect S bdy SW 33 - 1500' to cor 1  
 = SW 33

NW?

NE Cor 4

Loc from Orig Laurel to NW

N 23° W 63 L

1938 103

New Trees

8" Fir N 63° E 24'

10" " S 35° W 11.5'

10" " S 83° E 14'

~~3~~ bet 4 & 5

S 1° - 47' W

10 = Cross Mammoth ledge

bears S 42° E - prospect  
hole just E of line

39.5 = Prov = 1/4 cor

6" Laurel S 79° W 48 L

10" F N 20° W 12 L

58.5 = Branch 2 L W.D.

70.5 = 60 ft Prov

Cavander

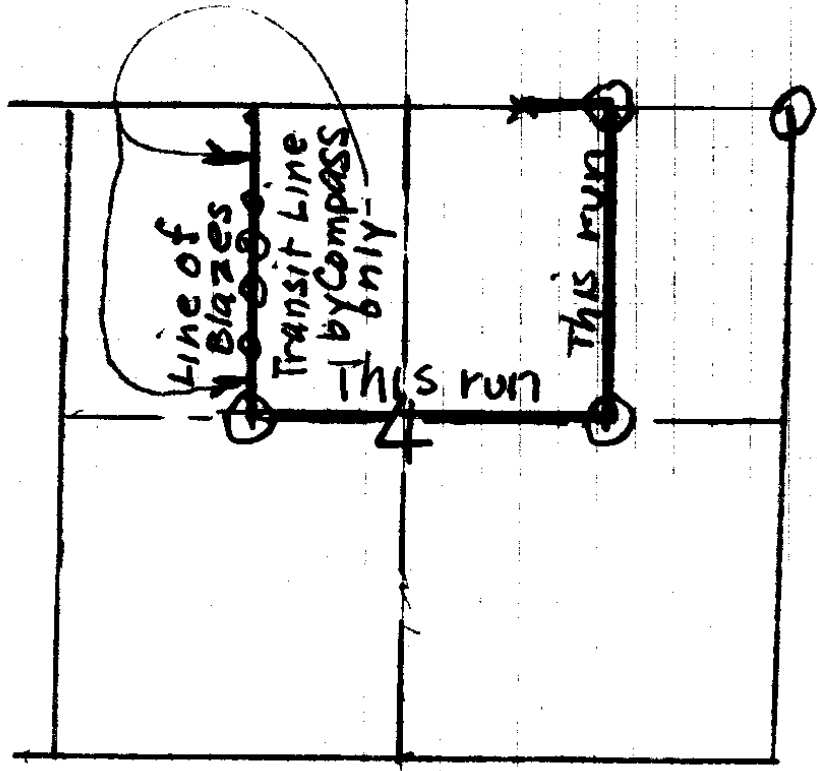
W 193

N 167

IVELOR IS  
2" Fir Squared  
and Scribed P.C. (Prop cor)

Later find

→ Old Blaze



Boyer  
Shelton  
Earl Lilja

12 - 1.0' L - 2' E

212.8 10<sup>00</sup>' 209.6  
.985

11 - 1657.5

130.3 11<sup>45</sup>' 127.5  
.979

10

9 - 1.0' L - E 119.0 7<sup>05</sup>' 118.0  
.992

81.6 F

8

275.8 4<sup>00</sup>' 274.9  
.997

Oct  
12/  
1939 7 = 1055.5

61.5 F

300.0 16<sup>30</sup>' 287.7  
.959

6

80.0 F

5

4 - 542.5 83.8 F

3 S 111.0 F

S 49.3 F

2 E + W  
Trail

S 248.0 29<sup>45</sup>' 215.2  
.868

NE Cor  
Cavander

S 167.0 F

Cavalier

16-45

E	78	17°-17'	74.5
E	107.0	15°-23'	103.1
E	76.8	F	
E	163.2	17°-37'	158.5
E	6.8	F	
74765			
E	206.0	27°-15'	183.1
E	106.0	23°-15'	96.5
E	4.5		
E	44.1	28°-30'	38.8
E	62.7	21°-10'	58.4
E	13.0	F	
E	149.0	12°-00'	145.9
E	158.0	F	
E	78.5	F	

NWLn A-

16/45

NE 60° N W 4 NE 4 sec 4  
 W 129.1 21  
 Corr. Dist

11 Pt on Line of 40  
 W 32.6

10  
 Noon  
 Camp  
 here 9

West 167.0 16°-00' 165.4  
 Δ 6°-34' R

S 83½° W 130.6 7°-30' 129.4 S 83°-06' W  
 Δ 8°-55' L .991

N 87°-15' W 68.1 15°-30' 65.6 N 87°-59' W  
 Δ 12°-48' R .963

S 80°-05' W 108.6 29°-52' 94.1 S 79°-13' W  
 Δ 3°-52' R .867

S 76° W 268.6 31°-45' 228.3 S 75°-21' W  
 Δ 0°-17' R .850

S 75°-30' W 218.2 26°- 196.1 S 75°-04' W  
 Δ 8°-51' L .899

Miss  
 checks  
 ok →

S 83°-45' W 216.0 22°-25' 199.6 S 83°-55' W  
 Δ 2°-35' R .924

S 81°-25' W 119.4 23° 109.8 S 81°-20' W  
 81°-20' W .920

North 10.0

W 125.0 -4° 124.6  
 .997

NE Cor 4

# CAVAREK

$$\begin{array}{r} 964 \\ 107 \\ \hline 6748 \\ 464 \\ \hline 103,148 \end{array}$$

$$\begin{array}{r} 955 \\ 78 \\ \hline 7640 \\ 685 \\ \hline 74,490 \end{array}$$

$$\begin{array}{r} 776.5 \\ 6.8 \\ \hline 155.5 \\ 76.8 \\ \hline 103.1 \\ 79.5 \\ 25.3 \\ 64.4 \\ \hline \end{array}$$

$$\begin{array}{r} 1282.9 \\ 58.9 \\ \hline 1339.8 \end{array}$$

$$\begin{array}{r} 16312 \\ 953 \\ \hline 4896 \\ 8860 \\ \hline 14688 \\ 155296 \end{array}$$

$$\begin{array}{r} 2602 \\ 912 \\ \hline 978 \\ 1451 \end{array}$$

$$\begin{array}{r} 889 \\ 101 \\ \hline 5334 \\ 1228 \\ \hline 183,134 \\ 932 \\ 627 \end{array}$$

$$\begin{array}{r} 6524 \\ 1864 \\ \hline 5592 \\ 58,4364 \end{array}$$

$$\begin{array}{r} 919 \\ 125 \\ \hline 4095 \\ 219 \\ \hline 26,495 \\ 879 \\ 44,1 \\ 879 \\ \hline 3516 \\ 116 \\ \hline 7639 \end{array}$$

$$\begin{array}{r} 1320 \\ 778 \\ \hline 544 \\ 175 \\ \hline 388.5 \\ 768 \\ \hline 311.7 \end{array}$$

$$\begin{array}{r} 78.5 \\ 158 \\ \hline 145.7 \\ 13 \\ \hline 58.4 \\ 38.8 \\ \hline 4.5 \end{array}$$

$$\begin{array}{r} 496.9 \\ 96.5 \\ \hline 593.4 \\ 183.1 \\ \hline \end{array}$$

$$\begin{array}{r} 1339.8 \\ 1282.9 \\ \hline 56.9 \end{array}$$

$$\begin{array}{r} 776.5 \\ 158.9 \\ \hline 932.0 \\ 76.8 \\ \hline 1008.8 \end{array}$$

1'

South  $108^{\circ} 18' 07''$

13+39.8

EAST

56.9

70.5

in  $24^{\circ} 00'$

64.4

T-151 imp.

E 25.3 F

167  
 215.2  
 49.3  
111.0  
 542.5 7  
 83.8 1  
 80. 8  
 287.7 6  
 61.5 3  


---

 1055.5 7  
 274.9 4  
 81.6 6  
 118.0 1  
 127.5 6  


---

 1657.5

Carander

.868 4  
 288. 5  


---

 6944 ②  
 3472  
 1736  


---

 215264

959 ⑥  


---

 2877  
 2788 4  
 997 7  
 19306 ①  
 24822  
 24822  


---

 274972 6

992 2  
 119 ④  


---

 8928  
 992  
 992  


---

 118048

130.3 7  
 979 ④  


---

 11727  
 9121  
 11727  


---

 1275837

212.8  
 .985  


---

 10640  
 17024  
 19152  


---

 2096080

Thru Cr. Bottom  
vine maple

20					
19		127.3	26°-07'	114.3	
18	S	96.5	22°-45' .922	89.0	
17	S	135.6	33°-30' .834	113.1	
16	E	<del>135.6</del> 76.7	F		
15	Δ 90° L				
	S	97.5	20° .940	91.6	
14	S	158.1	12°-00' .978	154.6	
13	S	180.3	4°-00' .997	179.7	
	W	89.0			
V12	Δ = 90° West	91.0 89.0 2	30°-24' .862	76.7 offset w 78.7	

1657.5 6  
 20916 8  
 199.7 6  
154.6 7

2201.4  
91.6

2293.0  
113.1  
 2406.1  
89.0

2495.1  
114.3  
 2609.4

965 2  
922 8  
 1930  
 1930  
 8685  
889730  
 127.3 4  
998 2  
 10184  
 11457  
10184  
 114315.4

2640  
26094  
 306

.862 7  
89 2  
 7758  
6896  
 76.718  
 offset W.

Carved

2640  
2208  
 439  
 916  
347.4 16 227  
 1131 79.7591  
234.3 6  
 89  
 1453 158.1  
 1143 12648  
14229 978  
 310  
 1546218

2640  
2406  
 236

22934  
 .923)76.72 (83.1  
7384  
 2880  
2769  
 1110  
 97.5 3  
940  
 39000  
8775  
 91.6500  
 135.66  
.8346  
 5424  
 4068  
16848  
 113.0904

11  $\Delta 10-35'$   
 85.8 28'  
 .883 75.7

10=10'S  
 9 185.0 28:00' = 163.3  
 .883

83.0 23:50.915 = 75.9  
 300' 28:15' = 264.3  
 .881

8 =  $\Delta = 7^{\circ} 30' L$   
 N 82 45 W 44.8

Occ. Fri 13th  
 Top Ridge 7

Good fit to N

6 = 838.9  $\Delta 15^{\circ} R$   
 N 82-45W 45.2 F

S 82- $W = 582^{\circ} 30' W$ , 102.3' 28-25' = 90.1  
 .8795 89.2W

5  $\Delta 7^{\circ} 30' L$   
 145.2 31-05' 124.3  
 .856

2.5' N  
 X 2.5' N  
 3 4

88.5 30-00' 76.6  
 .866

72.9 30-45' 62.6  
 .859

300.0 18-30' 284.4  
 .948

1.5' N  
 2  
 1

96.4 27' 85.9  
 .891

W .138.0 32.50' 115.9  
 .840

CSC  
 Corp

Cavander

90  
 71.30  
 82.30  
 82°-30  
 15  
 97-30  
 150  
 N 82-30 W

sin .9914  
 90  
89.2260

115.9 7 ✓  
 85.9 4 ✓  
 284.4 5 ✓  
 62.6 5 ✓  
 76.6 1 ✓  
 124.3 1 ✓  
 89.2 1 ✓  
33  
 838.9  
 89.2  
928.1 2  
 264.3 6  
 75.9 3  
 163.3 4  
 75.7 1  
 390. 3  
 110.8 1  
 57.2 5  
 66.8 2  
 98 8  
 140.6  
40.9

2640  
 839  
 1801.  
 -89.2  
 1112  
 138  
 840  
 5520  
 1104  
 115.920  
 .891  
 .964  
 3564  
 .5346  
 8019  
 858.924

1452  
 856  
 871.2  
 7260  
 11616  
 124.2912

2640  
 2371  
 2370.7  
 206.7  
2577.4  
 .8795  
 1023 2  
 26385  
 17590  
 87950  
 89.97285  
 4570  
 44.77 to 90  
 948  
 .859 2  
 729  
 7731  
 1718  
 6013  
 62.47211  
 88.53  
 .866  
 5310  
 5310  
 7080  
 26.6410

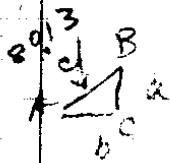
1.0' South  
↑  
1.5' ↓

19		130.0	27°-15' .859	115.6
18	2547.4			
17		236.0	28°-50' .876	206.7
16	15 Ted	159.6	28°-15' .881	140.6
15		106.5	23°-00' .920	98.0
14	W	69.9	17°-00' .956	66.8
13		59.5	15°-45' .962	57.2
12		130.7	32°-00' .848	110.8
11	W	390.0 <sup>v</sup>	F	

$$\sin A = \frac{\sin C}{c}$$

$$\sin B = \frac{\sin C}{c}$$

CAVANDY  
52°44'



$$\cos A = \frac{b}{c}$$

$$b = \cos A \times c$$

80.13	80.13
<del>60.55</del>	<del>60.55</del>
60.55	40065
<del>80.13</del>	40065
18165	48078
<del>60.55</del>	
<u>48400</u>	<u>5248515</u>

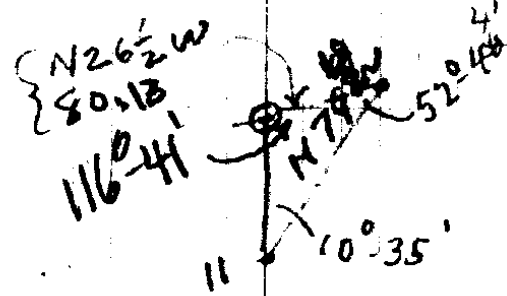
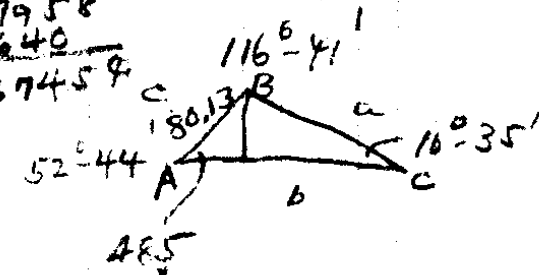
80.13
<u>60.55</u>
40065
<del>60.55</del>
48078
<u>48518715</u>

52-44
<u>116 41</u>
10-35
<u>180-00</u>

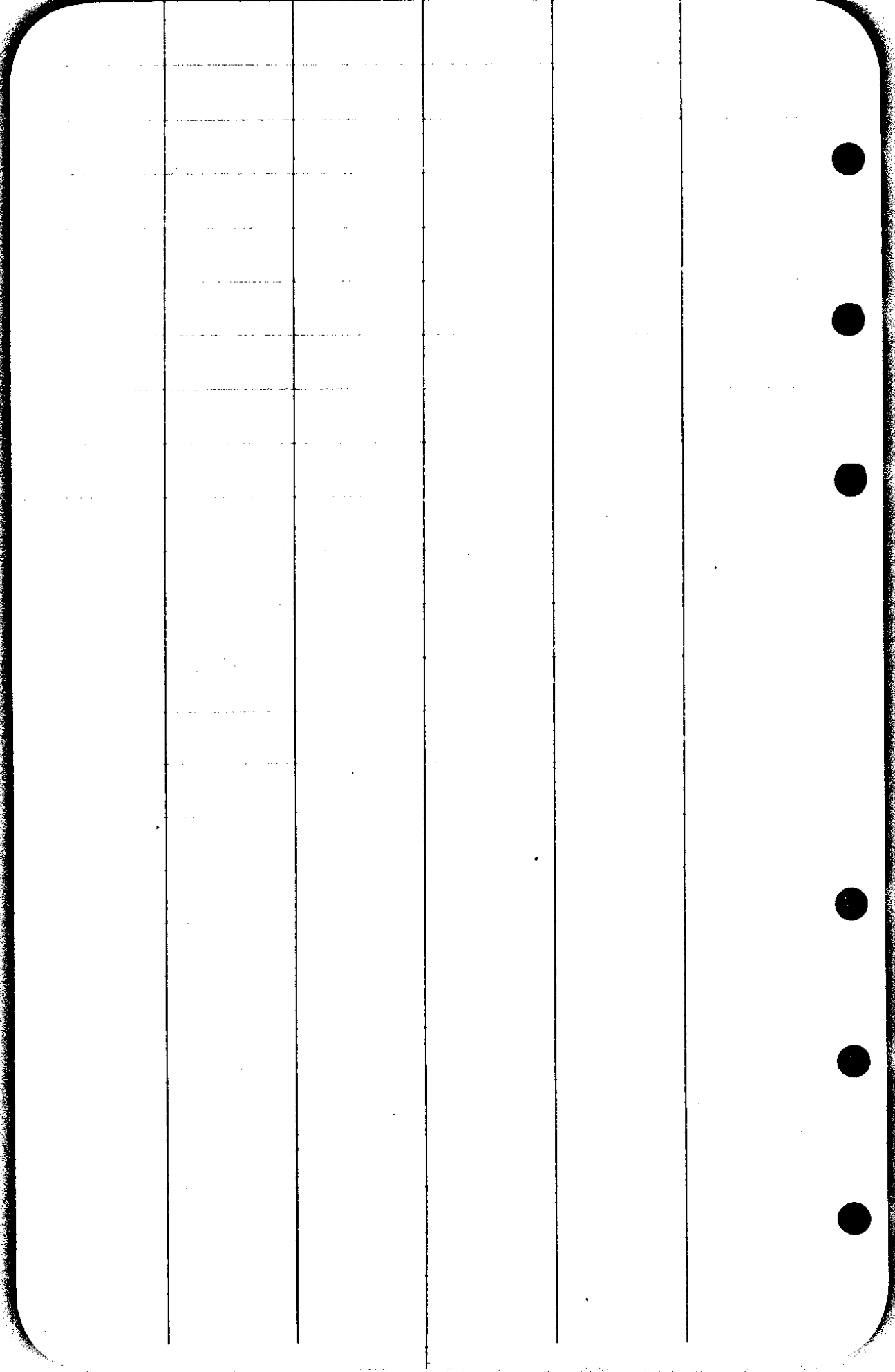
$$\sin A = \frac{a}{c}$$

$$a = \sin A \times c$$

.7958
<u>80.13</u>
23874
<del>7958</del>
636640
<u>63767459</u>



16-45



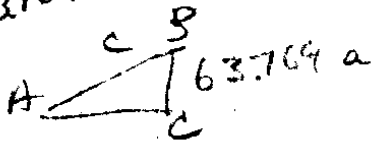
Carander

16-45

$$\sin A = \frac{a}{c}$$

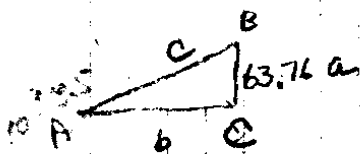
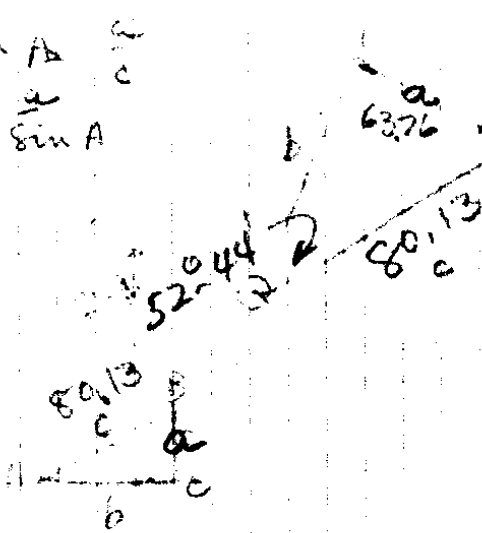
$$a = \sin A \times c$$

$$\begin{array}{r} 79583 \\ 8013 \\ \hline 238749 \\ 79583 \\ \hline 637645 \\ 637698579 \end{array}$$



$$\sin A = \frac{a}{c}$$

$$c = \frac{a}{\sin A}$$

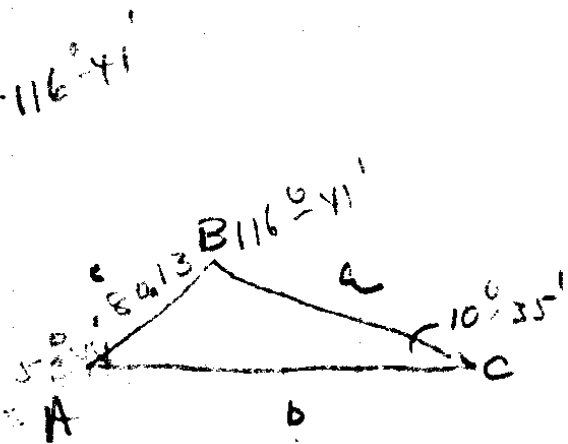
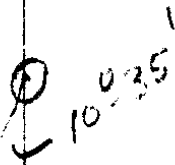


$$\sin A = \frac{a}{c}$$

$$c = \frac{a}{\sin A}$$

$$\begin{array}{r} .1837 \overline{) 637600} \quad (347. \\ \underline{5511} \\ 8650 \\ \underline{7348} \\ 13020 \\ \underline{12859} \\ 161 \end{array}$$

$$\begin{array}{r} .18367 \overline{) 63769} \quad (347 \\ \underline{56101} \\ 77680 \end{array}$$



$$\frac{\sin A}{c} = \frac{\sin C}{c}$$

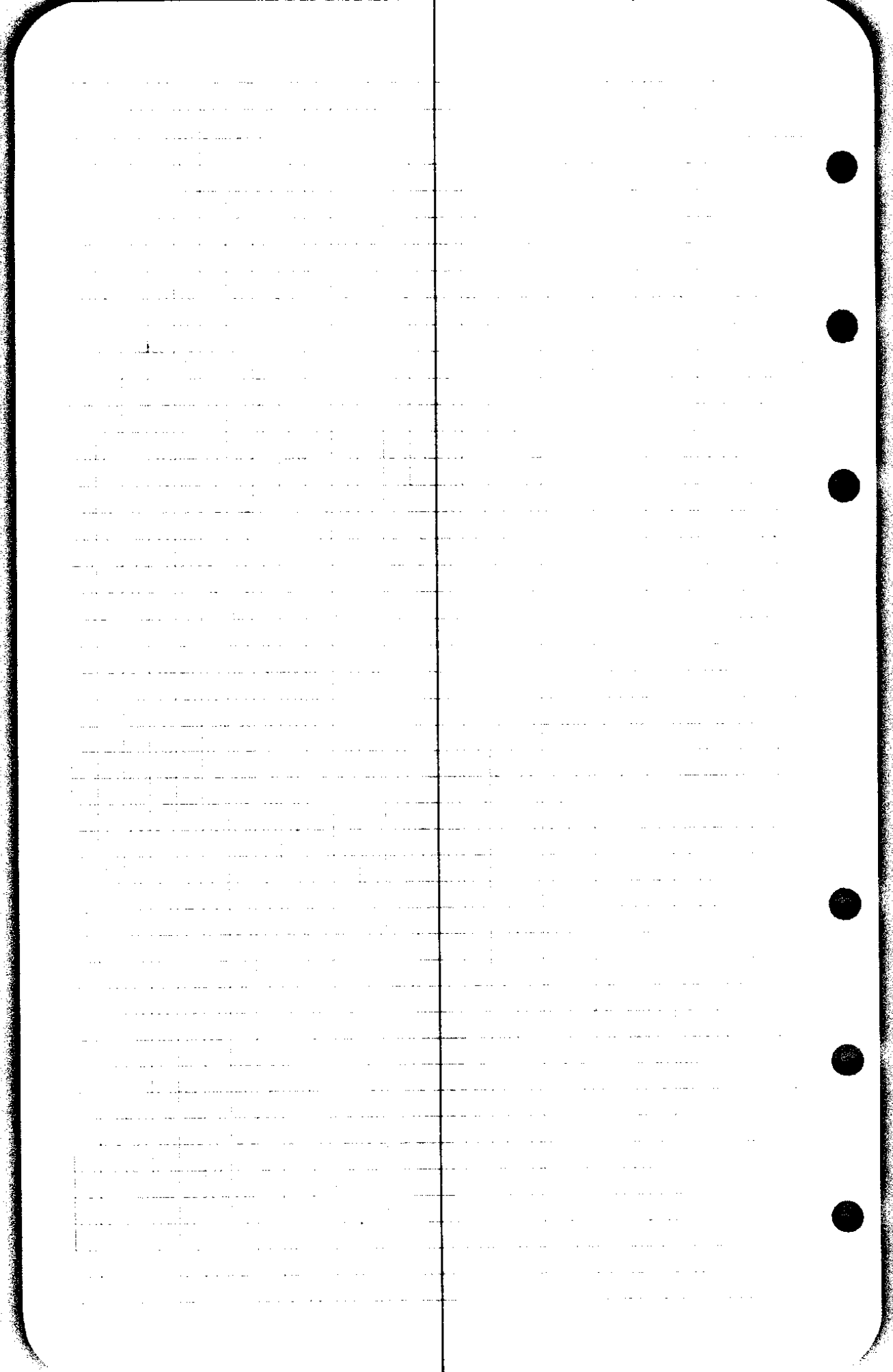
$$\begin{array}{r} .18367 \\ 80.13 \overline{) 183670} \quad (229 \\ \underline{16026} \\ 23410 \cdot 00229 \\ \underline{14026} \\ 73840 \\ \underline{72117} \\ 1723 \end{array}$$

$$\frac{\sin A}{c} = 00229$$

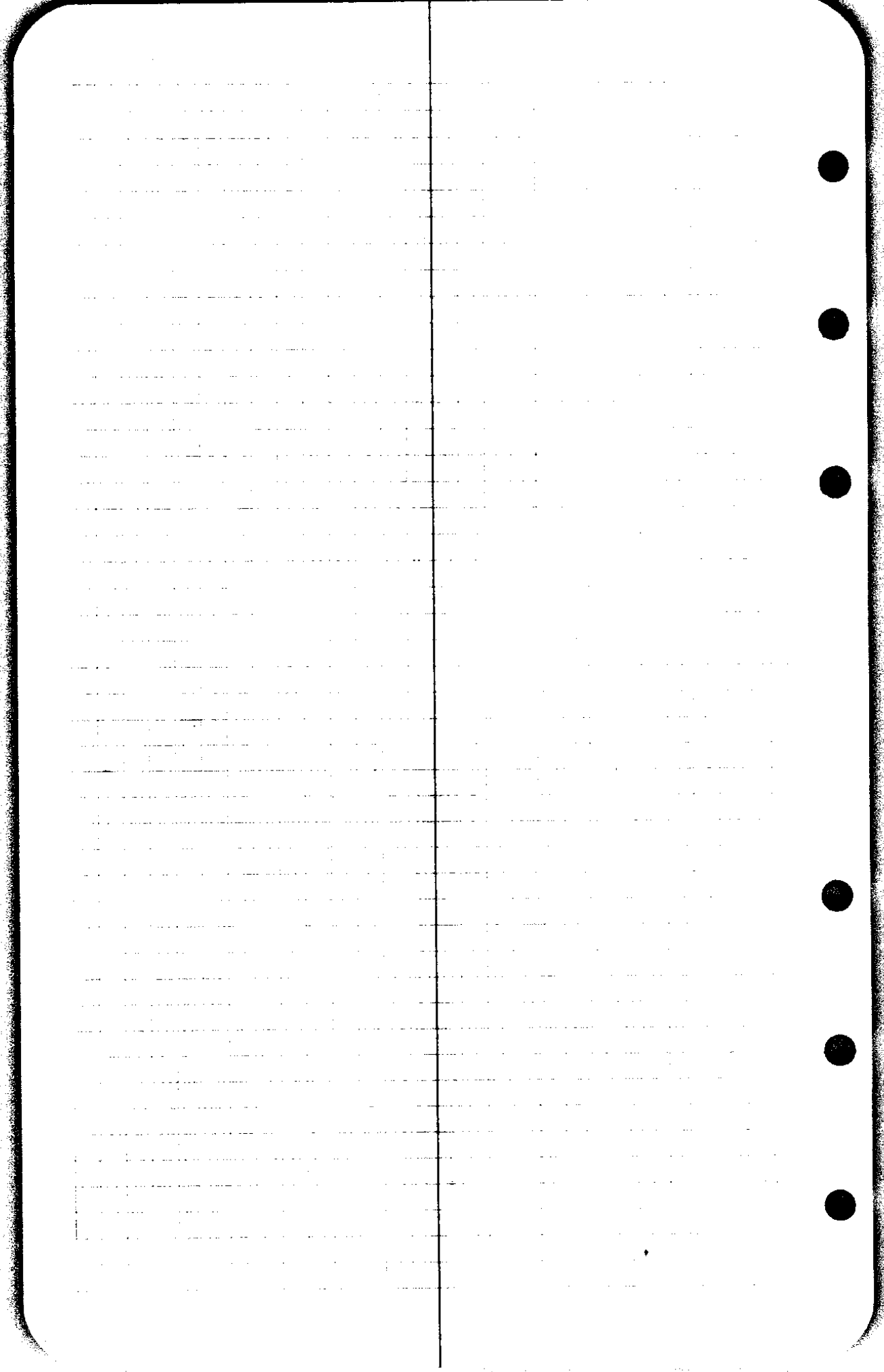
$$\frac{7958}{c} = .00229$$

Sec Cw 51°47'W 1ch - \*22 $\frac{1}{2}$ °

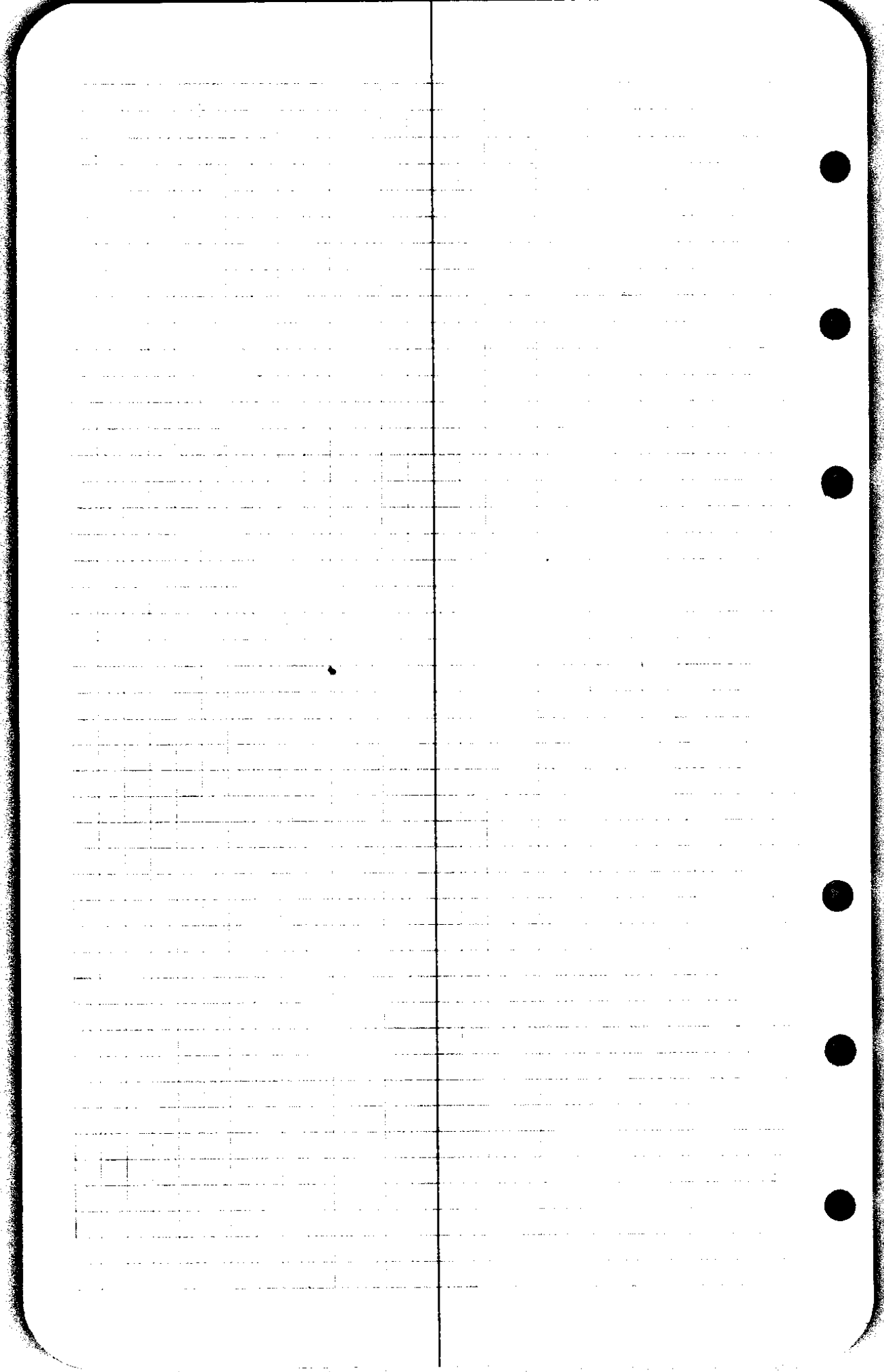
16-45



16-45



16-45



CARDNER

V30 E74

Note:

THIS SURVEY MADE TO SHOW  
THE LOCATION OF FIR TIMBER  
IN THE NW & NW 1/4<sup>th</sup> IN THE  
E 1/2 SEC 4, T 31 S R. 5 W

Lines were not run around  
these 160 ACRES but only  
to NW COR of them by their  
South 1/2<sup>th</sup> only.

THIS WAS TO SHOW CLEAR CUTS  
WHERE THE TIMBER WAS LOCATED.

More Complete Survey made later.

county  
 GWT Cruise + ~~Admission~~  
 Jas Edward Wilson SE 72°  
 Gretchen " NE SE  
 \$ 197.56 W 25°

Harvey O. Brown Heirs  
 Del. Taxes \$31.99 + \$31.99

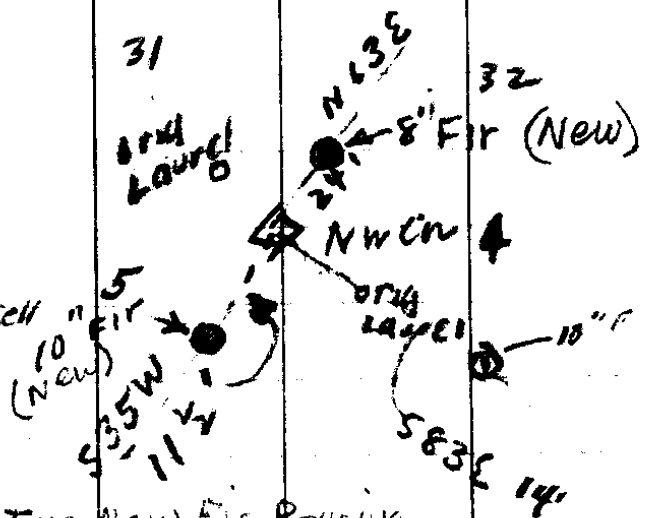
F. W. Cooper } Survey ordered  
 C. Ville } by Mr Cooper  
 acting for Cavalier

orig Trees

16" L. N23W 63  
 18" L S33W 68

Arrow  
 Fri  
 Sept 23  
 1938

claus Russell  
 10" Fir (New)



Note: The two New Fir Bearing  
 Trees have been blazed but  
 have not been skinned.