



22-25

Sec 15 T22 S R6W.

Survey to establish lines and  
corners of SE 1/4 and  
So. bdy D.C. #39

S.C. Peters

BB Irving T.

W.S. Grear H.C.

Geo. Montgomery A.C.

Floyd Henderson P.L.

Survey commenced Dec. 26 1927.

" Resumed Jan 16 1928

" Completed " "

| 1   | Peters | & | OC | MC | Slope |
|-----|--------|---|----|----|-------|
| Hub | Obs.   | L |    |    |       |

|      |              |             |         |  |
|------|--------------|-------------|---------|--|
| 2640 | 4620<br>251R | S 54° 35' E | S 54° E |  |
|------|--------------|-------------|---------|--|

|      |                |             |         |      |
|------|----------------|-------------|---------|------|
| 1655 | 2039<br>1014 R | S 77° 46' E | S 78° E | +430 |
|------|----------------|-------------|---------|------|

|      |                    |            |             |             |
|------|--------------------|------------|-------------|-------------|
| 1535 | 12512<br>42° 36' L | S 88° 5' E | S 88° 20' E | -11 1/2 154 |
|------|--------------------|------------|-------------|-------------|

|      |             |             |            |  |
|------|-------------|-------------|------------|--|
| 2040 | 217<br>30 L | S 75° 29' E | S 74° 2' E |  |
|------|-------------|-------------|------------|--|

|      |             |             |         |  |
|------|-------------|-------------|---------|--|
| 2075 | 225<br>42 L | S 64° 55' E | S 65° E |  |
|------|-------------|-------------|---------|--|

|      |               |             |  |  |
|------|---------------|-------------|--|--|
| 2050 | 1420<br>710 R | S 60° 13' E |  |  |
|------|---------------|-------------|--|--|

|      |               |             |         |  |
|------|---------------|-------------|---------|--|
| 2075 | 356<br>1733 R | S 67° 23' E | S 68° E |  |
|------|---------------|-------------|---------|--|

|      |                |             |             |  |
|------|----------------|-------------|-------------|--|
| 2065 | 7035<br>1307 L | S 84° 06' E | S 85° 12' E |  |
|------|----------------|-------------|-------------|--|

|      |                  |            |         |  |
|------|------------------|------------|---------|--|
| 2065 | 2011<br>10° 6' R | S 77° 9' E | S 73° E |  |
|------|------------------|------------|---------|--|

|      |                        |             |             |  |
|------|------------------------|-------------|-------------|--|
| 6436 | 101<br>101 25<br>50 43 | S 81° 15' E | S 81° 14' E |  |
|------|------------------------|-------------|-------------|--|

|     |  |             |  |  |
|-----|--|-------------|--|--|
| x89 |  | S 30° 32' E |  |  |
|-----|--|-------------|--|--|

DLC. SW of Cl. 39

Dec 26 1927

2

Pain

T. Irving

H. C. Crear

R. C. Floyd Hunter

Axe Montgomery

22/25

③

| Sta | Chs                      | L                  | CC             | M.C       | Slope                  |
|-----|--------------------------|--------------------|----------------|-----------|------------------------|
| 21  | 2.43                     |                    | ✓<br>N 75°10'E | N 76'4E   |                        |
| 20  | <del>2.43</del><br>8.414 | 45 55,<br>22°57' L | S 81°53'E      | S 81°E    | + 7'30" 3443<br>L 5800 |
| 19  | 2.398                    | 39 14<br>19°37' R  | N 78°30'E      | N 80°E    |                        |
| 18  | 4.346                    | 89 14<br>44°38' L  | S 56°52'E      | S 57°E    | + 4°35' 436            |
| 17  | 5.32                     | 8 30,<br>4°15' R   | S 61°7'E       | S 61°E    | + 9°55' .39<br>500     |
| 16  | 4.860                    | 140<br>80°49' R    | ✓<br>N 38° 4'E | N 38° 4'E |                        |
| 15  | 3.370                    | 22° 4'R            | N 15°23'E      | N 15°E    |                        |
| 14  | 5.430                    | 31°39' L           | N 47°1'E       | N 48°E    |                        |
| 13  | 2.677                    | 60 01<br>30°3' L   | N 77 4'E       | N 77'E    |                        |
| 12  | 4.957                    | 30 7<br>12°3' R    | N 65° E        | N 65°E    |                        |
| 11  |                          | 25 49<br>40°2' L   | 554°36'E       |           |                        |

(4)

$$\begin{array}{r}
 22 \ 57 \\
 81 \ 53 \\
 \hline
 102 \ 60 \\
 102 \ 50 \\
 \hline
 75 \ 10
 \end{array}$$

$$\begin{array}{r}
 78 \ 30 \\
 17 \ 37 \\
 \hline
 78 \ 60 \\
 78 \ 7 \\
 \hline
 81 \ 67
 \end{array}$$

$$\begin{array}{r}
 99144 \\
 3443 \\
 \hline
 297432 \\
 396576 \\
 \hline
 396576 \\
 297432 \\
 \hline
 341352792
 \end{array}$$

$$\begin{array}{r}
 9968 \\
 436 \\
 \hline
 59808 \\
 29904 \\
 \hline
 39872 \\
 4346648
 \end{array}$$

at gate

9168

$$\begin{array}{r}
 9968 \\
 436 \\
 \hline
 59808 \\
 29904 \\
 \hline
 39872 \\
 4346648
 \end{array}$$

$$\begin{array}{r}
 56 \ 30 \\
 44 \ 30 \\
 \hline
 100 \ 60 \\
 101 \ 30 \\
 \hline
 78 \ 30
 \end{array}$$

Returned - Survey. Jan 16, 1927. Same Area

$$\begin{array}{r}
 98006 \\
 2 \\
 \hline
 492530 \\
 19 \\
 \hline
 511
 \end{array}$$

$$\begin{array}{r}
 80 \ 49 \\
 35 \ 4 \\
 \hline
 115 \ 53 \\
 118 \ 53 \\
 \hline
 21 \ 7
 \end{array}$$

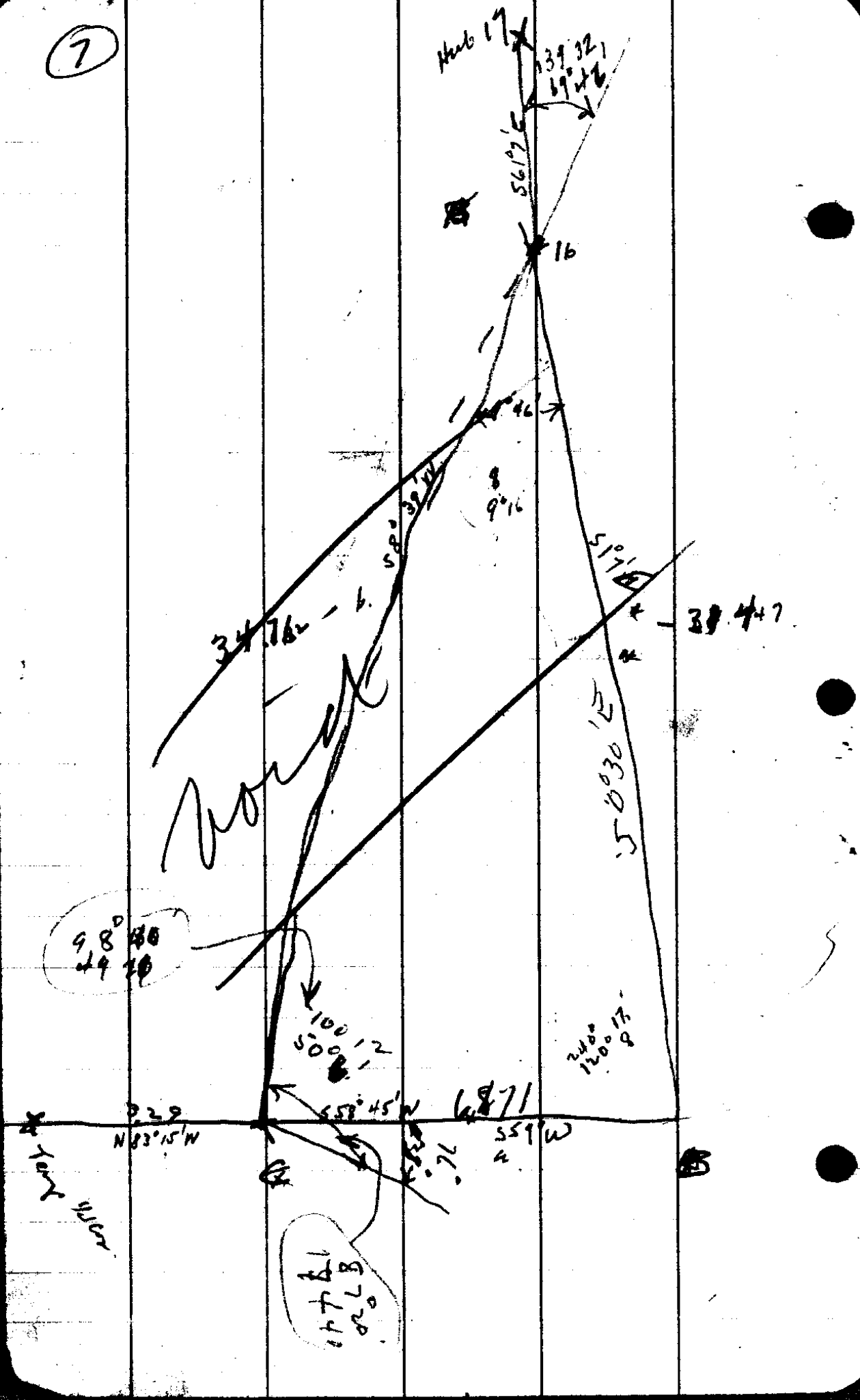
22/50

(5)

| Hub  | Ch.   | L                    | CC ✓                      | AC          | Slope                          |
|------|-------|----------------------|---------------------------|-------------|--------------------------------|
| 1/43 | 18/14 |                      |                           |             |                                |
|      | .584  |                      |                           |             |                                |
| 31   |       | 111 47<br>55° 53' R  | 514° <sup>59'</sup> 47' E | 514° E      | 72510 710                      |
| 30   | 2.130 | 48 41<br>24° 21' L   | 70° 52'<br>570° 36' E     | 570° E      |                                |
| 29   | 3.541 | 42 40<br>21° 20' R   | 546° 31' E                | 546° E      |                                |
| 28   | 4.450 | 87 06<br>43° 33' R   | 67° 51'<br>568° 06' E     | 566° E      |                                |
| 27   | 5.340 | 55 7<br>27° 34' L    | N 68° 36' E               | N 70° E     | L 34<br>5.00                   |
| 26   | 1.870 | 23 34<br>11° 47' R   | S 83° 50' E               | D 83° E     |                                |
| 25   | 1.548 | 18 4<br>9° 2' R      | N 84° 23' E               | N 82° E     |                                |
| 24   | 1.890 | 70 33<br>35° 16' R   | N 75° 20' E               | N 76 1/2° E |                                |
| 23   | 2.921 | 49 49<br>49° 53' R   | N 40° 5' E                | N 41 1/2° E |                                |
| 22   | 1.633 | 210 24<br>105° 12' L | 9° 50'<br>N 70° 38' W     | N 8 1/2° W  |                                |
| 21   | 7.002 | 40 25<br>70° 12' R   | 84° 38' E ✓               | S 83 1/2° E | 9136'<br>-16' 15' 2227<br>5.80 |
|      |       |                      | N 75° 10' E               |             |                                |



7



58 45  
38  
120 50  
120 45  
83 15

180  
120 50  
59 52  
58 45  
1 7

S 58 45 W (8) 11960  
120 8  
59 52  
58 45  
51 72

8 37  
7  
9 46

120 8  
59 52  
179 50  
178 74  
9 46

$$b = \frac{a}{\sin A} \sin B$$

$$c = \frac{a}{\sin A} \sin(A+B)$$

a = 6.871      Log a =  
A = 9° 46'      Log sin A =  
B = 120° 8'      Log A+B =  
C = 50° 6'      Log sin B =

.837020  
9.229518  
1.889888  
9.933596      - 9.809163  
9.700716

.837020  
9.229518  
1.607502  
9.933596  
6.541099

1.607505  
9.889518  
1.497023

b = 34.862

c = 34.447

1.507502  
9.700716  
1.208218

1.507506  
9.809163  
1.316665

33770 SD

⑨

324625(49)

48

47

46

45

44

43

42

41

40

38

19

1.145

3.645

1.643

1.515

1.941

2.821

1.977

6.872

5.187

2.353

4.671

24(35 20  
26 31  
17 39  
8 41) R

~~5 53  
2 57~~ L

6 7  
3 3' R

12 12  
6 6 L

12 0  
6 0' 4

8 26  
21 13 R

13 57  
6 58 L

8 6  
4 3' R

1 0 6  
0 38 R

15 25  
7 43' L

102 19  
71 10' L

✓

S 7° 35' E 5 2 1/2 E

S 10° 27' E S 10° 20' E - 9° 55' 370

S 7° 30' E S 8° 2' E - 12° 0' 1.68

S 10° 33' E S 10° E

S 4° 27' E S 4° E

S 1° 33' W S 1° 2' W + 8° 5' 2.85

S 2° 40' E S 2° 1/2' E + 9° 35' 2.005

S 4° 18' W S 4° 2' W + 27° 10' 2.56  
+ 23° 5' 5.00

S 0° 15' W S 1° 1/4' W + 7° 30' 2.3  
5.00

S 0° 23' E S 0° 3/4' W + 7° 50' 2.375

S 7° 20' W S 8° W + 8° 47' 1.7

S 98° 30' W

10

8 51  
8 52  
8 53  
36  
79  
21  
21  
16  
42

98506

97815

206  
.09  
.16  
3.27  
0.21  
.60  
1.52  
1.02  
1.18

98506

97815

782520  
586890  
97815  
16432720  
81

689542  
295510  
3644722

98986

98986

99067

28  
494930  
799888  
197972  
28211010

2370  
495335  
693469  
297201  
198134  
235284125

98604

88968

98604

2079  
4594  
6.97

88968

256  
533809  
424840  
177936  
22798509

2005  
193000  
9740800  
197701420

99144

99027

99067

99067

4717  
698187  
99027

2374  
5

99027

698187  
396108  
467110359

(11) Set up on Hub 46 135 on Hub 47

| Obs # | A      | Hor L  | M.C.    | Time   |
|-------|--------|--------|---------|--------|
| 1     | 21°40' | 43°50' | 525°W   | 2:44.6 |
| 2     | 2135   | 43°33' | 525°20' | 5.60   |
| 3     | 2130   | 43°15' | 525°30' | 7.12   |
| 4     | 21°25' | 42°56' | 525°45' | 8.34   |
| 5     | 2118   | 42°39' | 526°45' | 9.48   |

Lat. 43° 39' 5" N Log Cos. 9.859480  
 Log Tan. 9.979527  
 Declination Greenwich Noon. 20° 55' 43.9"  
 Diff Hr. = 28.68" - diff 10th h. = 4' 49.7"  
 declination 20° 50' 54.2"

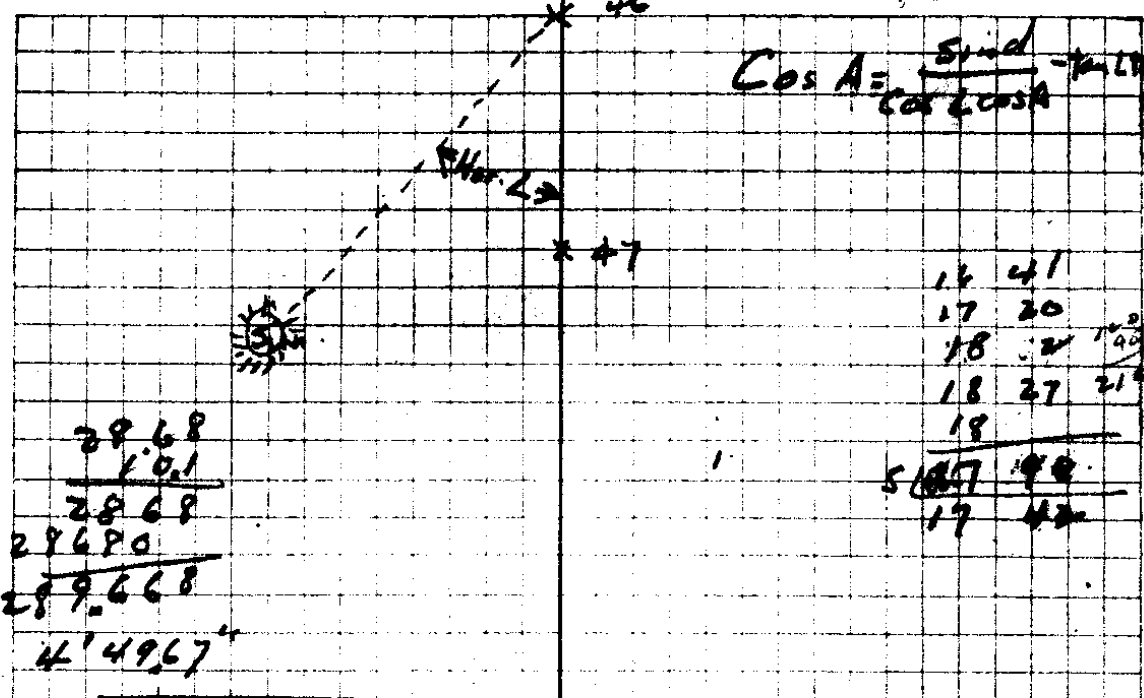
Log Sin 9.551356

| Obs #            | 1           | 2           | 3           | 4           | 5           |
|------------------|-------------|-------------|-------------|-------------|-------------|
| A                | 21°40'      | 21°35'      | 21°30'      | 21°25'      | 21°18'      |
| Ref -<br>par. t. | 22 27       | 22 27       | 22 27       | 22 27       | 22 27       |
|                  | 21° 37' 43" | 21° 32' 42" | 21° 27' 42" | 21° 22' 42" | 21° 15' 41" |
| Log Cos.         | 9.968278    | 9.968628    | 9.968777    | 9.969025    | 9.969370    |
| Log Tan.         | 9.598354    | 9.596508    | 9.594656    | 9.592799    | 9.590188    |

|     |                 |              |          |
|-----|-----------------|--------------|----------|
| # 5 | 9.859480        | 9.551356     | 9.979527 |
|     | 9.969370        | 9.828850     | 9.590188 |
|     | <u>9.828850</u> | 9.722506     | 9.549715 |
|     | 525° 39' W      | 52785        | 37129    |
|     | 516 41'E        | 37129        |          |
|     |                 | <u>89904</u> |          |

Tue Jan. 17 1928.

31 28 (16)



|    |   |   |  |
|----|---|---|--|
| #1 | Log Lat 9.859480<br>Log A 9.968278<br><u>9.827758</u><br>43° 50' W<br>518° 0' E | Log Sine 9.551356<br><u>9.827758</u><br>9.723598<br>52918<br>37224<br><u>9.0552</u> | Log Tan L 9.979527<br>" A 9.598354<br><u>9.577881</u><br>37854 |
| #2 | 9.859480<br>9.968278<br><u>9.828048</u><br>42° 30' W<br>518° 30' E              | 9.551356<br><u>9.828008</u><br>9.728348<br>52887<br>37678<br><u>9.0560</u>          | 9.979527<br>9.596508<br><u>9.576036</u><br>37673               |
| #3 | 9.859480<br>9.968777<br><u>9.827257</u><br>43° 15' W<br>518° 50' E              | 9.551356<br><u>9.827257</u><br>9.724099<br>52877<br>37513<br><u>9.0576</u>          | 9.979527<br>9.594656<br><u>9.574183</u><br>37513               |
| #4 | 9.859480<br>9.969025<br><u>9.828505</u><br>42° 56' W<br>517° 20' E              | 9.551356<br><u>9.828505</u><br>9.722851<br>52826<br>37353<br><u>9.0179</u>          | 9.979527<br>9.592799<br><u>9.572346</u><br>37353               |

22/60

(13)

A1

Temp 1/4 Cor

15° 14'  
7.372

N 89° 8' E

Temp 1/4 Cor

83° 15' E

A2

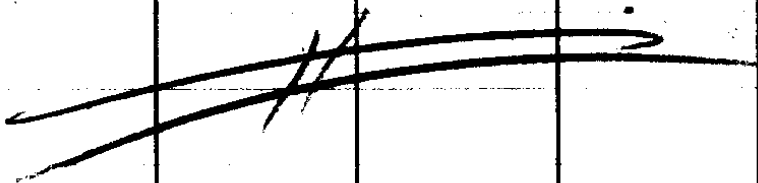
Temp 1/4 Cor 10/15

2439  
12° 20' L

N 84° 25' E

S 83° 15' E

C.



51

4280

S 1° 22' E

50

26'  
D° 13' R

S 1° 35' E

+ 37° 20' 2.137  
+ 2010' 2.737



15

Oak line Tree

3824

15

✓  
S 77°20'E

L 1757  
+14.0 213

87°17' R

N 15°23'E

14

Temp SE DLD 39

6100

28

19844  
9922 L

✓  
S 124°11' W

S 14° W

204  
402  
542  
ONST  
01E  
+310

62

N  
S 67°51' W

|       |    |
|-------|----|
| 15    | 23 |
| 87    | 17 |
| <hr/> |    |
| 13    | 40 |
| 10    | 40 |
| <hr/> |    |
| 77    | 20 |

97030

85717  
990-11

|      |
|------|
| 6751 |
| 99   |
| 17   |
| 16   |
| 12   |
| 47   |

(17)

$$b = \frac{a}{\sin A} \sin B$$

$$c = \frac{a}{\sin A} \sin(A+B)$$

b

c

$$\text{Log } a = .837020$$

$$\text{Log } \sin A = 9.206906$$

$$\text{Log } \left(\frac{a}{\sin A}\right) = 1.630114$$

$$\text{Log } \sin B = 9.935988$$

$$\text{Log } b = 1.566102$$

$$\text{Nat } b = 36.821$$

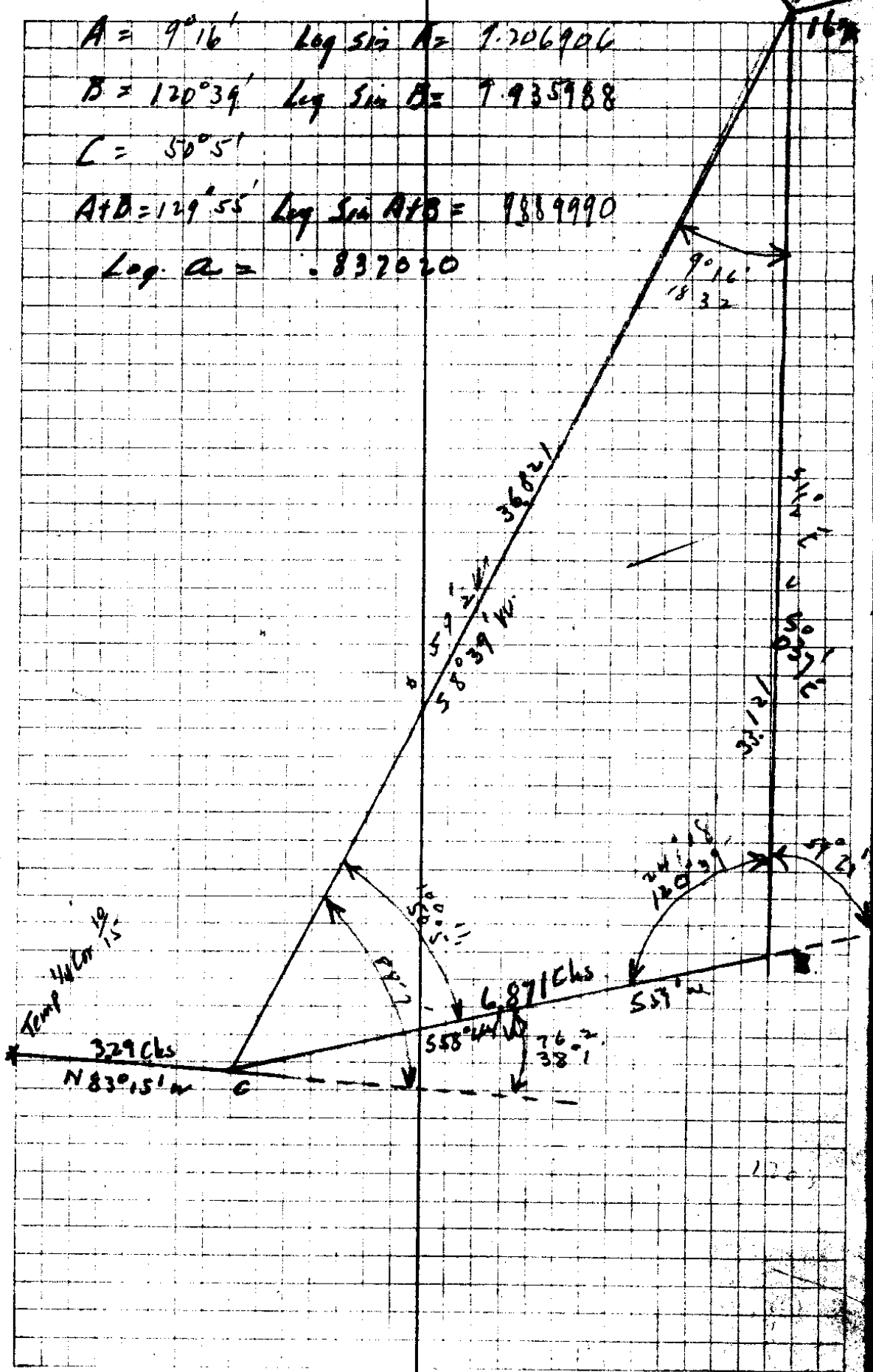
$$1.630114$$

$$\text{Log } \sin(A+B) = 9.889990$$

$$\text{Log } c = 1.520104$$

$$\text{Nat } c = 33.21$$

$A = 9^{\circ}16'$      $\log \sin A = 9.206906$   
 $B = 120^{\circ}39'$      $\log \sin B = 9.935988$   
 $C = 50^{\circ}5'$   
 $A+B = 129^{\circ}55'$      $\log \sin A+B = 9.889990$   
 $\log a = .837020$



(19)

Sec. Corner  $\frac{10}{15} | \frac{11}{14}$  Set  
2" x 36" iron pipe 30" in ground  
for corner from CBTs. one  
cut down for weed but scribe marks  
plain. the N 30° E 267 lks. the  
other buried down but checked for  
bearing and distance.

Scribed 36" B oak. T22SR6W S 11 CSBT  
N 15° E 3.50 lks on slope of +21° 41'

Scribed 24" W oak. T22SR6W S 15 CSBT  
S 65° 1/2 W 1.432 lks on slope of -19° 10'

Scribed 30" W oak T22SR6W S 15  
S 21° W 2023 lks on slope of -18° 30'

NW Cor. DLC 41

3.56 - 11° 0' + .98 level.

20" WD. ~~S 82° 1/2 E~~ Scribed  
C 1 41 CS BT.

8" WD S 49° E + 6 1/11 scribed  
C 1 41 CS BT.

Set cam sextant with time gear attached for  
corner from stamp of D.B.Ts scribe into  
visible

14 3 2  
3 30

SW Cor Ct 39.

Iron pipe 1 1/2" x 30" driven  
flush. Remarked DBT.

Fir 36' S 5° E 30 lbs  
40' S 5° W 30 lbs

Sec. Cor 16 | 15  
21 | 22

Set Sandstone 8 x 6 x 20" chiseled  
X on top and 3 notches each face

8" Fir N 40° W <sup>41 lbs</sup> scribed 516T22SRALCSBT

14" Fir N 85° E 52 lbs 515T22SRALCSBT

15" Fir S 15° E 48 lbs 522

16" Fir S 38° W 1 lbs 521

Cor. reset proper bearing and dist from  
1 DBT. S 45° E 111 lbs 30" now.

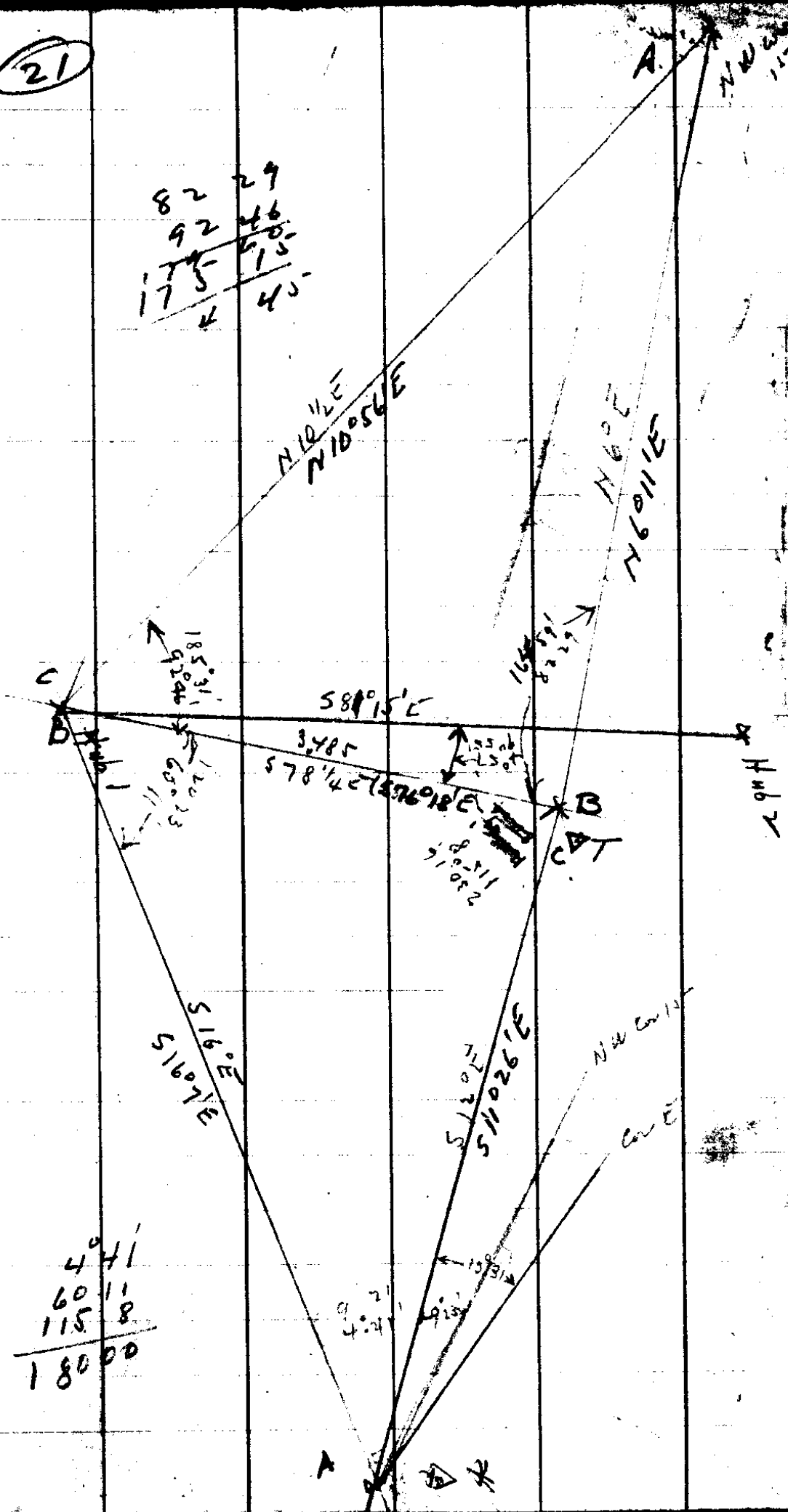
Chopped out marks plain.

Burned out maple N 85° W 47 lbs  
instead of 51 lbs as called for in  
orig. field notes.

2/25

(21)

|     |    |
|-----|----|
| 82  | 29 |
| 92  | 46 |
| 179 | 60 |
| 175 | 15 |
| 4   | 45 |



|     |    |
|-----|----|
| 44  | 11 |
| 60  | 11 |
| 115 | 8  |
| 180 | 00 |

$a = 3.485$   
 $A = 4^{\circ}45'$   
 $B = 82^{\circ}29'$   
 $C = 92^{\circ}46'$   
 $A+B = 87^{\circ}14'$

$\text{Log } a = 0.542203$   
 $\text{Log Sin } A = 8.918073$   
 $\text{Log Sin } B = 9.996252$   
 $\text{Log Sin } (A+B) = 9.999493$

$\begin{array}{r} .542203 \\ 8.918073 \\ \hline 1.624130 \\ 9.996252 \\ \hline 1.620382 \end{array}$

$\begin{array}{r} 1.624130 \\ 9.999493 \\ \hline 1.623623 \end{array}$

$b = 41.724$

$c = 42.036$

$a = 3.485$   
 $A = 4^{\circ}41'$   
 $B = 60^{\circ}11'$   
 $C = 115^{\circ}8'$   
 $A+B = 64^{\circ}52'$

$\text{Log } a = 0.542203$   
 $\text{Log Sin } A = 8.911949$   
 $\text{Log Sin } B = 9.938330$   
 $\text{Log Sin } (A+B) = 9.956803$

$\begin{array}{r} .542203 \\ 8.911949 \\ \hline 1.630254 \\ 9.938330 \\ \hline 1.568584 \end{array}$

$\begin{array}{r} 1.630254 \\ 9.956803 \\ \hline 1.587057 \end{array}$

$b = 37.033$

$c = 38.642$

23

goodly Sec - 10/15

NW Cor DCC 1

52°26'  
37°13'

N88°44'W

Δ 2

Temp 56.6/41.39

✓  
51°23'W

NW Cor DCC 1

105°20'  
52°41/2

7.221

554°3'W

553 1/2 W

-21°45' 2.785  
22° 5.00

Δ 2

4.981

152°26'  
76°13' L

N 49°44'W

N 49 3/4 W

5.00

Δ 1

1.673

102°16'  
51°8' L

N 1°24'E

N 1/2°E

+20° 1.78

Sec Cor 11/15

24

$$\begin{array}{r}
 75175 \\
 93969 \\
 \hline
 93969 \\
 110883
 \end{array}$$

$$\begin{array}{r}
 92881 \\
 92718
 \end{array}$$

$$\begin{array}{r}
 92881 \\
 2785
 \end{array}$$

$$\begin{array}{r}
 99619 \\
 \hline
 498095
 \end{array}$$

$$\begin{array}{r}
 464405 \\
 743048 \\
 650167 \\
 185762
 \end{array}$$

$$\begin{array}{r}
 92718 \\
 \hline
 463590
 \end{array}$$

$$\begin{array}{r}
 93969 \\
 178 \\
 \hline
 751752 \\
 657783 \\
 93969 \\
 \hline
 18726482
 \end{array}$$

$$\begin{array}{r}
 258673585 \\
 96357 \\
 \hline
 72206
 \end{array}$$

22/20

25

L

MC

Temp  
SW C139  
Temp 1/4 cor 1/5  
Fence cor Just E  
Sec cor 1 mi W  
Δ2  
BS on A

116 39'  
58° 20'  
26 8' 18"  
134 4'  
27 2 7'  
137 3'  
27 4' 14"  
137 7' R

57 1/2 W  
583 3/4 W  
586 1/2 W

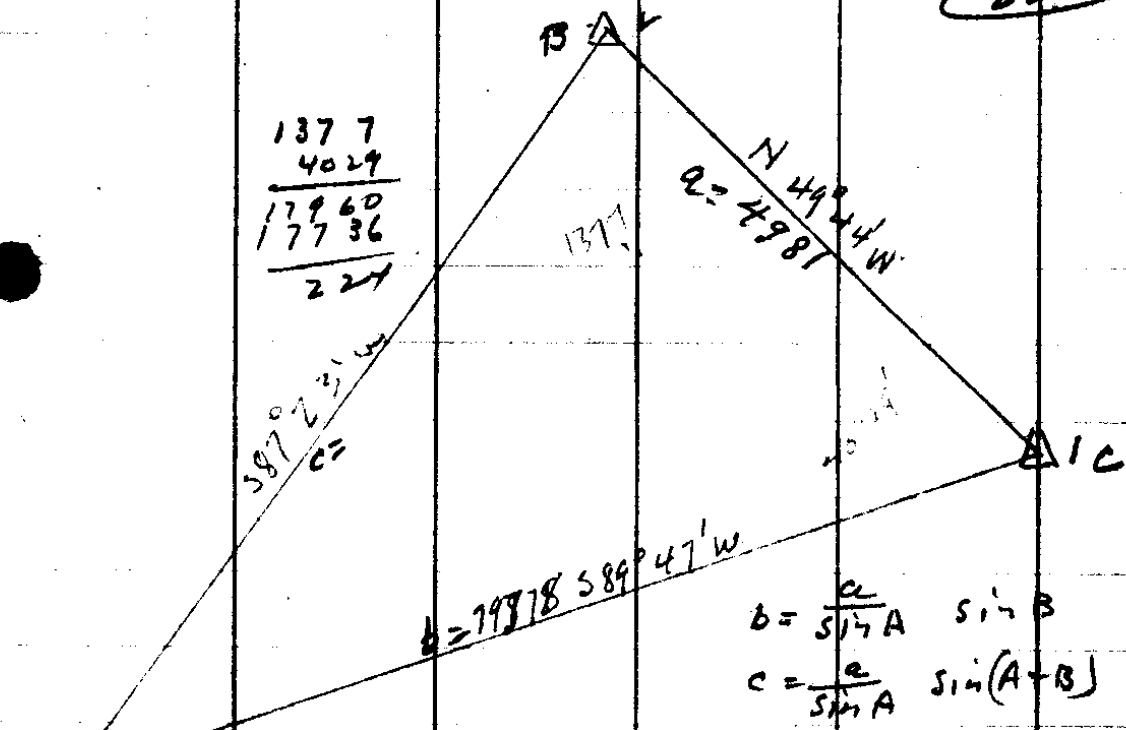
Temp SE Cor C139  
Temp 1/4 S cor 1/5  
Fence cor Just E  
Sec. Cor 1 mi W  
Δ1

232 W  
116° 2' L  
81° 28'  
40° 44' L  
80 59'  
40° 29' L  
80 59'  
40° 29' L

5 14° W  
5 89 1/4 W  
5 89 1/2 W  
5 89 1/2 W

BS on Δ2

252



$$\begin{array}{r} 1377 \\ 4029 \\ \hline 17960 \\ 17736 \\ \hline 224 \end{array}$$

587° 23' W  
c =

$$b = \frac{c}{\sin A} \sin B$$

$$c = \frac{a}{\sin A} \sin(A+B)$$

A \* Sec. Cor. 1 mi W  
NW cor 15'

a = 4.981  
 A = 20° 24'  
 B = 137° 7'  
 C = 40° 29'  
 A+B = 139° 31'

Log c = .697317  
 Log sin A = 8.621962 ✓  
 " sin B = 9.826491 ✓  
 " sin(A+B) = 9.812692 ✓

$$\begin{array}{r} .697317 \\ 8.621962 \\ \hline 2.075355 \\ 9.826491 \\ \hline 1.901846 \end{array}$$

$$\begin{array}{r} 2.075355 \\ 9.812692 \\ \hline 1.888047 \end{array}$$

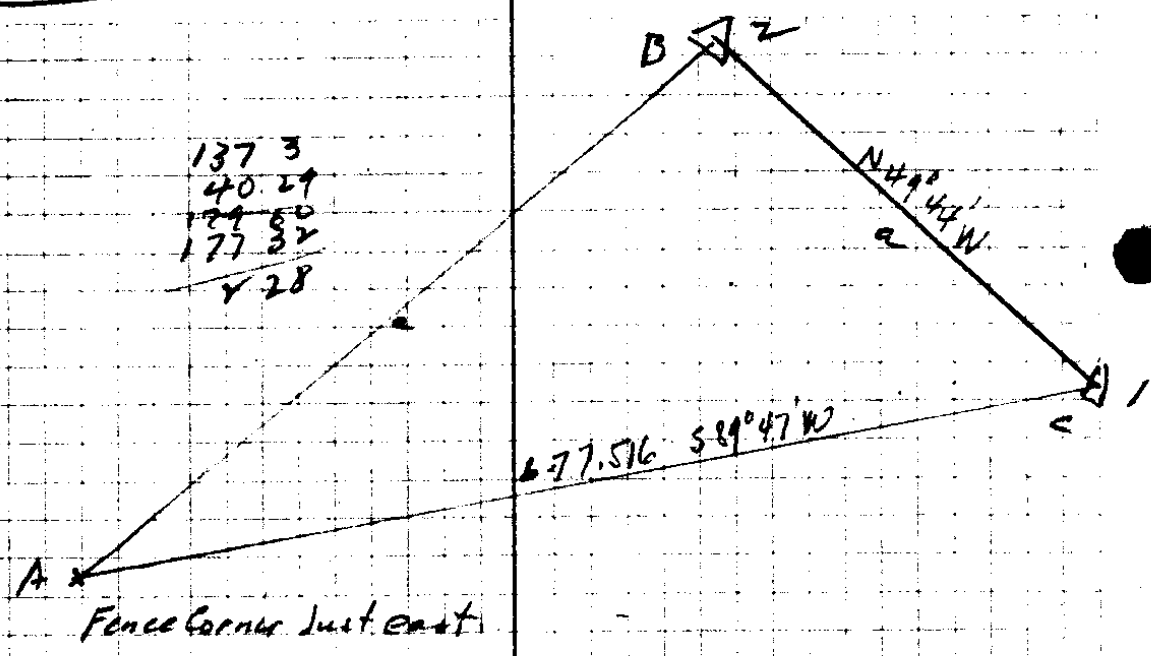
b = 7.9878

c = 7.7277

22/25

256

137 3  
40 29  
~~177 62~~  
177 32  
- y 28



|                        |                                     |
|------------------------|-------------------------------------|
| $a = 4.281$            | $\log a = .697317$                  |
| $A = 2^{\circ}28'$     | $\log \sin A = 8.633854$            |
| $B = 137^{\circ}31'$   | $\log \sin B = 9.825931$            |
| $C = 40^{\circ}29'$    |                                     |
| $A+B = 139^{\circ}31'$ | $\log^{\text{sum}}(A+B) = 9.812692$ |

.697317  
8.633854  

---

2.063463  
9.825931  

---

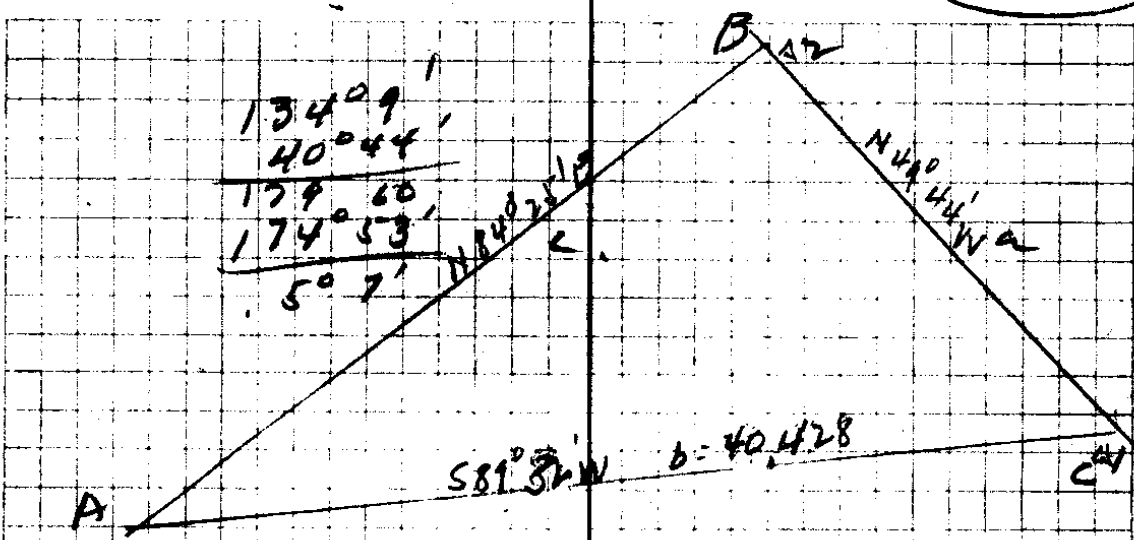
1.889394

b = 77.516

2.063463  
9.812692  

---

1.876155  
c = 75.189



Temp  $\frac{1}{4}$  Sec  $\frac{10}{15}$

- a = 4.981      Log a = 6.97317
- A = 50.7      Log Sin A = 8.950287
- B = 134.09      Log Sin B = 9.850619
- C = 40.44

$\therefore A+B = 139.16$       Log Sin(A+B) = 9.810465

6.97317  
 8.950287  
 1.747030  
 9.850619  
 1.597649

1.747030  
 9.810465  
 1.557495

b = 39.596

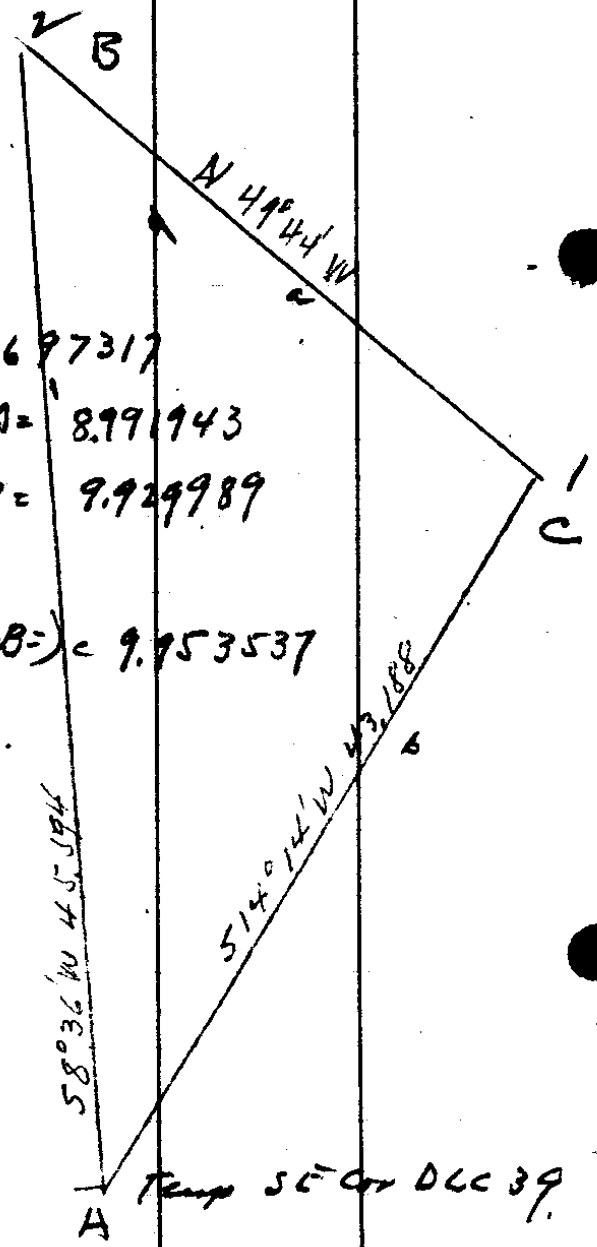
c = 36.099

254

|       |    |
|-------|----|
| 58    | 20 |
| 116   | 2  |
| 174   | 22 |
| <hr/> |    |
| 538   |    |

$a = 4.981$   
 $A = 5^{\circ}38'$   
 $B = 58^{\circ}20'$   
 $C = 116^{\circ}2'$   
 $A+B = 63^{\circ}58'$

$\text{Log } a = .697317$   
 $\text{Log Sin } A = 8.991943$   
 $" \quad B = 9.929989$   
 $" \quad (A+B) = 9.953537$

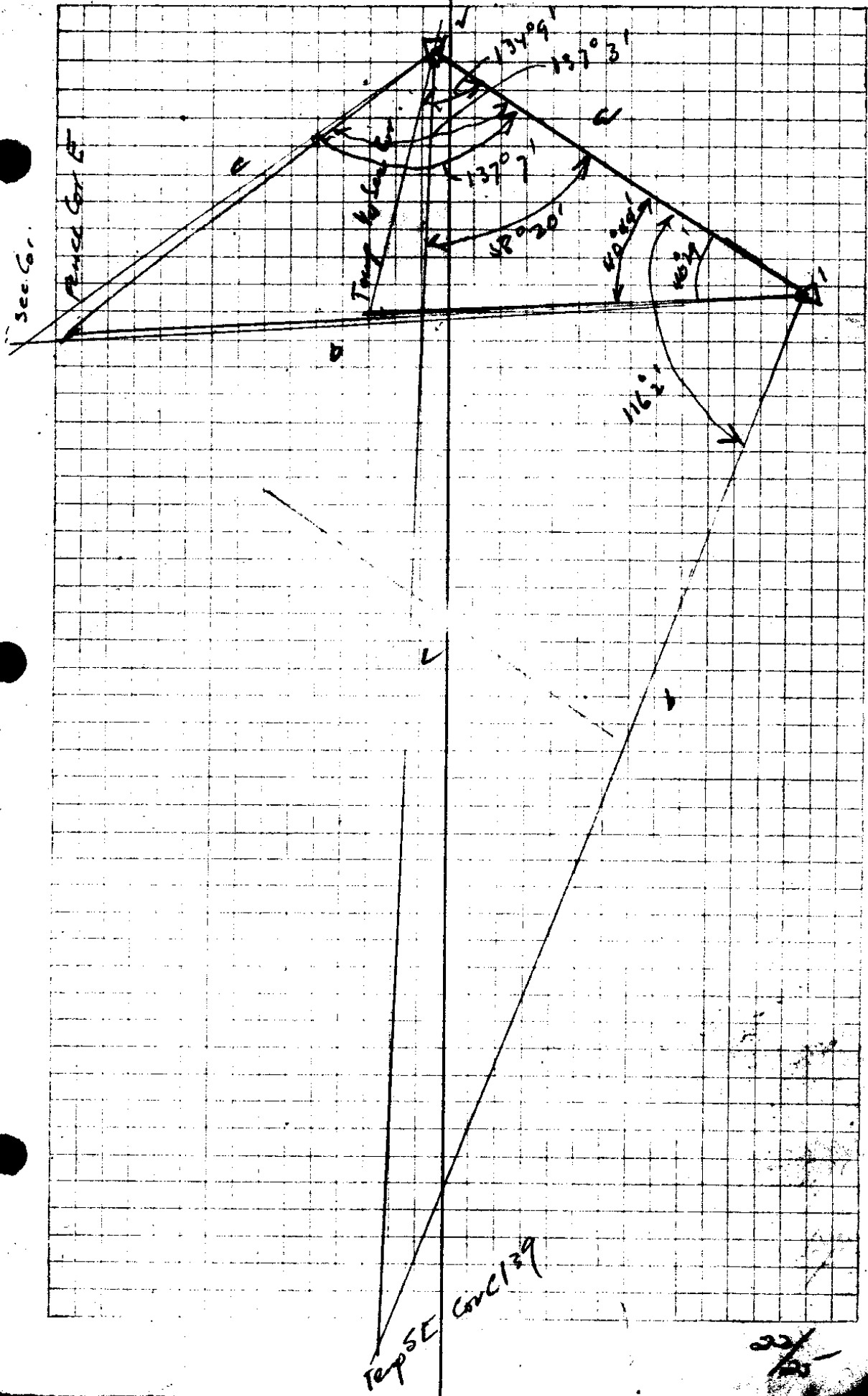


|          |
|----------|
| .697317  |
| 8.991943 |
| <hr/>    |
| 1.705374 |
| 9.929989 |
| <hr/>    |
| 1.635363 |

|          |
|----------|
| 1.705374 |
| 9.963537 |
| <hr/>    |
| 1.658911 |

$b = 43.188$   
 ✓

$c = 45.594$   
 ✓



22/25

| Hub.                  | Chs.  | L                        | CC          | MC          | Slope                          |
|-----------------------|-------|--------------------------|-------------|-------------|--------------------------------|
| 68                    | 2.682 |                          | S 83° 40' E | S 83 1/2° E | +22° 35' 2905                  |
| 67                    | 2.914 | 0° 4' 8" R               | S 83° 44' E | S 82 1/2° E | +30° 13.37                     |
| 312 80 66             | 6.835 | 27° 52' 13° 56' L        | S 69° 48' E | S 70° E     | +36° 82<br>+27° 176<br>-21 490 |
| 65                    | 6.068 | 28° 25' 19° 38' 9° 47' R | S 79° 35' E | S 80° E     | +13° 21.5<br>5.00              |
| 64                    | 4.850 | 50° 17' 20° 38' R        | S 82° 13' E | S 82° E     |                                |
| 63                    | 1.253 | 131° 43' 69° 21' L       | S 12° 52' E | S 78° E     |                                |
| 62                    | 7.066 | 170° 54' 85° 27' R       | N 81° 41' E | N 12 1/2° W | -35° 2.97<br>5.00              |
| 61                    | 2.300 | 33° 45' 16° 56' L        | S 81° 27' E | S 80 1/2° E |                                |
| 60                    | 5.578 | 13° 38' 6° 49' R         | S 88° 16' E | S 87 1/2° E | +21° 1.12<br>+24° 45' 5.00     |
| Σ cal. 16/15<br>21/22 | 1.481 | 248° 18' 129° 4' L       | S 60° 53' W | S 60 1/2° W | -15° 30' 1.546                 |
| Hub Y                 | 1.279 | 18° 50' 9° 25' R         | S 51° 28' W | S 52° W     |                                |
| Δ X                   |       | 125° 48' 62° 54' R       | S 11° 26' E |             |                                |
| Δ T                   |       |                          |             |             |                                |

92332  
2905  
464660  
8309850  
184664  
26822446

86457  
337  
519  
519  
259321  
36909  
21

9255

6948  
1508  
8344  
337

86457  
80902  
89101  
83958  
663  
1528  
4802  
6.835

93958  
84562  
375832  
4.603942  
90902  
161204  
49214  
633964  
6921.6  
5173  
8910  
176  
534604  
623707  
89101  
1568177

2065  
485325  
1211  
2068

Begin her Friday Jan 20 1928

81915  
409578  
297  
7.066

14869  
6053  
8816  
649  
8127  
1652  
17660  
9899  
8151

87462  
90814

90814  
454070  
1979  
5.518  
96206  
1526  
577236  
384824  
1443090  
148734476

page 21

(29)

78

128

40 49  
20° 24' L

N 89° 29' E West

77

1.694

52 51  
26° 25' R

S 70° 7' E S 70° E + 31° 10' 1.98

76

1.407

8° 46'  
4° 23' R

N 83° 28' E N 88° E + 36° 30' 1.758

75

4.240

37 18  
19° 31' L

N 79° 51' E N 79° 2' E + 32° 500

74

3.562

22 36  
11° 18' R

S 82° 16' E S 83° E + 19° 20' 3.61

73

2.554

110 28  
55° 14' R

N 86° 26' E N 86° 4' E + 12° 15' 2.76

51

.432

38 21  
19° 24' R

N 31° 12' E N 32° E

72

1.62

37 23  
18° 41' R

N 11° 48' E N 12° E

71

2.14

73 34  
46° 47' L

N 6° 53' W N 6° W

70

3.258

87 38  
43 48 49 L

N 39° 54' E N 39° 2' E + 16° 30' 3.398

69

2.919

25 16  
12° 38' L

N 83° 42' E N 86° E + 12° 30' 2.990

68

70071  
2024  
17960  
9031  
8429

95567  
198  
684536  
770103  
85567  
16942266

85567

83 28  
26 21  
109 53  
70 7

82 12  
18 37  
176 20  
100 55  
79 5

80038

~~80038~~  
~~17700~~

80038  
1758  
64030  
400190  
2560266  
80038  
7140706804

86 26  
11 18  
56 44  
87 16

98676  
92554  
371  
72

92554  
276  
555324  
647878  
185108  
25544924

95882  
5398  
767056  
862938  
287646  
287646  
325807032  
83 42  
12 38  
71 60  
76 18  
13 42

98676  
361  
98676  
592056  
296028  
35622036

95882

77630  
299  
87867  
87867  
19526  
2519157

83 40  
12 38  
71 60  
76 18  
13 42

(31)

Mid point on line between  
1/4 sec. cor on E + W Bdrngs  
Buggy axle 1" sq x 45" long  
with stop attached, driven 40" in  
ground

18" Fir N. 41° W 35 lks

1/2" x 24" pipe +  
Set boulder 6" x 8" x 12" fir witness corner  
to the 1/4 Sec. cor on the W side  
of sec 15- which falls in  
Elk Crk.

Scribed 18" Fir S 24° 45' E <sup>60</sup> 216 lks  
W.C. 1/4 S 15 CS BT

36" Fir S 78° 15' W 216 lks  
W.C. 1/4 S 16 CS BT

This W.C. is 156 lks south of  
the true corner and on the Sec  
line which bears N 0° 22' W

299  
300  
144  
156

32

22/25

(53) 1/2 " x 48" pipe driven 44" in ground  
for. 1/4 cor bet 10 + 15

1/4 Cor. Bet Sec. 10 + 15  
12" Ash East. 1528 lks.  
scribed 1/4 S. C.S. B.T.

1/4 Locust N 88°30'W 689.5 lks.  
scribed 1/4 S 10 C.S. B.T.

x at top of N. wing wall on old  
bridge. Abut. 543°55' 230 lks.  
chisled x 1/4

True bear. bet 10/15

± 95

S 39°32'W

Temp bet cor. bet 10/15

50 cfd 37

i

2,00

22) 49

(27)

84

5

Boulder 7x10x10 set Fluct. X  
20° Fir 519° E 102 lks slope 429 1/2°

Fir 119° W 84 lks slope -34°  
CI 39 CSBT

SW Cor CI 41

Sandstone 6x10x18 set 10" in ground  
chisled X

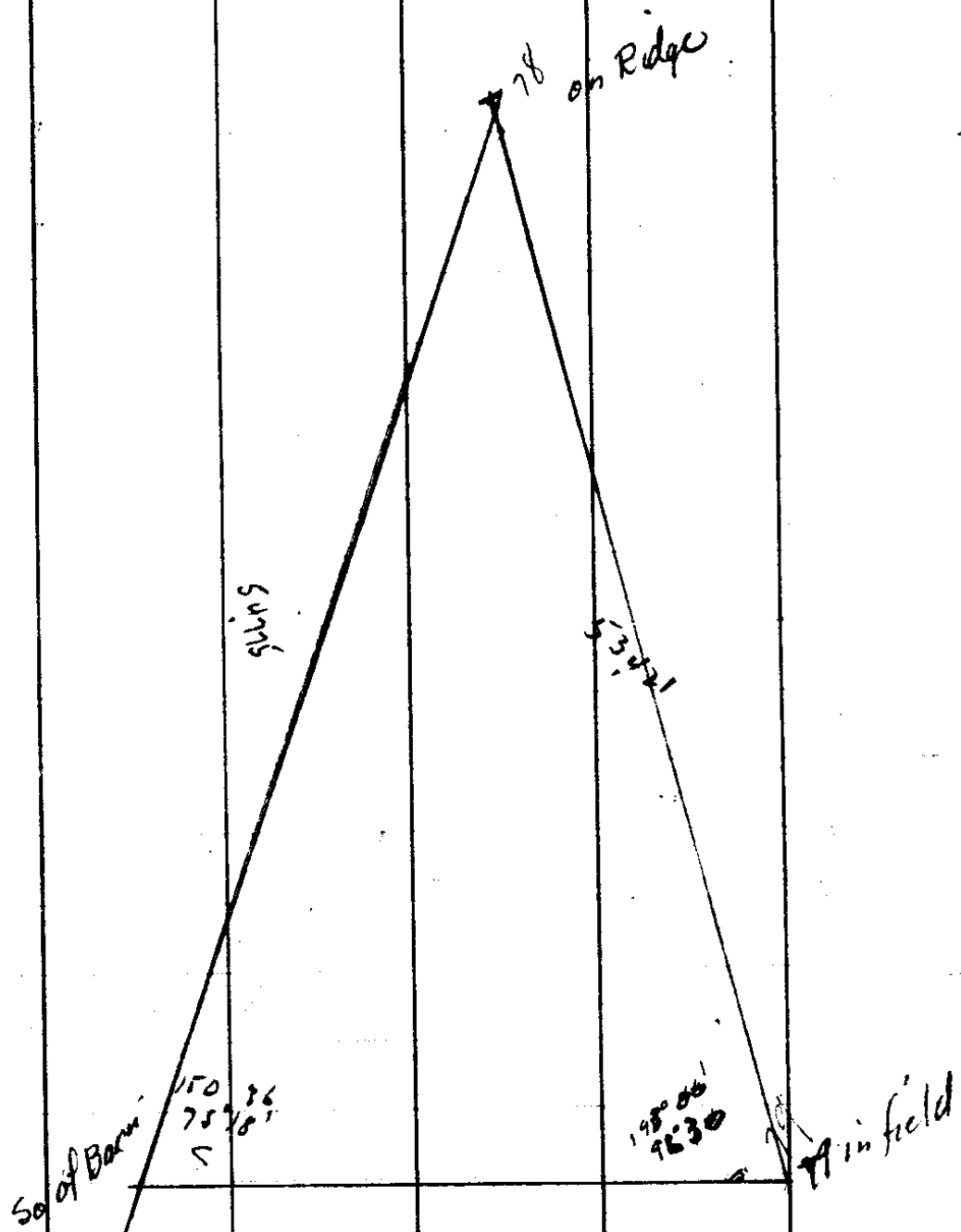
559° 37' E 169 1/2 lks 18" Fir CI 41 CSBT

N 44° 50' E 305.5 30" W Fir "

Jan. 31 1928 +  
Feb 1 1928

Same crew

22/25



$5^{\circ}55' - 5,00 - 49,733$   
 $2,89 \quad L \quad \underline{289}$   
 $7,863^3$

A - 8°12'

Log Sin A. 9.154208

B - 96°30'

Log Sin B 9.997199

C 75°18'

A+B. 104°42'

Log Sin A+B. 9.986331

a - 7863

Log a. .895588

.895588  
 9.154208  
~~9.741380~~  
 9.997199  
 1.738579

1.741380  
 9.986331  
 1.727711

17940  
 17128  
 812

54,775

5,3421

$$b = \frac{\sin a}{\sin A} \sin B$$

$$c = \frac{\sin A}{\sin(A+B)} \sin(A+B)$$

99467 8  
 49,7335

Jan. 31 1928

20/25-

| Hub      | Chs. | L                | CC | mc                                 | Slope                   |
|----------|------|------------------|----|------------------------------------|-------------------------|
| 70       |      |                  |    |                                    |                         |
|          | 1260 |                  |    | S 85 <sup>1</sup> / <sub>2</sub> W | +17°35' 1322            |
| 25727 89 |      | 3 2<br>6°31' L   |    |                                    |                         |
|          | 1890 |                  |    | N 88° W                            |                         |
| 88       |      | 19°20'<br>9 42 R |    |                                    |                         |
|          | 1886 |                  |    | S 62 <sup>1</sup> / <sub>2</sub> W | -10°50' 192             |
| 87       |      | 4441<br>22°21' L |    |                                    |                         |
| 22071    | 1596 |                  |    | N 76 <sup>1</sup> / <sub>2</sub> W | -7°30' 161              |
| 86       |      | 200<br>30°0' R   |    |                                    |                         |
|          | 2639 |                  |    | N 85 <sup>1</sup> / <sub>2</sub> W | -13°10' 271             |
| 85       |      | 8 33<br>4°16' R  |    |                                    |                         |
|          | 1870 |                  |    | N 89 <sup>1</sup> / <sub>2</sub> W | -8°55' 1893             |
| 17536 84 |      | 8 13<br>4°7' R   |    |                                    |                         |
|          | 2985 |                  |    | S 87° W                            |                         |
| 83       |      | 10 19<br>5°10' L |    |                                    |                         |
|          | 1021 |                  |    | N 89° W                            | +13°30' 105             |
| 82       |      | 14 20<br>5°40' R |    |                                    |                         |
|          | 1969 |                  |    | S 86° W                            | -6° 1980                |
| 81       |      | 16 39<br>6°50' L |    |                                    |                         |
| 8        | 4975 |                  |    | N 88° W                            | -8°30' 503              |
| 80       |      | 10 47<br>5°21' L |    |                                    |                         |
| 80       | 7016 |                  |    | N 81° W                            | -6° 0200<br>1813<br>500 |
| 79       |      | 15752<br>78 57 L |    |                                    |                         |

95328

95328  
1322

5542

190646  
190650  
285984  
95328  
126023616

22  
2  
15

98218

196436  
883962  
98218

2530  
4530

98218

991441857552

991446

99144  
59  
99  
157

5342  
2530  
28

97371

97371  
271

98791

97371  
281597  
98791  
26387547

98791

1893  
296373  
889119  
790328  
98791  
7411363

97237

97237

105  
486185  
972378  
10209880

9945

Begin/ter Feb. 1 1928

99452  
198

99902

795676  
875068  
99452  
19691496

to 1/25 car

99452

997260  
20113  
2016

98902  
523

994510  
1975

Jan 31 1928

22/25

12



CS FILE FOLDER

CONTAINS

MORE

INFORMATION