



-  Proposed Location
-  Abo Production
-  Penn Bough "C" Production

EXHIBIT
 # 4
 case 8421

 SAMSON RESOURCES COMPANY SAMSON PLAZA TWO WEST SECOND STREET TULSA, OKLAHOMA 74103						
VADA PROSPECT Lea County, New Mexico						
ISOPACH MAP PENN BOUGH "C" LIMESTONE CI = 5'						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black;">Date</td> <td style="border: 1px solid black;">10/84</td> <td style="border: 1px solid black;">Scale</td> <td style="border: 1px solid black;">1" = 2000'</td> <td style="border: 1px solid black;">Drawn by</td> <td style="border: 1px solid black;">JC</td> </tr> </table>	Date	10/84	Scale	1" = 2000'	Drawn by	JC
Date	10/84	Scale	1" = 2000'	Drawn by	JC	