**Lithologic Log**

<table>
<thead>
<tr>
<th>Lithology</th>
<th>Depth</th>
<th>Deviations, tests, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS, lt gry, fn</td>
<td>50 - 140</td>
<td>12½&quot; hole</td>
</tr>
<tr>
<td>Shale/Slsttn, md gry</td>
<td>140 - 200</td>
<td></td>
</tr>
<tr>
<td>fossil (bivalves)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SS, lt gry, fn-crs</td>
<td>200 - 286</td>
<td>set 9 3/8&quot; casing @ 657'</td>
</tr>
<tr>
<td>Shale, md gry, sand, w/coal</td>
<td>286 - 612</td>
<td>8 3/4&quot; hole</td>
</tr>
<tr>
<td>Conglomerate, varig volc</td>
<td>612 - 693</td>
<td></td>
</tr>
<tr>
<td>SS, md gry, fn</td>
<td>693 - 750</td>
<td></td>
</tr>
<tr>
<td>Coal/Shale</td>
<td>750 - 780</td>
<td></td>
</tr>
<tr>
<td>SS/Clay, md gry, fn-md</td>
<td>780 - 997</td>
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</tr>
<tr>
<td>Coal/Shale</td>
<td>997 - 1026</td>
<td>1°-844'</td>
</tr>
<tr>
<td>Clay/Snd, brwn-lt gry, fn</td>
<td>1026 - 1127</td>
<td>1°-1030'</td>
</tr>
<tr>
<td>Coal/Shale</td>
<td>1127 - 1170</td>
<td>fluor 1140-1150</td>
</tr>
<tr>
<td>SS, Coal/Shale</td>
<td>1170 - 1210</td>
<td>fluor 1230-1250, DST#1 1227-1270</td>
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<tr>
<td>Clay/Shale</td>
<td>1210 - 1220</td>
<td></td>
</tr>
<tr>
<td>SS, md gry, fn</td>
<td>1220 - 1466</td>
<td>2°-1470', fluor 1465-1480,</td>
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<tr>
<td>Coal/Shale</td>
<td>1466 - 1520</td>
<td>DSR#2 1468-1498</td>
</tr>
<tr>
<td>SS, lt gry, fn-md</td>
<td>1520 - 1650</td>
<td>3°-1565'</td>
</tr>
<tr>
<td>Coal/Shale, SS</td>
<td>1650 - 1711</td>
<td>2°45'-1661</td>
</tr>
<tr>
<td>SS, md gry, fn-md</td>
<td>1711 - 1850</td>
<td>2°45'-1755, 2°15'-1846'</td>
</tr>
<tr>
<td>Clay/Shale, dk gry</td>
<td>1850 - 1877</td>
<td>1°45'-1943', fluor 1945-1970</td>
</tr>
<tr>
<td>SS, md gry, fn-crs</td>
<td>1877 - 1910</td>
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<tr>
<td>Coal/Shale</td>
<td>1910 - 1951</td>
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<tr>
<td>SS, lt gry, fn-md</td>
<td>1951 - 2006</td>
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<tr>
<td>Coal</td>
<td>2006 - 2009</td>
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<tr>
<td>SS, lt gry, fn-md</td>
<td>2009 - 2089</td>
<td>2°30'-2153'</td>
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<tr>
<td>Clay/Shale, coal</td>
<td>2089 - 2137</td>
<td>2°15'-2266'</td>
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<tr>
<td>SS, lt gry, fn-md</td>
<td>2137 - 2265</td>
<td>Sluffing</td>
</tr>
<tr>
<td>Shale, md gry, slty</td>
<td>2265 - 2318</td>
<td>4°-2459'</td>
</tr>
<tr>
<td>SS, md gry, fn-md</td>
<td>2318 - 2355</td>
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<tr>
<td>Coal/Shale</td>
<td>2355 - 2423</td>
<td></td>
</tr>
<tr>
<td>SS, lt gry, fn-md</td>
<td>2423 - 2604</td>
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<tr>
<td>Coal/Shale</td>
<td>2904 - 2645</td>
<td></td>
</tr>
<tr>
<td>SS, clay/Slsttn</td>
<td>2645 - 3132</td>
<td>3°-2665, 2776; 3°30'-3081</td>
</tr>
<tr>
<td>Volc, pillow basalts</td>
<td>3132 - 3700</td>
<td>2°45'-3178, 2°3440, 2°15'-3555, ranSchlumberger logs</td>
</tr>
</tbody>
</table>