WELL RECORD

Address: 800 Union Trust Bldg., Pittsburgh 19, Pa.

Farm: John and Emma Crow
Acres: 330

Location (water): [Information not provided]

Well No.: 4696
Elev: 1186.50' O.D.

District: Webster
County: Marshall

The surface of the tract is owned in fee by:

Address: [Information not provided]

Mineral rights are owned by:

Address: [Information not provided]

Drilling commenced: July 30, 1962
Drilled completed: October 17, 1962
Date Shot: 10/14/62 From Big Injun

With: Pitot Tube

Open Flow: 160 g/e 10ths Water in 8,000,000 cu. ft.
Volume: 168 /10ths Water in 1 lnd 82 feet 82 feet

Rock Pressure: 916 lbs. 72 hrs.

Oil: bbl., 1st 24 hrs.

Fresh water: 82 feet
Salt water: feet

Casing and Tubing

<table>
<thead>
<tr>
<th>Casing and Tubing</th>
<th>Used in Drilling</th>
<th>Left in Well</th>
<th>Packers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>13 3/8&quot;</td>
<td>61'7&quot;</td>
<td>61'7&quot;</td>
</tr>
<tr>
<td>Size of</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size of</td>
<td>8 1/8</td>
<td>71 1/4&quot;</td>
<td>71 1/4&quot;</td>
</tr>
<tr>
<td>Size of</td>
<td>6 1/2</td>
<td>1785 1/4&quot;</td>
<td>1785 1/4&quot;</td>
</tr>
</tbody>
</table>

Depth set:

5 1/16

Perf. top:

Perf. bottom:

Perf. top:

Perf. bottom:

Casing Cemented:

Size:

No. Ft.

Date:

Coal was encountered at 630 feet.

Oil or Gas Found:

Depth

Remarks:

- Water - 82'
- Show of gas at 1337' - Est. 50 MCF/day
- Pay Zones - Big Injun
- 1819-1830 Driller
- 1834-1836 Driller

<table>
<thead>
<tr>
<th>Formation</th>
<th>Color</th>
<th>Top</th>
<th>Bottom</th>
<th>Oil, Gas or Water</th>
<th>Depth Found</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pittsburgh</td>
<td>Coal</td>
<td>7</td>
<td>630</td>
<td>637</td>
<td></td>
<td>Water - 82'</td>
</tr>
<tr>
<td>Big Dunkard</td>
<td></td>
<td>30</td>
<td>1097</td>
<td>1132</td>
<td></td>
<td>Show of gas at 1337' - Est. 50 MCF/day</td>
</tr>
<tr>
<td>Sand</td>
<td></td>
<td>25</td>
<td>1197</td>
<td>1222</td>
<td></td>
<td>Pay Zones - Big Injun</td>
</tr>
<tr>
<td>Sand</td>
<td></td>
<td>50</td>
<td>1247</td>
<td>1297</td>
<td></td>
<td>1819-1830 Driller</td>
</tr>
<tr>
<td>Gas Sand</td>
<td></td>
<td>29</td>
<td>1313</td>
<td>1342</td>
<td></td>
<td>1834-1836 Driller</td>
</tr>
<tr>
<td>1st Salt Sand</td>
<td></td>
<td>25</td>
<td>1387</td>
<td>1412</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2nd Salt Sand</td>
<td></td>
<td>15</td>
<td>1467</td>
<td>1482</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3rd Salt Sand</td>
<td></td>
<td>145</td>
<td>1552</td>
<td>1697</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Big Injun</td>
<td></td>
<td></td>
<td>1737</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Drilled 7'/8" hole to 1787' and cemented 3'/4".
Casing at 1785'.
Drilled 4'/3" hole to 1848'.
Total Depth 1848.