Company: THE MANUFACTURERS LIGHT AND HEAT COMPANY
Address: 800 Union Trust Bldg., Pgh., Penna.

Farm: V. B. Pyles
Acre: 33
Location (waters):
Well No.: 2747
Elev.: 1386'
District: Liberty
County: Marshall
The surface of the tract is owned in fee by:

Address: ______________________________________

Mineral rights are owned by:
Address: ______________________________________

Drilling commenced: July 10, 1922
Drilling completed: Aug. 9, 1922
Date Shot: From To:
With:
Open Flow: /10ths Water in.
/10ths Merc. in.
Volume: Cu. Ft.
Rock Pressure: lbs.
hrs.
Oil: bbls., lst 24 hrs.
Fresh water: 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>
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<tr>
<td>16</td>
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<td>13</td>
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<tr>
<td>10</td>
<td>306</td>
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</tr>
<tr>
<td>8 1/4</td>
<td>1631</td>
<td>1631</td>
<td></td>
</tr>
<tr>
<td>6 1/2</td>
<td>2153</td>
<td>2153</td>
<td>2110</td>
</tr>
<tr>
<td>5 8/16</td>
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<td>8</td>
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<tr>
<td>2</td>
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<tr>
<td>Liners Used</td>
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<tr>
<td>Perf. top</td>
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<td>Perf. bottom</td>
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<td>Perf. bottom</td>
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</tbody>
</table>

Casing Cemented: Size: No. Ft.: Date:

COAL WAS ENCOUNTERED AT 800 FEET INCHES
1020 FEET INCHES 1113 FEET INCHES

Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
----------|-------|--------------|-----|--------|-------------------|-------------|---------|
Waynesburg Coal | | | 800 | 803 | | |
Maplestown Coal | | | 1020 | 1023 | | |
Pittsburgh Coal | | | 1113 | 1119 | | |
Red Rock | | | 1119 | 1160 | | |
Little Dunkard | | | 1560 | 1580 | | |
Big Dunkard | | | 1631 | 1704 | | |
Gas Sand | | | 1734 | 1774 | | |
2nd Gas Sand | | | 1760 | 1805 | | |
1st Salt Sand | | | 1807 | 1828 | | |
Sand & Lime | | | 2027 | 2052 | | |
Shale | | | 2062 | 2106 | | |
Maxen Sand | | | 2106 | 2153 | Gas 2118 to 2145 |
Total Depth | | | 2153 | | | |

**DRILLED DEPTHS**

Drilling commenced April 9, 1925
Completed May 1, 1925
Commenced in Maxen Sand at a depth of 2153 feet

Maxen Sand | 2153 | 2195 |
Pencil Cave | 2212 | 2218 |
Big Lime | 2218 | 2273 |
Big Injun Sand | 2273 | 2525 |
Sandy Lime | 2740 | 2775 |
Lime Shells | 2834 | 2890 |
Red Rock | 2980 | 3033 |
Sand Shells | 3100 | 3108 |
Gordon Sand | 3120 | 3143 |
Sand Shells | 3155 | 3175 |
Sand | 3185 | 3198 |
Slate & Shells | 3198 | 3246 |
Total Depth | 3246 | |

**NOTE:** In 1939 this well was filled back from 3246' to 2453' but we do not have a well record.

(Over) NOV 12 1954
<table>
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<tr>
<th>Formation</th>
<th>Color</th>
<th>Hard or Soft</th>
<th>Top</th>
<th>Bottom</th>
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<th>Remarks</th>
</tr>
</thead>
</table>

Date: May 12, 19 54

APPROVED: THE MANUFACTURERS LIGHT AND HEAT COMPANY

By: (Signature)  
ASST. LAND AGENT  
(Note: Title)