**WELL RECORD**

**Company:** The Manufacturers Light and Heat Company

**Address:** 800 Union Trust Building, Feb. 19, Penna.

**Farm:** W. E. Gebo  
**Acres:** 66

**Location (watsers):**

**Well No.:** 1-4444 (1022)  
**Elev.:** 1411.13'

**District:** Liberty  
**County:** Marshall

The surface of tract is owned in fee by:

**Address:**

**Mineral rights are owned by:**

**Address:**

**Drilling commenced:** June 24, 1957  
**Drilling completed:** October 10, 1957

**Date Shot:** From  
**To:**

**With:**

**Open Flow**  
**10ths Water in.**  
**10ths Merc. In.**

**Volume:**  
**Cu. Ft.:**

**Rock Pressure:**  
**lbs.:**  
**hrs.:**

**Oil:**  
**bbls., 1st 24 hrs.:**

**Fresh water:**  
**foot:**

**Salt water:**  
**foot:**

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**Formation**  
**Color**  
**THICKNESS**  
**Top**  
**Bottom**  
**Oil, Gas or Water**  
**Depth Found**  
**Remarks**

<table>
<thead>
<tr>
<th>Formation</th>
<th>Color</th>
<th>THICKNESS</th>
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<th>Bottom</th>
<th>Oil, Gas or Water</th>
<th>Depth Found</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pittsburgh Coal</td>
<td>9'</td>
<td>1023'</td>
<td>1023'</td>
<td>2070'</td>
<td>2422'</td>
<td>1003'</td>
<td>All pipe measured over threads Run 426' of 10-3/4'' Casing Em. Gr. H-32# on a steel shoe set at 423' and did not cement. Pull all the original 8-5/8'' Casing, total 306'. Run 1703' of 7'' Casing Srd. thd. consisting of 378' of 7'' used 23#. 76' of 7'' J-55 23'' (new), 380' of 7'' used 20' and 861' of 7'' J-55 20''(new). Run on a steel shoe set at 1590' and cemented with 300 bags cement, 14.5 lbs. per gallon. No return of cement at surface. Run 2157' of 5-1/2'' Cement Em. Gr. J-17# on a steel shoe set at 2140' and cemented with 300 bags cement, 15.3 lbs. per gallon. Good return of cement at surface. Pilled back from total depth of 2462' to 2422' with 20 bags cement. Cemented with a Damp Bailier.</td>
</tr>
<tr>
<td>Maston Sand</td>
<td>9'</td>
<td>2070'</td>
<td>2070'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Big Injun Sand</td>
<td>217'</td>
<td>2205'</td>
<td>2205'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Casing and Tubing**  
**Used in Drilling**  
**Left in Well**  
**Packers**

**Size:**  
**Kind of Packer:**  
**Size of:**  
**Depth set:**  
**Perf. top:**  
**Perf. bottom:**

**Liners Used:**  
**Perf. top:**  
**Perf. bottom:**

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**Casing Cemented**  
**No. Ft.**  
**Date**

**COAL WAS ENCOUNTERED AT**  
**FEET**  
**INCHES**

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**Oil or Gas Well:**

**(KIND):**

(Over)