## WELL RECORD

**Location:** State of West Virginia  
**Department:** Oil and Gas Division

### Company Information
- **Name:** The Mfrs., Lt. and Ht. Co.  
- **Address:** 800 Union Trust Bldg., Pittsburgh 19, Pa.

### Well Details
- **Well No.:** 4675  
- **Location:** Liberty, Marshall  
- **Surface Tract Owned in Fee By:**  
- **Mineral Rights Owned By:**  
- **Drilling Commenced:** June 3, 1962  
- **Drilling Completed:** July 18, 1962  
- **Date Shot:** July 18/62

### Completions and Packers
- **Size:**  
- **Kind of Packer:**  
- **Size of:**  
- **Depth Set:**  
- **Perf. Top:**  
- **Perf. Bottom:**

### Casing and Tubing
- **Volume:** 13,860,000 Cu. Ft.

### Open Flow
- **Open Flow:**
- **Volume:**

### Pressure
- **24 PEG:**
- **Merch.:**

### Rock Pressure
- **650 lbs. 24 hrs.**

### Oil Data
- **Bbls., 1st 24 hrs.:**

### Water Data
- **Feet:**

### Salt Water Data
- **Feet:**

### Coal Encounter
- **Coal Was Encountered At:** 470 Feet

### casing cemented
- **Size:**
- **No. Ft.:**
- **Date:**

### Remarks

### Formation Details
<table>
<thead>
<tr>
<th>Formation</th>
<th>Color</th>
<th>Bedding (\text{in}X)</th>
<th>Top</th>
<th>Bottom</th>
<th>Oil, Gas or Water</th>
<th>Depth Found</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Pittsburgh Coal</td>
<td>8</td>
<td>10/09/62</td>
<td>470</td>
<td>478</td>
<td>598</td>
<td>598</td>
<td>1038</td>
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<tr>
<td>Murphy Sand</td>
<td>6</td>
<td>10/09/62</td>
<td>592</td>
<td>1038</td>
<td>1186</td>
<td>1186</td>
<td>1293</td>
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<tr>
<td>Big Dunkard</td>
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<td>10/09/62</td>
<td>1013</td>
<td>1293</td>
<td>1388</td>
<td>1388</td>
<td>1514</td>
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<tr>
<td>1st Salt Sand</td>
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<td>10/09/62</td>
<td>1168</td>
<td>1514</td>
<td>1592</td>
<td>1592</td>
<td>1758</td>
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<tr>
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<td>1758</td>
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<tr>
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<td>1560</td>
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<td>1560</td>
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<tr>
<td>Total Depth</td>
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<td>1596</td>
<td>1560</td>
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</tbody>
</table>

### Casing Details
- **5 1/2” Casing set at:** 1560 Feet
- **Max. Depth Logged:** 1753'