STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE No. MARS 497

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.

— DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.
### WELL RECORD

**Company:** The Mica, Lr., & Ht. Co.  
**Address:** 800 Union Trust Bldg., Pittsburgh, Pa.  
**Farm:** J. R. Teagarden  
**Acres:** 91  
**Location (wells):**  
**Well No.:** 4796  
**Elev.:** 1140.00'  
**District:** Liberty  
**County:** Marshall  
**The surface of the tract is owned in fee by:**  
**Address:**  
**Mineral rights are owned by:**  
**Address:**  
**Drilling commenced:** May 21, 1963  
**Drilling completed:** June 13, 1963  
**Date Shot:** 6/13/63  
**From:** Marton  
**To:** Big Injun  
**With:** Orifice Gas Well Tester  
**Open Flow:** 1.4  
**10ths Water in:** 1/10th  
**10ths Merc. in:** 1/10th  
**Volume:** 288,500 Cu. Ft.  
**Rock Pressure:** 479 lbs 24 hrs.  
**Oil:** bbls., 1st 24 hrs.  
**Fresh water:** feet  
**Salt water:** feet  

<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 Coal</td>
<td>8</td>
<td>818</td>
<td>826</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Murphy Sand</td>
<td>10</td>
<td>937</td>
<td>947</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Big Dunkard</td>
<td>73</td>
<td>1317</td>
<td>1390</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1st Salt Sand</td>
<td>15</td>
<td>1500</td>
<td>1515</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2nd Salt Sand</td>
<td>18</td>
<td>1697</td>
<td>1715</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marton Sand</td>
<td>30</td>
<td>1830</td>
<td>1860</td>
<td>Perforated 1830' to 1860'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower Marton Sand</td>
<td>7</td>
<td>1900</td>
<td>1907</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Big Lime</td>
<td>42</td>
<td>1910</td>
<td>1952</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Big Injun Sand</td>
<td></td>
<td>1954</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Depth</td>
<td></td>
<td></td>
<td>2116'</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 1/2&quot; Float Shoe set at</td>
<td></td>
<td></td>
<td></td>
<td>1910</td>
<td>1730</td>
<td></td>
</tr>
<tr>
<td>2&quot; Insert Ck. Valve</td>
<td></td>
<td></td>
<td></td>
<td>2145'</td>
<td>2150</td>
<td></td>
</tr>
</tbody>
</table>

**COAL WAS ENCOUNTERED AT:** 818 FEET.  
**FEET.**  
**INCHES.**  
**INCHES.**  

**OCT 1963**  
**RECEIVED**  
**West Virginia**  
**Dept. of Mines**