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

WELL LOCATION MAP
FILE NO. MARS-277-REDRILL

+ 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.

COMPANY: The Manufacturer Light & Heat Co.
FARM: G.M. Miller
TRACT: 40 Acres
LEASE NO.: 2333
WELL (FARM) No.: 277
SERIAL No.: 5172
ELEVATION (SPIRIT LEVEL): 1034'
QUADRANGLE: Littleton
COUNTY: Marshall
DISTRICT: Liberty
ENGINEER: Thomas E. Vergin
ENGINEER'S REGISTRATION NO.: 1593
FILE No.: Drawing No.: 5/15/1944
DATE: 20 March 55
SCALE: 1/800
<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></td>
<td>Kind of Packer</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>279</td>
<td>Size of</td>
<td></td>
</tr>
<tr>
<td>8-1/4</td>
<td>1183</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 5/16</td>
<td>1704</td>
<td>Depth set</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Perf. top</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Perf. bottom</td>
<td></td>
</tr>
</tbody>
</table>

Mineral rights are owned by

Drilling commenced April 11, 1955

Date Shot From To

With

Open Flow /10ths Water in /10ths Merc in

Volume No gas to test Cu. Ft.

Rock Pressure lbs hrs

Oil bbls, 1st 24 hrs

Fresh water feet

Salt water feet

Casing Cement Size No. Ft Date

Coal was encountered at 615 feet inches

698 feet inches feet inches

Formations Color Hard or Soft Top

Mapleton Coal

Pittsburgh Coal

Mazon Sand

Total Depth

<table>
<thead>
<tr>
<th>Bottom</th>
<th>Oil or Gas or Water</th>
<th>Depth Found</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1722</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Over)