COAL OWNED BY: ____________________________

NEW LOCATION: _____________________________

DRILL DEEPER: _____________________________

ABANDONMENT: _____________________________

COMPANY: THE MANUFACTURERS LIGHT & MIGHT CO.
ADDRESS: 288 UNION TRUST BLDG., P.O., PA.

FARM: RAY LOUGH
TRACT: ACRES 144 LEASE NO. 34436
WELL (FARM) NO.: 2 SERIAL NO.: 2447
ELEVATION (SPIRIT LEVEL): 1239'

QUADRANGLE: CAMERON 50
COUNTY: MARSHALL DISTRICT: LIBERTY
ENGINEER: THOMAS E. VIRGIN
ENGINEER'S REGISTRATION NO.: 1593
FILE NO.: DRAWING NO.: V-25-307
DATE: 28 MAR. 61 SCALE: 1" = 800'

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

WELL LOCATION MAP
FILE No. MARS-410-R
051 9499

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

++ DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.
STATE OF WEST VIRGINA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well: GAS

<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></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 3/4&quot;</td>
<td>299'</td>
<td>299'</td>
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</tr>
<tr>
<td>8 1/2/8&quot;</td>
<td>1418'</td>
<td>1418'</td>
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</tr>
<tr>
<td>7&quot;</td>
<td>2068'</td>
<td>2068'</td>
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</tr>
<tr>
<td>Depth set</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 3/16&quot;</td>
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<td></td>
<td></td>
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</tbody>
</table>

Mineral rights are owned by

| Address | |
|---------| |

Drilling commenced: April 14, 1961
Drilling completed: June 3, 1961
Date Shot: 6/9/61

Liners Used:

- 3
- 2

Casing Cemented

<table>
<thead>
<tr>
<th>CASING CEMENTED</th>
<th>SIZE</th>
<th>No. Ft.</th>
<th>Date</th>
</tr>
</thead>
</table>

Open Flow:

- 0/10th Water in. 1/4
- 0/10th Merc. in. 1/4

Volume:

- None
- Cu. Ft.

Rock Pressure:

- 5 lbs. 72 hrs.

Oil:

- bbls., 1st 24 hrs.

Fresh water:

- foot

Salt water:

- foot

<table>
<thead>
<tr>
<th>Formation</th>
<th>Color</th>
<th>Hard or Soft</th>
<th>Top</th>
<th>Bottom</th>
<th>Oil, Gas or Water</th>
<th>Depth Found</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>Pittsburgh Coal</td>
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<td>940</td>
<td>948</td>
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<tr>
<td>Big Dunkard Sand</td>
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<td>1408</td>
<td>1496</td>
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<td>Big Lime</td>
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<td>Big Injun Sand</td>
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<tr>
<td>Set 7&quot; Casing</td>
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<td>2320</td>
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<tr>
<td>Plug Back to</td>
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<td>2320</td>
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</tbody>
</table>

COAL WAS ENCOUNTERED AT 940 FEET INCHES


Form: THICKNESS

(Over)