STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. MARS-250-A

COMPANY: THE MANUFACTURERS LIGHT AND HEAT CO.
ADDRESS: 800 UNION TRUST BLDG., PITTSBURGH, PA.
FARM: GOSHORN HEIRS (149 ACRES)
TRACT: 8 & 9
ACRES: 149
LEASE NO.: 14034-749A
WELL (FARM) NO. 1 ON TRACT # 8
SERIAL NO.: 3369
ELEVATION (SPIRIT LEVEL): 1205

QUADRANGLE: CAMERON 4C
COUNTY: MARSHALL
DISTRICT: LIBERTY

ENGINEER: W. E. FRASER
ENGINEERS REGISTRATION NO.: 1202
FILE NO.: D-16-13
DRAWING NO.: Y-11-257
DATE: JUNE 19 1946
SCALE: 1" = 500'

COAL OWNED BY: BELTON FUEL CO., UNIOTOWN, PA.

NEW LOCATION: ☐
DRILL DEEPER: ☐
ABANDONMENT: ☑

LATITUDE 39 50
LONGITUDE 80 35

WELL NO. U-78
1073 3952'

TRAJECTORY NO. 6 100 AC.

TRAJECTORY NO. 7 100 AC.

GOSHORN HR. 
TRAJECTORY NO. 8 100 AC.
RHODA A. PARSONS (GOSHORN) NO. 3369 WELL.

Liberty District, Marshall County, W. Va.
By Manufacturers Light & Heat Co.
Completed Aug. 23, 1929.
Record from Mr. Schillhammer Sept. 30, 1939.

<table>
<thead>
<tr>
<th>Depth Interval</th>
<th>Top</th>
<th>Botom</th>
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</thead>
<tbody>
<tr>
<td>Pittsburgh Coal</td>
<td>860</td>
<td>867</td>
</tr>
<tr>
<td>Murphy Sand</td>
<td>1005</td>
<td>1035</td>
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<tr>
<td>Little Dunkard Sand</td>
<td>1243</td>
<td>1257</td>
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<tr>
<td>Big Dunkard Sand</td>
<td>1330</td>
<td>1360</td>
</tr>
<tr>
<td>Gas Sand</td>
<td>1460</td>
<td>1525</td>
</tr>
<tr>
<td>1st Salt Sand (hole full water, 1695 and 1800')</td>
<td>1760</td>
<td>1810</td>
</tr>
<tr>
<td>Little Lime</td>
<td>1830</td>
<td>1835</td>
</tr>
<tr>
<td>Big Lime</td>
<td>1925</td>
<td>1950</td>
</tr>
<tr>
<td>Big Injun Sand (show oil, 2065')</td>
<td>1980</td>
<td>2210</td>
</tr>
<tr>
<td>30' Shells</td>
<td>2580</td>
<td>2660</td>
</tr>
<tr>
<td>Gordon Stray and Gordon (gas, 2847-2851')</td>
<td>2843</td>
<td>2890</td>
</tr>
<tr>
<td>4th Sand</td>
<td>2963</td>
<td>2970</td>
</tr>
<tr>
<td>Total depth</td>
<td>3143</td>
<td></td>
</tr>
</tbody>
</table>
## WELL RECORD

**Company:** The Manufacturers Light & Heat Company

**Address:** 500 Union Trust Bldg., Pittsburgh, Pa.

**Farm:** Goshen Heirs

**Location (waters):**

**Well No.:** 2 - 3369

**Elev.:** 1205 ft

**District:** Liberty

**County:** Marshall

**State:** West Virginia

**The Well Exchange Bank:**

**Address:** Wheeling, W.Va.

**Mineral rights are owned by:** The Mrs L & H Co.

**Address:** Pittsburgh, Pa.

**Drilling commenced:** 6/21/16

**Drilling completed:** 8/29/16

**Date Shot: From:**

**To:**

**With:**

### Casings and Tubing

<table>
<thead>
<tr>
<th>Size</th>
<th>Used in Drilling</th>
<th>Left in Well</th>
<th>Packers</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 ft</td>
<td>120', 6&quot;</td>
<td>-</td>
<td>Anchor</td>
</tr>
<tr>
<td>13 ft</td>
<td>1239', 6&quot;</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>8 ft</td>
<td>1795', 2&quot;</td>
<td>1795', 2&quot;</td>
<td>-</td>
</tr>
<tr>
<td>6 ft</td>
<td>2111', 7&quot;</td>
<td>2111', 7&quot;</td>
<td>2390</td>
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<tr>
<td>5 ft</td>
<td>3185', 7&quot;</td>
<td>3185', 7&quot;</td>
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</tbody>
</table>

**Drilling Pressure:** 315 lbs

**Rock Pressure:** 315 lbs

**Oil:** 60 bbls., 1st 24 hrs.

**Fresh Water:** 860 - 1695 - feet 1800

**Salt Water:**

- 515 ft 60 inches
- 580 ft 60 inches
- 760 ft 60 inches
- 860 ft 60 inches
- 867 ft 60 inches
- 925 ft 60 inches
- 935 ft 60 inches
- 975 ft 60 inches
- 995 ft 60 inches
- 1005 ft 60 inches
- 1035 ft 60 inches
- 1040 ft 60 inches
- 1074 ft 60 inches
- 1170 ft 60 inches
- 1210 ft 60 inches
- 1243 ft 60 inches
- 1267 ft 60 inches
- 1300 ft 60 inches
- 1360 ft 60 inches
- 1460 ft 60 inches
- 1525 ft 60 inches
- 1550 ft 60 inches
- 1654 ft 60 inches
- 1740 ft 60 inches
- 1810 ft 60 inches
- 1925 ft 60 inches

### Remarks

- Coal was encountered at 515 feet 60 inches
- 580 feet 60 inches
- 760 feet 60 inches
- 860 feet 60 inches
- 867 feet 60 inches
- 925 feet 60 inches
- 935 feet 60 inches
- 975 feet 60 inches
- 995 feet 60 inches
- 1005 feet 60 inches
- 1035 feet 60 inches
- 1040 feet 60 inches
- 1074 feet 60 inches
- 1170 feet 60 inches
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- 1243 feet 60 inches
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- 1360 feet 60 inches
- 1460 feet 60 inches
- 1525 feet 60 inches
- 1550 feet 60 inches
- 1654 feet 60 inches
- 1740 feet 60 inches
- 1810 feet 60 inches
- 1925 feet 60 inches
- Show of oil at 2065
<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>Slate, Pink Rock &amp; Shells</td>
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<td></td>
<td>2705</td>
<td>2843</td>
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<td></td>
<td></td>
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<tr>
<td>Gordon Stray &amp; Gordon</td>
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<td></td>
<td>2813</td>
<td>2890</td>
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<td></td>
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<tr>
<td>Slate &amp; Lime</td>
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<td></td>
<td>2890</td>
<td>2965</td>
<td></td>
<td></td>
<td>Gas at 2847 to 2851</td>
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<tr>
<td>4th Sand</td>
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<td>2970</td>
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<tr>
<td>Sand Shells</td>
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<td></td>
<td>2970</td>
<td>2995</td>
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<tr>
<td>Slate</td>
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<td></td>
<td>2995</td>
<td>3143</td>
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<td>Total depth</td>
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May 21st, 1946

The Manufacturers Light & Heat Company

Approved: [Signature]

By: [Signature]

Owner

Agent.