STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. MARS-274-A
Now MARS - 362

COAL OWNED BY: BELTON FUEL CO.

NEW LOCATION: 
DRILL DEEPER: 
ABANDONMENT: 

COMPANY: The Manufacturers Light and Heat Co.
ADDRESS: 600 Union Trust Bldg Pittsburgh, Pa.
FARM: Charles M. Charnock now Geo. E. Fish
TRACT: ACRES 140 AC. 76 P. LEASE NO. 2212
WELL (FARM NO.) 11 SERIAL NO. 2206
ELEVATION (SPRIT LEVEL) 1262'
QUERDANGLE: CAMERON SC
COUNTY: MARSHALL DISTRICT: LIBERTY
ENGINEER: Prof. H. W. Foster
ENGINEER'S REGISTRATION NO.
FILE NO. DRAWING NO. 13-10
DATE: FEBRUARY 9, 1946 SCALE 1"=660'

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.
**STATE OF WEST VIRGINIA**
**DEPARTMENT OF MINES**
**OIL AND GAS DIVISION**

**WELL RECORD**

**Permit No:** MARS-362-REDRILL

**Company:** The Manufacturers Light and Heat Company
**Address:** 800 Union Trust Bldg., Pittsburgh 19, Pa.
**Perm.** George E. Fish
**Acres:** 1¼

**Location (wetlands):**
**Well No.:** L-2206
**Elev.:** 1362

**District:** Liberty
**County:** Marshall

The surface of the tract is owned in fee by

**Address:**

**Mineral rights are owned by:**

Drilling commenced
**Date:** August 31, 1959
**Completed:** June 27, 1960
**Date Shot:** 6/28/60
**From:** 2009
**To:** 2235

With
**Orifice Wall Tester**

**Open Flow:** 3910ths Water in
**/10thths Gas in:**
**Volume:** 486,015
**Oil Pressure:** 62 lbs
**Rock Pressure:** 48 lbs
**Oil:** bbls, 1st 24 hrs.
**Fresh water:** feet
**Salt water:** feet

**Casing and Tubing:**
**Used in Drilling:**
**Casing:**
- 10 3/4" 1006
- 8 5/8" 977
- " ″ 1310
- 4 1/2" 1980

**Depth set:**
- 5 1/2" 2009
- 2009

**Liners Used:**
- 2

**Kind of Packer:**
- Perf. top
- Perf. bottom

<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></td>
<td>Size</td>
<td></td>
<td>Size</td>
</tr>
<tr>
<td></td>
<td>Kind of Packer</td>
<td></td>
<td>Depth</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Perf. top</td>
<td>Perf.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>bottom</td>
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</tbody>
</table>

**Casing Cemented:**
**Size:** No. Ft.
**Date**

**Formation**

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<tr>
<th>Formation</th>
<th>Color</th>
<th>Top</th>
<th>Bottom</th>
<th>Oil, Gas or Water</th>
<th>Depth Found</th>
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<td>Marston Sand</td>
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<td>Big Lime</td>
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<td>1935</td>
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<td>Big Injun Sand</td>
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<td>Not drilled through</td>
<td>2235</td>
<td>Left in hole</td>
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<td>Total Depth</td>
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<td>Tubing</td>
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<tr>
<td>Drill deeper</td>
<td>137</td>
<td>2098</td>
<td>2235</td>
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</tbody>
</table>

(Over)
## WELL RECORD

**Company:** THE MANUFACTURERS LIGHT & HEAT CO.  
**Address:** 800 Union Trust Bldg., Pgh., Penna.  
**Farm:** Mary Chartock  
**Acres:** 140  
**Location (waters):**  
**Well No.:** 1-2006  
**Elev.:** 1262  
**District:** Liberty  
**County:** Marshall  
**The surface of tract is owned in fee by:** George E. Fish  
**Star Route:** Address Cameron, W. Va.  
**Mineral rights are owned by:** The U.S. Lt. & Ht. Co.  
**Address:** 800 Union Trust Bldg., Pittsburgh, Penna.  
**Drilling commenced:** March 30th, 1918  
**Drilling completed:** May 27th, 1918  
**Date Shot:** From May 29th, 1918  
**To:**  
**With:**  
**Open Flow:** /10ths Water in cu. ft.  
**Volume:** /10ths Merc. in cu. ft.  
**Rock Pressure:** lbs. per sq. in.  
**Oil:** bbls., 1st 24 hrs.  
**Fresh water:** feet  
**Salt water:** feet  

### Casing and Tubing

<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, Sand, Lime</td>
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<td></td>
<td>15</td>
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<td>Lime</td>
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<td>893</td>
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<td>Slate &amp; Sand</td>
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</tbody>
</table>

### Packers

- Kind of Packer:  
- Size of:  
- Depth set:
<table>
<thead>
<tr>
<th>Formation</th>
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Date: July 16, 1948

APPROVED
THE MANUFACTURERS LIGHT & HEAT CO., Owner

By: [Signature]

(TITLE)