Liberty District, Marshall County, etc.

By The manufacturers ight & et Co., 800 Union Trust bldg., Pittsburgh, Pa.

Abandoned under permit No. 348; 350; Quadrangle. (Plat not in yet).

130 acres.

Location, 348.

Drilling commenced Nov. 26, 1920; completed Feb. 12, 1921.

10" casing, 200' (called); 8"., 1000' 6".; 6"., 1500' 6".

Water at 196'.

Little gas, 937-955'; little gas, 1747'; little gas, 2437'; Gas at 470'.

—2 gas at 2000'.

Well shut in Feb. 17, 1921, in 6" casing, made with spring gauge, 51 lbs.

1st shot L 14 - 30 - 25. Rock, 100 lbs. in 1/3 hour.

Production from Gordon and. all made by 10ths 1 2 3 in 6" opening.

One and. Record to C.T. of Kings dated March 21, 1921.


Top. Bottom.

Black Oak, dark, soft
White, dark, soft
_above, light, hard
Replacetown (Lowdley) coal
White, dark, soft
Pittsburgh coal
Big Buckard Bank, hard, light
Gas sand, dark, hard
_white, 112 - 115
white, 185 - 185
white, 320 - 320
white, 350 - 350
white, 424 - 424
white, 494 - 494
white, 992 - 1025
white, 1134 - 1142
blue, 1540 - 1547
Boston band, hard
Fused slate
Big deco, light
Big injun band, light, hard
Stone and shells, dark, hard
Gordon tray and, hard
Gordon band
fourth band, hard
Fifth band, hard
White, soft
Total depth

2991
## WELL RECORD

**Company:** THE MANUFACTURERS LIGHT AND HEAT CO.

**Address:** 800 UNION TRUST BUILDING

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### General Information
- **Farm:** N. W. Yeater
- **Acres:** 130
- **Location (waters):**
- **Well No.:** 2605
- **Elev.:**
- **District:** Liberty
- **County:** Marshall
- **The surface of the tract is owned in fee by:**
- **Address:**
- **Mineral rights are owned by:**
- **Address:**
- **Drilling commenced:** November 26, 1920
- **Drilling completed:** February 12, 1921
- **Date Shot:** From
- **To:**

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### Casing and Tubing

<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>
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<tr>
<td>18</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 1/2</td>
<td>1049' 1 3/4&quot;</td>
<td>1049' 1 3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>6 1/2</td>
<td>1594' 1 5/8&quot;</td>
<td>1594' 1 5/8&quot;</td>
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<tr>
<td>5 3/16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 1/2</td>
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</tr>
<tr>
<td>10</td>
<td></td>
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<td></td>
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</tbody>
</table>

**Depth Set:**

**Perf. top:**

**Perf. bottom:**

**Liners Used:**

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### CASING CEMENTED

- **Size:**
- **No. Ft.:**
- **Date:**

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### Coal Was Encountered At

- **Feet:**
- **Inches:**

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### Formation and Details

<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>
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</thead>
<tbody>
<tr>
<td>Native Coal (dark, soft)</td>
<td></td>
<td>112</td>
<td>115</td>
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<td>Water at 196'</td>
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<tr>
<td>Slate (dark, soft)</td>
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<td>185</td>
<td>225</td>
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<td>Little Gas 997 to 999</td>
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<tr>
<td>Lime (light, hard)</td>
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<td>320</td>
<td>390</td>
<td></td>
<td>Pencil Cave 1578' to 1580</td>
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<tr>
<td>Maplewood Coal</td>
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<td>390</td>
<td>394</td>
<td></td>
<td>Little Gas 1715</td>
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<tr>
<td>Slate (dark, soft)</td>
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<td>472</td>
<td>485</td>
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<td>Little Gas at 2437'</td>
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<tr>
<td>Pitts. Coal</td>
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<td>494</td>
<td>502</td>
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<td>Gas at 2478'</td>
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<tr>
<td>Big Dunkard (hard) (light)</td>
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<td>992</td>
<td>1025</td>
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<td>Gas at 2534'</td>
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<td>Gas Sand (dark, hard)</td>
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<td>1142</td>
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<td>Slate</td>
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<td>1540</td>
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<td>Maxen Sand (hard)</td>
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<td>1578</td>
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<td>Big Lime (light)</td>
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<td>Big Injun (light, hard)</td>
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<td>1885</td>
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<td>Lime &amp; Shells (dark, hard)</td>
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<td>2368</td>
<td>2395</td>
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<td>Gordon Stray (hard)</td>
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<td>Gordon</td>
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<td>2492</td>
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<td>Fourth Sand (hard)</td>
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<td>Fifth Sand (do)</td>
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<td>2577</td>
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<td>Slate (soft)</td>
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<td>Total Depth</td>
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</tbody>
</table>

**10" Casing Pulled**

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(Over)