Redrilled for Storage

Degree of accuracy

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

WELL LOCATION MAP
FILE NO. MAS-425-P-P

+ 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.
**Well Record**

**State of West Virginia**  
**Department of Mines**  
**Oil and Gas Division**

**Quadracont**: Littleton  
**Permit No.**: MARB-190-R

**Company**: The Mrs. Lt. and Lt. Co.  
**Address**: 800 Union Trust Bldg., Pittsburgh 19, Pa.

**Farm**: Bert Mason  
**Acres**: 10

**Location (water)**:  
**Well No.**: 47/48  
**Elev.**: 1466.5

**District**: Meade  
**County**: Marshall

The surface of tract is owned in fee by:

**Address**:  
**Mineral rights are owned by**:  
**Address**:  
**Drilling commenced**: May 16, 1963  
**Drilling completed**: August 12, 1963

**Date Shot**: 8/12/63  
**From**: Marton Sand  
**With**: Orifice Gas Well Tester

**Open Flow**: 0 /10ths Water in.  
**/10ths Merc. in.**: 1/4

**Volume**: None  
**On Pt. Rock Pressure**: None  
**lb.**: 0  
**hrs.**: 24  
**Oil**: None, 1st 24 hrs.

**Fresh water**: feet  
**Salt water**: feet

**Casing and Tubing**  
**Used in Drilling**: 16  
**Left in Well**: 91'  
**Packer**: Kind of Packer:

<table>
<thead>
<tr>
<th>Size</th>
<th>Kind of Packer</th>
<th>Depth Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>3/8”</td>
<td>91’</td>
</tr>
<tr>
<td>12</td>
<td>3/4”</td>
<td>140’</td>
</tr>
<tr>
<td>2</td>
<td>7”</td>
<td>1900’</td>
</tr>
</tbody>
</table>

**Casing Cemented**:  
**Size**: No. Fl.  
**Date**:  
**Coal was Encountered At**: 930 Feet

<table>
<thead>
<tr>
<th>Formation</th>
<th>Color</th>
<th>Thickness</th>
<th>Top</th>
<th>Bottom</th>
<th>Oil, Gas or Water</th>
<th>Depth Found</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pittsburgh Coal</td>
<td>7</td>
<td>930</td>
<td>937</td>
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<tr>
<td>Murphy Sand</td>
<td>10</td>
<td>1040</td>
<td>1050</td>
<td></td>
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</tr>
<tr>
<td>Big Dunkard Sand</td>
<td>77</td>
<td>1413</td>
<td>1490</td>
<td></td>
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<td></td>
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<tr>
<td>Third Salt Sand</td>
<td>48</td>
<td>1802</td>
<td>1850</td>
<td></td>
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<tr>
<td>Marton Sand</td>
<td>32</td>
<td>1928</td>
<td>1960</td>
<td></td>
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<tr>
<td>Big Lime</td>
<td>53</td>
<td>2046</td>
<td>2099</td>
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<tr>
<td>Big Injus Sand</td>
<td>53</td>
<td>2102</td>
<td>2096</td>
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<tr>
<td>Total Depth</td>
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<td></td>
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</tbody>
</table>

7” Casing Set at 2046’

Old 7” Ceg.  
New 7” Ceg.  

**Depth Found**

<table>
<thead>
<tr>
<th>Old 7” Ceg.</th>
<th>New 7” Ceg.</th>
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</thead>
<tbody>
<tr>
<td>2004</td>
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</tr>
<tr>
<td>1146</td>
<td>1146</td>
</tr>
<tr>
<td>933</td>
<td>933</td>
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</tbody>
</table>

**Received**  
**Dept. of Mines**  
07/12/63  
**Date**: 930 216