West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-51-00301P
WELL NO.: SGW60

FARM NAME: Wiley Caldwell

RESPONSIBLE PARTY NAME: ______________________

COUNTY: Marshall
DISTRICT: Sandhill

QUADRANGLE: Valley Grove 7.5"

SURFACE OWNER: James M. Weeks Sr. & Suzanne Quinn

ROYALTY OWNER: ______________________

UTM GPS NORTHING: 4428418.5m

UTM GPS EASTING: 540607.5m
GPS ELEVATION: 1119.3'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:
   Survey grade GPS: Post Processed Differential
   Real-Time Differential
   Mapping Grade GPS: Post Processed Differential
   Real-Time Differential

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Signature ____________________________

#2002 Professional Surveyor
Title

May 23, 2003

Date
Company: Manufacturers Ltd. 4411

Farm: Wiley Colburn #1 (4383)

15' Quad (sec.): Wiley Grove

7.5' Quad: Wiley Grove

District: Sand Hill

Topo Location

7.5' Loc. ______ 15' Loc. ______ (calc.) ______

WELL LOCATION PLAT

County: 051 Permit: 301
**WELL RECORD**

<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&quot;</td>
<td>128'11&quot;</td>
<td>128'11&quot;</td>
<td>Kind of Packer</td>
</tr>
<tr>
<td>13&quot;</td>
<td>656'13&quot;</td>
<td>656'13&quot;</td>
<td>Size of</td>
</tr>
<tr>
<td>8&quot;</td>
<td>638'1</td>
<td>992'</td>
<td>Depth set</td>
</tr>
<tr>
<td>6&quot;</td>
<td>1372'111&quot;</td>
<td>1372'111&quot;</td>
<td>Perf. top</td>
</tr>
<tr>
<td>5.5/16&quot;</td>
<td>1372'111&quot;</td>
<td></td>
<td>Perf. bottom</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td>Perf. top</td>
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<td>Perf. bottom</td>
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</tbody>
</table>

**CASING CEMENTED**

- **SIZE**: No. Ft.
- **DATE**: 

**COAL WAS ENCOUNTERED AT**

- **FEET**: INCHES
- **Feet**: INCHES
- **Feet**: INCHES

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**Formation** | **Color** | **Hard or Soft** | **Thickness** | **Top** | **Bottom** | **Oil, Gas or Water** | **Depth Found** | **Remarks** |
<table>
<thead>
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</thead>
<tbody>
<tr>
<td>SCHLUMBERGER GAAMA RAY SURVEY</td>
<td></td>
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</tr>
<tr>
<td>Pittsburgh Coal</td>
<td>6</td>
<td></td>
<td>628</td>
<td>631'</td>
<td>671'</td>
<td></td>
<td></td>
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<tr>
<td>Lime</td>
<td>9</td>
<td></td>
<td>665</td>
<td>671'</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1st. Salt Sand</td>
<td>3</td>
<td></td>
<td>1380</td>
<td>1171'</td>
<td></td>
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</tr>
<tr>
<td>Cleaned Out to 152' and Plugged back to 1171' with a cement plug</td>
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<tr>
<td>TOTAL DEPTH</td>
<td></td>
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<td></td>
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<td>1171'</td>
</tr>
</tbody>
</table>

- **OBSERVATIONS**

- Resounded on 6, 7, Oct. 1652-1-1652-5
- Elevation: 1120.4' (Ground Level)
- Depth Datum: Derrick Floor 2' above ground level.
- 13 3/8" (182 H-10) Csg. Pt. = 128'11"
- Cemented with 135 bags 2/26/57
- 10 3/4" (3275 H-10) Csg. Pt. 656'13"
- Cemented with 175 bags 5/8/57
- 8 5/6" (214 H-55) Csg. - 688' Screwed on and Cemented with 100 bags 5/21/57
- Bottom of original 6" - 999' (Schlumberger)
- 52" (175 H-55) Csg. Pt. 1372'111"
- Cemented with 250 bags 6/19-57
- 1380' of 7" casing left in hole from 1290' to 1029'. This section was perforated with 10 shots, 3 shots @ 21 bs., from 1380' to 1171' in the First Salt Sand.
- The well made 11 gal. of water per hour and filled up 1100' in 72 hours. Some gas apparent but not measurable.