### WELL RECORD

**WELL OPERATOR:** Amoco Production Company  
**TELEPHONE NO.:** (616) 967-1100  
**ZIP:** 49684

**FARM NAME:** West Shanksville Fluid Disposal Facility  
**SCH. NO.:** Not specified  
**ACRES:** Not specified  

**TOWNSHIP:** Stony Creek  
**COUNTY:** St. Joseph

**DRILLING COMPLETED:** 5-20-81  
**ELEVATION:** 2286'  
**QUADRANGLE:** Stuckytown

**CASING AND TUBING RECORD**

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>AMOUNT IN WELL</th>
<th>MATERIAL BEHIND PIPE</th>
<th>PACKER</th>
<th>DATE RUN</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-5/8&quot;</td>
<td>1212'</td>
<td>450 sx</td>
<td></td>
<td>6/22/77</td>
</tr>
<tr>
<td>5-1/2&quot;</td>
<td>3044'</td>
<td>200 sx</td>
<td></td>
<td>7/30/77</td>
</tr>
<tr>
<td>13-3/8&quot;</td>
<td>40'</td>
<td>100 sx</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-7/8&quot;</td>
<td>8628'</td>
<td></td>
<td></td>
<td>2/23/81</td>
</tr>
</tbody>
</table>

**PERFORATION RECORD**

<table>
<thead>
<tr>
<th>DATE</th>
<th>INTERVAL PERFORATED FROM</th>
<th>INTERVAL PERFORATED TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/12/80</td>
<td>8825'</td>
<td>9000'</td>
</tr>
</tbody>
</table>

**STIMULATION RECORD**

<table>
<thead>
<tr>
<th>DATE</th>
<th>INTERVAL TREATED</th>
<th>AMOUNT TREATED</th>
<th>AMOUNT SAND</th>
<th>INJECTION RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/13/80</td>
<td>8825'</td>
<td>9000'</td>
<td>5,500</td>
<td>7601/min</td>
</tr>
</tbody>
</table>

**NATURAL OPEN FLOW**

<table>
<thead>
<tr>
<th>NATURAL ROCK PRESSURE</th>
<th>HRS. DAYS</th>
</tr>
</thead>
</table>

**AFTER TREATMENT OPEN FLOW**

<table>
<thead>
<tr>
<th>AFTER TREATMENT ROCK PRESSURE</th>
<th>HRS. DAYS</th>
</tr>
</thead>
</table>

**REMARKS:** The Carl E. Grant "A" #1 was plugged and abandoned on 9/9/77. The well was then converted to a salt water disposal well. Drilled out cement plug at 4/60-4310'. Continued drilling to a total depth of 9009'. All previous perforations squeezed and cement runners drilled out.

---

**Signature:** [Handwritten signature]  
**Date:** 12-24-81

---

*Note: The form is designed to capture specific data regarding well operations, including operator details, well characteristics, and stimulation records.*
<table>
<thead>
<tr>
<th>FORMATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NAME</strong></td>
</tr>
<tr>
<td>Water</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Shale</td>
</tr>
<tr>
<td>Red Sandy Shale</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Red Sandy</td>
</tr>
<tr>
<td>Shale</td>
</tr>
<tr>
<td>Red Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
</tr>
<tr>
<td>Shale Gas Show</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
</tr>
<tr>
<td>Red Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand - Hard</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
<tr>
<td>Sand</td>
</tr>
<tr>
<td>Sandy Shale</td>
</tr>
</tbody>
</table>

(Continued)
<table>
<thead>
<tr>
<th>Formations</th>
<th>M.D.</th>
<th>B.H.</th>
<th>Sub.</th>
<th>Date of Dat.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand</td>
<td>5030</td>
<td>5110</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>5110</td>
<td>5140</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>5140</td>
<td>5185</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>5185</td>
<td>5276</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>5276</td>
<td>5622</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>5622</td>
<td>5900</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>5900</td>
<td>6190</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6190</td>
<td>6590</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>6590</td>
<td>6600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>6600</td>
<td>6620</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale, Sand</td>
<td>6620</td>
<td>6664</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6664</td>
<td>6825</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6825</td>
<td>6935</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>6935</td>
<td>7030</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>7030</td>
<td>7199</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>7199</td>
<td>7360</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>7360</td>
<td>8600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marcellous Shale</td>
<td>8600</td>
<td>8734</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oronduce</td>
<td>8734</td>
<td>8760</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>8760</td>
<td>8836</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>8836</td>
<td>8960</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand Shale</td>
<td>8960</td>
<td>9056</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limestone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Well Record**

- **Well Operator:** Amoco Production Company
- **Address:** 10850 Traverse Hwy., Traverse City, MI
- **ZIP:** 49684
- **FARM NAME:** Carl E. Brant & Unit A
- **TOWNSHIP:** Stony Creek
- **COUNTY:** Somerset
- **DRILLING COMPLETED:** 6/14/77
- **ELEVATION:** 2286
- **QUADRANGLE:** (Stoystown)

### Casing and Tubing Record

<table>
<thead>
<tr>
<th>Pipe Size (in)</th>
<th>Amt. In Well</th>
<th>Material Behind Pipe</th>
<th>Cement (Sks.)</th>
<th>Date Run</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-5/8&quot;</td>
<td>1512</td>
<td>450 sx</td>
<td>6/22/77</td>
<td></td>
</tr>
<tr>
<td>5-1/2&quot;</td>
<td>9044</td>
<td>200 sx</td>
<td>7/30/77</td>
<td></td>
</tr>
<tr>
<td>13-3/8&quot;</td>
<td>40</td>
<td>100 sx</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Perforation Record

<table>
<thead>
<tr>
<th>Date</th>
<th>Interval Perforated From</th>
<th>To</th>
<th>Date</th>
<th>Interval Treated From</th>
<th>To</th>
<th>Amt. Fluid</th>
<th>Amt. Sand</th>
<th>Injection Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/15/77</td>
<td>8898</td>
<td>8938</td>
<td>8/15/77</td>
<td>8898-8938</td>
<td>2000 gal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8/22/77</td>
<td>8758</td>
<td>8780</td>
<td>8/22/77</td>
<td>8758-8780</td>
<td>1000 gal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/6/77</td>
<td>4614</td>
<td>4624</td>
<td>9/6/77</td>
<td>4624-4640</td>
<td>200 gal</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Stimulation Record

<table>
<thead>
<tr>
<th>Date</th>
<th>Interval Treated From</th>
<th>To</th>
<th>Amt. Fluid</th>
<th>Amt. Sand</th>
<th>Injection Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/15/77</td>
<td>8898-8938</td>
<td>2000 gal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8/22/77</td>
<td>8758-8780</td>
<td>1000 gal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/6/77</td>
<td>4624-4640</td>
<td>200 gal</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Natural Open Flow:**

- **Remarks:** After Treatment: 925
- **Well Pressure:** 925 BPM
- **Remarks:** Well was plugged and abandoned 9/8/77

**Drilled in with mud, unable to measure open flow.**

---

**Natural Rock Pressure:**

- **Remarks:** After Treatment Zero MCFD
- **Well Pressure:** 925 BPM
- **Remarks:** Natural rock pressure unknown, drilled in with mud

---

**Interval:** 8898 - 8938
- **Rock Pressure:** 40# NOV 1 1977
- **AOP Zero:** After Treatment
- **PA, GEOL. SU., W.Z.: Oil & Gas Division**

---

**Interval:** 8758 - 8780
- **Rock Pressure:** 925#
- **AOP Zero:** After Treatment

---

**Interval:** 4614 - 4640
- **Rock Pressure:** After Treatment Zero #
- **AOP Zero:** After Stimulation

---

**Note:** Pressures given above are instant shot in 11/15/77 **after stimulation.**
<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
<th>Gas At</th>
<th>Oil At</th>
<th>WAKE At (Fresh or Salt Water)</th>
<th>Source of Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand &amp; Shale</td>
<td>0</td>
<td>92</td>
<td></td>
<td></td>
<td>92</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>92</td>
<td>1600</td>
<td></td>
<td></td>
<td>1600</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1600</td>
<td>1640</td>
<td></td>
<td></td>
<td>1640</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1640</td>
<td>1685</td>
<td></td>
<td></td>
<td>1685</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1685</td>
<td>1700</td>
<td></td>
<td></td>
<td>1700</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1700</td>
<td>1720</td>
<td></td>
<td></td>
<td>1720</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1720</td>
<td>1740</td>
<td></td>
<td></td>
<td>1740</td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>1740</td>
<td>1765</td>
<td></td>
<td></td>
<td>1765</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1765</td>
<td>1780</td>
<td></td>
<td></td>
<td>1780</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1780</td>
<td>1820</td>
<td></td>
<td></td>
<td>1820</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1820</td>
<td>1830</td>
<td></td>
<td></td>
<td>1830</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1830</td>
<td>1875</td>
<td></td>
<td></td>
<td>1875</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1875</td>
<td>1905</td>
<td></td>
<td></td>
<td>1905</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1905</td>
<td>1935</td>
<td></td>
<td></td>
<td>1935</td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>1935</td>
<td>1950</td>
<td></td>
<td></td>
<td>1950</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1970</td>
<td>2200</td>
<td></td>
<td></td>
<td>2200</td>
<td></td>
</tr>
<tr>
<td>Red Sandy</td>
<td>2200</td>
<td>2225</td>
<td></td>
<td></td>
<td>2225</td>
<td></td>
</tr>
<tr>
<td>Red Sandy Shale</td>
<td>2225</td>
<td>2495</td>
<td></td>
<td></td>
<td>2495</td>
<td></td>
</tr>
<tr>
<td>Red Sandy Shale</td>
<td>2495</td>
<td>2570</td>
<td></td>
<td></td>
<td>2570</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>2570</td>
<td>2649</td>
<td></td>
<td></td>
<td>2649</td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>2649</td>
<td>2665</td>
<td></td>
<td></td>
<td>2665</td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>2665</td>
<td>2780</td>
<td></td>
<td></td>
<td>2780</td>
<td></td>
</tr>
<tr>
<td>Shale Gas Show</td>
<td>2780</td>
<td>2790</td>
<td></td>
<td></td>
<td>2790</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>2790</td>
<td>2800</td>
<td></td>
<td></td>
<td>2800</td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>2800</td>
<td>3000</td>
<td></td>
<td></td>
<td>3000</td>
<td></td>
</tr>
<tr>
<td>Red Sandy Shale</td>
<td>3000</td>
<td>3120</td>
<td></td>
<td></td>
<td>3120</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3120</td>
<td>3280</td>
<td></td>
<td></td>
<td>3280</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3280</td>
<td>3310</td>
<td></td>
<td></td>
<td>3310</td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>3310</td>
<td>3420</td>
<td></td>
<td></td>
<td>3420</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3420</td>
<td>3425</td>
<td></td>
<td></td>
<td>3425</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3425</td>
<td>3470</td>
<td></td>
<td></td>
<td>3470</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3470</td>
<td>3520</td>
<td></td>
<td></td>
<td>3520</td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>3520</td>
<td>3535</td>
<td></td>
<td></td>
<td>3535</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3535</td>
<td>3590</td>
<td></td>
<td></td>
<td>3590</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3590</td>
<td>3630</td>
<td></td>
<td></td>
<td>3630</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3630</td>
<td>3645</td>
<td></td>
<td></td>
<td>3645</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3645</td>
<td>3715</td>
<td></td>
<td></td>
<td>3715</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3715</td>
<td>3755</td>
<td></td>
<td></td>
<td>3755</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3755</td>
<td>3900</td>
<td></td>
<td></td>
<td>3900</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3900</td>
<td>3935</td>
<td></td>
<td></td>
<td>3935</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3935</td>
<td>3950</td>
<td></td>
<td></td>
<td>3950</td>
<td></td>
</tr>
<tr>
<td>Sand - Hard</td>
<td>3950</td>
<td>3985</td>
<td></td>
<td></td>
<td>3985</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3985</td>
<td>4375</td>
<td></td>
<td></td>
<td>4375</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4375</td>
<td>4495</td>
<td></td>
<td></td>
<td>4495</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>4495</td>
<td>4500</td>
<td></td>
<td></td>
<td>4500</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4500</td>
<td>4595</td>
<td></td>
<td></td>
<td>4595</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>4595</td>
<td>4620</td>
<td></td>
<td></td>
<td>4620</td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>4620</td>
<td>4785</td>
<td></td>
<td></td>
<td>4785</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4785</td>
<td>4815</td>
<td></td>
<td></td>
<td>4815</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>4815</td>
<td>4890</td>
<td></td>
<td></td>
<td>4890</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4890</td>
<td>5030</td>
<td></td>
<td></td>
<td>5030</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>5030</td>
<td>5110</td>
<td></td>
<td></td>
<td>5110</td>
<td></td>
</tr>
</tbody>
</table>

Continued ---

Date October 24, 1977

Approved Amoco Production Company Operator

By J. E. York, Title Area Superintendent
<table>
<thead>
<tr>
<th>Name</th>
<th>Top At</th>
<th>Bottom At</th>
<th>Oil At</th>
<th>Water At</th>
<th>Source of Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandy Shale</td>
<td>5110</td>
<td>5140</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>5140</td>
<td>5185</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>5185</td>
<td>5276</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>5276</td>
<td>5622</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>5622</td>
<td>5900</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>5900</td>
<td>6190</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6190</td>
<td>6380</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>6380</td>
<td>6400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>6400</td>
<td>6520</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale, Sand</td>
<td>6520</td>
<td>6664</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6664</td>
<td>6825</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6825</td>
<td>6835</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>6835</td>
<td>7090</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>7090</td>
<td>7199</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>7199</td>
<td>7360</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>7360</td>
<td>8600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marcellous Shale</td>
<td>8600</td>
<td>8734</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Onondago</td>
<td>8734</td>
<td>8760</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>8760</td>
<td>8836</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>8836</td>
<td>8900</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand Shale</td>
<td>8900</td>
<td>9056</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date: October 24, 1977

Approved: Amoco Production Company Operator

By: J.E. York, Title Area Superintendent
## WELL RECORD

### WELL OPERATOR

ADDRESS

FARM NAME:  

SERIAL NO.:  

ACRES:

TOWNSHIP:  

COUNTY:  

DRILLING

COMPLETED

FORMATION

QUADRANGLE

### Casing and Tubing Record

<table>
<thead>
<tr>
<th>Pipe Size</th>
<th>Ant. In Wall</th>
<th>Material Behind Pipe</th>
<th>Cement (Sks.)</th>
<th>Cal. (Sks.)</th>
<th>Packers Type</th>
<th>Packers Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Perforation Record

| Date | Interval Perforated
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>From</td>
</tr>
<tr>
<td></td>
<td>To</td>
</tr>
</tbody>
</table>

### Stimulation Record

| Date | Interval Treated
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fluid</td>
</tr>
<tr>
<td></td>
<td>Sand</td>
</tr>
</tbody>
</table>

### Natural Open Flow:

<table>
<thead>
<tr>
<th>Natural Rock Press.:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

### After Treatment Open Flow:

<table>
<thead>
<tr>
<th>After Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rock Press.:</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

### REMARKS:

Formation on Reverse Side
**INFORMATION REPORT**

**DEP Office:** ARMSTRONG PROFESSIONAL CTR.
**Address:** 8205 RT. 819
GREGGSBURG, PA 15601

**Oper Name:** COTTONWOOD OPR.
**Address:** 388 HARRIS HILL RD. (SWF 112)
WILLIAMSVILLE, NY 14221

**County:** SOMERSET

**Inspection Code:**
- [ ] BDREL - Bond Release
- [ ] DRALT - Drilling or Alteration
- [ ] FLWUP - Follow-up
- [ ] COMPL - Complaint Inspection
- [ ] PLUG - Plugging
- [ ] RDSPR - Road Spreading
- [ ] RESTR - Site Restoration
- [ ] RTNC - Routine

**Location:**
- [ ] Site ID Sign
- [ ] Well Tag
- [ ] Distance Restrict
- [ ] E/S Plan on Site
- [ ] E/S Controls
- [ ] Encroachments
- [ ] Site Restoration

**Drilling-Plugging:**
- [ ] Notification
- [ ] B.O.P.
- [ ] Casing
- [ ] Monument

**Waste-Mgmt.:**
- [ ] Top Hole Water
- [ ] Plugs Mgmt.
- [ ] Impoundment/pl.
- [ ] Pollution Prevent
- [ ] Residual Waste

**Compliance Assistance:**
- [ ] Code
- [ ] Code
- [ ] Code
- [ ] Code
- [ ] Code

**Remarks:**
NO PUMPS OPERATING. NO WASTES.
TANKS & EQUIPMENT AS NORMAL.
10 SIGN ON WELLSDG. G/F OK.

**RECEIVED:** OCT-03-2013

**Sample No.:**

**Location / Description:**

**DEP Rep.:**

**Date:** 9-18-13

**Time:**

**File Status:**
- [ ] White - Regional File
- [ ] Yellow - Operator
- [ ] Pink - Inspector
- [ ] Goldenrod - Company File
**SURFACE ACTIVITIES INSPECTION REPORT**

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>Greensburg District Office</th>
<th>Permit or Reg. #</th>
<th>111-20059</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>8205 Route 819</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Greensburg PA 15601</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oper. Name</td>
<td>Cottonwood Operating</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>338 Harris Hill Road</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Williamson, NY 14221</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsible Official/Phone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latitude</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Longitude</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inspection Code:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Permit or Reg. #</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stream Class/Watershed:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Permits/Auth:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Phase:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Type:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O&amp;G General</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site ID Sign:</td>
<td>3211(g)OGA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drilling Permit on site:</td>
<td>3211(a)OGA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Labeling:</td>
<td>3211(h)OGA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Mgmt. Plan:</td>
<td>3211(m)OGA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Location Restr.</td>
<td>3215(a)OGA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Location Restr.</td>
<td>3215(a)OGA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floodplain Restrictions:</td>
<td>3215(f)OGA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comission Control Req.:</td>
<td>3218.4(a)OGA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Preoperational inspect:</td>
<td>3258(a1.1)OGA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E&amp;S Plan on-site:</td>
<td>*102.4(b)(6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E&amp;S Plan Adequate:</td>
<td>*102.4(b)(6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimize &amp; E&amp;S</td>
<td>*102.4(b)(1)(d)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ESGC Obtained:</td>
<td>102.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special Protection</td>
<td>*102.4(b)(6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notice of Termination:</td>
<td>*102.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMP's Designed, Imp.</td>
<td>*102.11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temp. Site Stabilization</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restorations:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well site restoration:</td>
<td>3216(a)OGA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well not drilled:</td>
<td>*76.652</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DEP USE ONLY**

**Inspection Record #**

**Complaint Record #**

**Enforcement Record #**

**Commonwealth of Pennsylvania**

**Department of Environmental Protection**

**Bureau of Oil and Gas Management**

---

**Compliance Assistance**

- Code: NOVIO
- Code: Attached
- Signature: 

**Date Inspected**

**Date Mailed or Delivered**
Remarks: Disposal well. Tanks and equipment as normal. Id sign and e&s ok.

RECEIVED
FEB 06 2014
DEP SWPD
OIL & GSS

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Location/Description:</th>
<th>DEP Representative:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Michael Morgart</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(last name)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professional Geologist</td>
</tr>
</tbody>
</table>

Date of Inspection: 1/14/2014
Time:              
Phone: 724-925-5435 
Cell:              

- 2 -
## SURFACE ACTIVITIES INSPECTION REPORT

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>Greensburg District Office</th>
<th>Permit or Reg. #</th>
<th>111-20059</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>3205 Route 819</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greensburg PA</td>
<td>15601</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oper. Name</td>
<td>Cottonwood Operating</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>336 Harris Hill Road</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Williamsville, NY</td>
<td>14221</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsible</td>
<td>DEP SWOG Oil &amp; Gas</td>
<td>Latitude:</td>
<td></td>
</tr>
<tr>
<td>Official/Phone</td>
<td></td>
<td>Longitude:</td>
<td></td>
</tr>
<tr>
<td>Other Info</td>
<td></td>
<td>Ratio:</td>
<td></td>
</tr>
<tr>
<td>Inspection Code:</td>
<td></td>
<td>Facility:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Facility Type:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Permit/Type:</td>
<td></td>
</tr>
<tr>
<td>Site Phase</td>
<td></td>
<td>Stream Class/Type</td>
<td></td>
</tr>
<tr>
<td>Well Type</td>
<td></td>
<td>Conversion:</td>
<td></td>
</tr>
<tr>
<td>Site ID Sign</td>
<td></td>
<td>O &amp; G General</td>
<td></td>
</tr>
<tr>
<td>Drilling Permit</td>
<td></td>
<td>Section I R V</td>
<td></td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Restorations (cont'd)</td>
<td></td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Well Stabilization</td>
<td></td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Spill/Release</td>
<td></td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Poluitional discharge</td>
<td>401CSL</td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Poluitional discharge</td>
<td></td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Pit lining, contain, 2 ft</td>
<td></td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Discharge Req.</td>
<td></td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Disposal of drill cuttings</td>
<td></td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Disposal of residual wastes/sampling</td>
<td></td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Land Farming</td>
<td></td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Conventional</td>
<td></td>
</tr>
<tr>
<td>Well Location</td>
<td></td>
<td>Unconventional</td>
<td></td>
</tr>
<tr>
<td>E&amp;S Plan On-site</td>
<td></td>
<td>Encroachments</td>
<td></td>
</tr>
<tr>
<td>E&amp;S Plan Adequate</td>
<td></td>
<td>Permits Obtained</td>
<td></td>
</tr>
<tr>
<td>ESGC Obtained</td>
<td></td>
<td>Copy of Permit on-site construction</td>
<td></td>
</tr>
<tr>
<td>Special Protection</td>
<td></td>
<td>Operate or Maintain Project</td>
<td></td>
</tr>
<tr>
<td>Notice of Termination</td>
<td></td>
<td>E&amp;S/Measurments in</td>
<td></td>
</tr>
<tr>
<td>BMP's Designed, hp.</td>
<td></td>
<td>Work Performed to Specifications</td>
<td></td>
</tr>
<tr>
<td>Temp. Site Stabilization</td>
<td></td>
<td>Pipeline Installed 25 ft BMP's abandoned</td>
<td></td>
</tr>
<tr>
<td>Restorations</td>
<td></td>
<td>Well site restoration</td>
<td></td>
</tr>
<tr>
<td>Well not drilled</td>
<td></td>
<td>Well site restoration</td>
<td></td>
</tr>
</tbody>
</table>

### Compliance Assistance
- Code
- Code
- Inspection Results
- Code NOVIO
- Photos Attached
- Signature
- Date Inspected
- Date Mailed or Delivered

---

*Code of 6 - OGA Oil & Gas Act - SWMA Solid Waste Management Act - CSL Clean Streams Law*
Remarks: Disposal well. Tanks and equipment as normal. Id sign and e&s ok.
**INSPECTION REPORT**

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>Armorust Professional CTR.</th>
<th>Phone</th>
<th>Permit or Reg. #</th>
<th>111-20059</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>8285 Rt 819</td>
<td></td>
<td>Project #</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Greensburg, PA 15601</td>
<td></td>
<td>Farm Name &amp; Well #</td>
<td>B. R. N. S. D. W.</td>
</tr>
<tr>
<td>Oper Name</td>
<td>Cottonwood Oper.</td>
<td></td>
<td>County</td>
<td>Somerset</td>
</tr>
<tr>
<td>Address</td>
<td>338 Harris Hill Rd. (102)</td>
<td></td>
<td>Municipality</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Williamsfield, NY 14221</td>
<td></td>
<td>Latitude:</td>
<td>0 W</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Longitude:</td>
<td>0 N</td>
</tr>
</tbody>
</table>

**Inspection Code:**
- BDREL - Bond Release
- CEI - Compliance Evaluation
- COMPL - Complaint Inspection
- DRALT - Drilling or Alteration
- FLOWUP - Follow-up
- PLUG - Plugging
- RDSPR - Road Spreading
- RESTR - Site Restoration
- RTNC - Routine

**Location/Inspection/Violation**

- Site ID Sign
- Well Tag
- Distance Restrict
- E/S Plan on Site
- E/S Controls
- Encroachments
- Site Restoration

**Driller's Log Information**

- Fresh Water Amt / Depth
- Salt Water Amt / Depth
- Coal Thickness / Depth
- Formations Oil / Depth Gas / Depth

**Drilling/Plugging**

- Notification
- B.O.P.
- Casing
- Monument

**Waste Mgmt.**

- Top Hole Water
- Fluids Mgmt
- Impoundment/pt
- Pollution Prevent
- Residual Waste

**Compliance Assistance Code**

**Casing & Tubing**

- Filling Material & Plugs
- From
- To
- Size
- Pulled
- Left

**Remarks:**

Disposal well inspection facility as normal. TANKS & CES O.K. ID sign on well head. NO PUMP RUNNING.

**Sample No.**

<table>
<thead>
<tr>
<th>Location / Description</th>
<th>DEP Rep:</th>
<th>Date: 6-20-13</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Michael</td>
<td></td>
</tr>
</tbody>
</table>

**Files:**

- White - Regional File
- Yellow - Operator
- Pink - Inspector
- Goldenrod - Company File
**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**OIL AND GAS MANAGEMENT PROGRAM**

**INSPECTION REPORT**

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>ARMORTH PROFESSIONAL CTR.</th>
<th>Permit or Reg. #</th>
<th>11-20059</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>8205 RT-619</td>
<td>Project #</td>
<td></td>
</tr>
<tr>
<td>Oper Name</td>
<td>COTTONWOOD OPERATING</td>
<td>Farm Name &amp; Well #</td>
<td>BRANT #1 SWD.</td>
</tr>
<tr>
<td>Address</td>
<td>238 HARIS HILL RD. (SUITE102)</td>
<td>County</td>
<td>SOMERSET</td>
</tr>
<tr>
<td>Latitude</td>
<td></td>
<td>Municipality</td>
<td></td>
</tr>
<tr>
<td>Longitude</td>
<td></td>
<td></td>
<td>&quot;W&quot;</td>
</tr>
</tbody>
</table>

**Inspection Code:**  
- [ ] BDREL - Bond Release  
- [ ] CEI - Compliance Evaluation  
- [ ] DRALT - Drilling or Alteration  
- [ ] FLWUP - Follow-up  
- [ ] COMPL - Complaint Inspection  
- [ ] PLUG - Plugging  
- [ ] RDSPR - Road Spreading  
- [ ] RESTR - Site Restoration  
- [ ] RTNC - Routine

**Other:**  
- [ ] Permit Expired  
- [ ] Alt/Meth.  
- [ ] Annulus Open  
- [ ] Cement Returns  
- [ ] Recommend Bond Release

<table>
<thead>
<tr>
<th>Location</th>
<th>Inspect.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
<th>Formations</th>
<th>Gas / Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restct</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling-Plugging**  
- [ ] Notification
- [ ] B.O.P.
- [ ] Casing
- [ ] Monument
- [ ] Waste Mgmt.
- [ ] Top Hole Water
- [ ] Fluids Mgmt
- [ ] Impoundment/pit
- [ ] Pollution Prevent
- [ ] Residual Waste

**Compliance Assistance Code:**  
- [ ] Code | Code

**Drilling**  
- [ ] Filling Material & Plugs | From | To | Size | Pulled | Left

**Casing & Tubing**  
- [ ] MAY 01 2013  
- [ ] SOUTHWEST REGION OIL & GAS

**Remarks:**  
ROUTING DISPOSAL WELL INSPECTION.
EXCAVATOR SITTING ON SITE BUT NO EXCAVATION EVIDENT.
MACHINE & EQUIPMENT AS NORMAL.

**Sample No.**  
<table>
<thead>
<tr>
<th>Location / Description</th>
<th>DEP Rep:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MILLER</td>
<td>4-18-13</td>
</tr>
</tbody>
</table>

**Code:** NOVO

☐ White - Regional File  
☐ Yellow - Operator  
☐ Pink - Inspector  
☐ Goldenrod - Company File
## Inspection Report

**DEP Office:** ARMSTRONG PROFESSIONAL GCAH  
**Address:** 8205 RT 819  
**Permit of Reg #:** 111-20059  
**Project #:**  

**Oper Name:** COTTONWOOD OPER.  
**Address:** 338 HARRIS HIL RD.  
**Farm Name & Well #:**  

**County:** SOMERSET  
**Latitude:** °  
**Longitude:** °  

**Inspection Code:**  
- BDREL - Bond Release  
- DRALT - Drilling or Alteration  
- RDSPR - Road Spreading  
- CEI - Compliance Evaluation  
- FLWUP - Follow-up  
- RESTR - Site Restoration  
- COMPL - Complaint Inspection  
- PLUG - Plugging  
- RTNC - Routine  

**Line Location:**  
- Site ID Sign  
- Well Tag  
- Distance Restrict  
- EIS Plan on Site  
- EIS Controls  
- Encroachments  
- Site Restoration  

**Violations:**  

**Driller's Log Information:**  
- Fresh Water Amt / Depth  
- Salt Water Amt / Depth  
- Coal Thickness / Depth  
- Oil / Depth  
- Gas / Depth  

**Casing & Tubing:**  
- Size  
- Pulled  
- Left  

**Drilling / Plugging:**  
- Notification  
- B.O.P.  
- Casing  
- Monument  
- Waste Mgmt.  
- Top Hole Water  
- Fluids Mgmt.  
- Impoundment/Sp  
- Pollution Prevent  
- Residual Waste  

**Compliance Assistance:**  
- Code: ONC  
- Code: NOV 10  

**Remarks:**  
DISPOSAL WELL INSPECTION. JAY MILLER AND CRAW ON SITE. REPLACING PIPING & PREPARING FOR WORK ON WELL HEAD. TANKS & GTS OK. ID SIGN IN PLACE.

### Sample Data

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Location / Description</th>
<th>DEP Rep.</th>
<th>Date: 10-22-12</th>
<th>Time:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

☐ White - Regional File  
☐ Yellow - Operator  
☐ Pink - Inspector  
☐ Goldenrod - Company File  

Page 1 of 1
**COMMONWEALTH OF PENNSYLVANIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**OIL AND GAS MANAGEMENT PROGRAM**

**INSPECTION REPORT**

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>ARMSTRONG PROFESSIONAL CTR.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>5205 RT-5819</td>
</tr>
<tr>
<td>Opera Name</td>
<td>COTTONWOOD OPER CORP.</td>
</tr>
<tr>
<td>Address</td>
<td>338 HARRIS HILL RD. (102)</td>
</tr>
<tr>
<td>County</td>
<td>SOMERSET</td>
</tr>
</tbody>
</table>

**Inspection Code:**
- [ ] BDREL - Bond Release
- [ ] DRALT - Drilling or Alteration
- [ ] COMPL - Complaint Inspection
- [ ] CEI - Compliance Evaluation
- [ ] FLWUP - Follow-up
- [ ] PLUG - Plugging
- [ ] RDSPR - Road Spreading
- [ ] RESTR - Site Restoration
- [ ] RTNC - Routine

**Other:**
- [ ] Permit Expired
- [ ] All/Meth.
- [ ] Annulus Open
- [ ] Cement Returns
- [ ] Recommend Bond Release

<table>
<thead>
<tr>
<th>Location</th>
<th>Ins.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID</td>
<td></td>
<td></td>
<td>Fresh Water</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Amt / Depth</td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td>Salt Water</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Amt / Depth</td>
<td></td>
</tr>
<tr>
<td>Distance Restr</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/G Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling/Plugging**
- [ ] Notification
- [ ] BOP
- [ ] Casing
- [ ] Monument

**Casing & Tubing**
- [ ] Filling Material & Plugs
- [ ] From
- [ ] To
- [ ] Size
- [ ] Pulled
- [ ] Left

**Sampling**
- [ ] Fresh Water
- [ ] Salt Water
- [ ] Coal
- [ ] Thickness
- [ ] Depth
- [ ] Oil
- [ ] Depth Gas
- [ ] Depth

**Remarks:**

**DISPOSAL WELL INSPECTION.**

**NEW WELL HEAT & TUBING TO PUMPHOUSE.**

**TANKS AS NORMAL. NO PUMPS RUNNING.**

**SITE SNOW COVERED BUT NO APPARENT PROBLEMS.**

**Date:** 12-28-12

**Time:**

**Signatures:**
- DEP Rep.:
- Inspector:

**Page 1 of 1**
### Inspection Report

**Commonwealth of Pennsylvania**
**Department of Environmental Protection**
**Oil and Gas Management Program**

**Inspection Report**

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>Permits or Reg. #</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARMOR BURST PROFESSIONAL CT</td>
<td>11-20059</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>8205 RT 819</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oper Name</th>
<th>Form Name &amp; Well #</th>
</tr>
</thead>
<tbody>
<tr>
<td>COTTONWOOD OIL CORP.</td>
<td>ERANT S.W.D.W.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Address</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>338 HARRIS HILL RD. (12)</td>
<td>SOMERSET</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>0° 40'</td>
<td>7° 43'</td>
</tr>
</tbody>
</table>

**Inspection Code**
- [ ] BDREL - Bond Release
- [ ] CEI - Compliance Evaluation
- [ ] COMPL - Complaint Inspection
- [ ] DRALT - Drilling or Alteration
- [ ] FLWUP - Follow-up
- [ ] PLUG - Plugging

**Other**
- [ ] Permit Expired
- [ ] All Math.
- [ ] Annulus Open
- [ ] Cement Returns
- [ ] Recommend Bond Release

<table>
<thead>
<tr>
<th>Location</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>Fresh Water</td>
<td>Salt Water</td>
<td>Coal</td>
</tr>
<tr>
<td>Well Tag</td>
<td>Amt / Depth</td>
<td>Amt / Depth</td>
<td>Thickness / Depth</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Insplt</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>Fresh Water</td>
<td>Salt Water</td>
<td>Coal</td>
<td>Formations</td>
</tr>
<tr>
<td>Well Tag</td>
<td>Amt / Depth</td>
<td>Amt / Depth</td>
<td>Thickness / Depth</td>
<td>Oil / Depth</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drilling/Plugging</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notification</td>
<td>Filling Material &amp; Plugs</td>
</tr>
<tr>
<td>B.O.P.</td>
<td>From</td>
</tr>
<tr>
<td>Casing</td>
<td>Size</td>
</tr>
<tr>
<td>Monument</td>
<td></td>
</tr>
</tbody>
</table>

**Waste Mgmt.**
- Top Hole Water
- Fluids Mgmt.
- Impoundment/pit
- Pollution Prevent
- Residual Waste

<table>
<thead>
<tr>
<th>Compliance Assistance</th>
<th>Code</th>
<th>Code</th>
<th>Inspection Results</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NOKO</td>
</tr>
</tbody>
</table>

**Remarks:**

DISPOSAL WELL INSPECTION: TANKS AND EQUIPMENT AS NORMAL, NO PUMPS OPERATING.
NO ONE ON SITE. TAG & GTS OK.

**Jun 29 2012**

**DER SouthWest Region**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Location / Description</th>
<th>DEP Rep:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>M. R. W.</td>
<td>680-12</td>
</tr>
</tbody>
</table>

**Signature:**

Michael W. Morgan

**Print Name:**

Michael Morgan

**Time:**

Page 1 of 1
### Inspection Report

**DEP Office:** ARMBRUST PROF. CTR  
**Address:** 8205 RT. 819  
**Phone:**  
**Permit or Reg #:** 111-20059  
**Project #:**  
**Farm Name & Well #:** BRANT S.W.O.W.  
**County:** SOMERSET  
**Municipality:** WILLIAMSVILLE, NY  
**Latitude:** 0'00"N  
**Longitude:** 0'00"W  

### Other:
- Permit Expired: No
- All/Meth.: No
- Annulus Open: No
- Cement Returns: No
- Recommend Bond Release: No

### Location

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td></td>
<td></td>
<td>Fresh Water</td>
<td></td>
</tr>
<tr>
<td>Well ID</td>
<td></td>
<td></td>
<td>Salt Water</td>
<td></td>
</tr>
<tr>
<td>Distance Rest.</td>
<td></td>
<td></td>
<td>Coal</td>
<td></td>
</tr>
<tr>
<td>E/S Plan</td>
<td></td>
<td></td>
<td>Coal Th. / Depth</td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
<td>Formations</td>
<td></td>
</tr>
<tr>
<td>E/E Control</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drilling/Plugging</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notification</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.O.P.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monument</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waste Mgmt.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top Hole Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluids Mgmt.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impoundment/pit</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Prevent</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residual Waste</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Casing & Tubing

<table>
<thead>
<tr>
<th>Casing Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Compliance Assistance

<table>
<thead>
<tr>
<th>Compliance Assistance</th>
<th>Code</th>
<th>Code</th>
<th>Inspection Results</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>NOV1-0</td>
<td></td>
</tr>
</tbody>
</table>

### Remarks:

**DISPOSAL WELL INSPECTION.**

NO ONE ON SITE. NO PUMPS OPERATING.

ID SIGN & C/O'S OK. TANKS AS NORMAL.

**DEC 3 2011**

**DEP, SOUTHWEST REGION**

**OIL & GAS**

---

**Sample No.**

<table>
<thead>
<tr>
<th>Location / Description</th>
<th>DEP Rep:</th>
<th>Date:</th>
<th>Time:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>12-19-11</td>
<td></td>
</tr>
</tbody>
</table>

- **White** - Regional File
- **Yellow** - Operator
- **Pink** - Inspector
- **Goldenrod** - Company File
**INSPECTION REPORT**

**DEP Office:** ARMBRUST PROF. CTR.

**Address:** 8205 RT. 819
GREENSBURG, PA 15601

**Oper Name:** COTTONWOOD OPER.

**Address:** 318 HARRIS HILL (102)
WILLIAMSVILLE, NY 14221

**Farm Name & Well #:** ERANT S.W.O.W.

**County:** SOMERSET

**Latitude:** ° ' " N

**Longitude:** ° ' " W

**Inspection Code:**
- [ ] BDREL - Bond Release
- [ ] CEI - Compliance Evaluation
- [ ] COMPL - Complaint Inspection
- [ ] DRALT - Drilling or Alteration
- [ ] FLWUP - Follow-up
- [ ] PLUG - Plugging
- [ ] RDSPR - Road Spreading
- [ ] RESTR - Site Restoration
- [ ] RTNC - Routine

**Location & Inspect:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Driller's Log Information & Depth:**

<table>
<thead>
<tr>
<th>Fresh Water Amt / Depth</th>
<th>Salt Water Amt / Depth</th>
<th>Coal Thickness / Depth</th>
<th>Oil / Depth</th>
<th>Gas / Depth</th>
</tr>
</thead>
</table>

**Drilling / Plugging:**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>Pulled</td>
<td>Left</td>
<td></td>
</tr>
</tbody>
</table>

**Compliance Assistance:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Code</th>
</tr>
</thead>
</table>

**Remarks:**

DISPOSAL WELL INSPECTION.
NO ONE ON SITE. NO PUMPS OPERATING.
ID SIGN & 805 OK. TANKS AS NORMAL.

**DEC 23 2011**

**DEP, SOUTHWEST REGION**

**OIL & GAS**

**Sample No.**

**Location / Description**

**DEP Rep:**

**Date:** 12-19-11

**Time:**

**Proceedings:**

- [ ] White - Regional File
- [ ] Yellow - Operator
- [ ] Pink - Inspector
- [ ] Goldenrod - Company File
## Inspection Report

**DEP Office** | ARMBRUST PROFESSIONAL CORP.  
**Address** | 8205 RT 819.  
**City** | GREEensburg, PA 15601.  
**Oper Name** | COTTONWOOD OPERATING CORP.  
**Address** | 238 HARRIS HILL RD  
**City** | WILLIAMSVILLE, NY 14221.  

**Farm Name & Well #** | BAnt RL 5. W.D.W.  
**County** | SOMERSET  
**Latitude** | 0.14 N  
**Longitude** | 0.14 W  

**Inspection Code:**  
- BDREL - Bond Release  
- CEI - Compliance Evaluation  
- COMPL - Complaint Inspection  
- DRALT - Drilling or Alteration  
- FLWUP - Follow-up  
- PLUG - Plugging  
- RDSPR - Road Spreading  
- RESTR - Site Restoration  
- RTNC - Routine  

**Location** | Inspect | Violation | Driller's Log Information | Depth:  
--- | --- | --- | --- | ---  
**Site # Sign** | | | Fresh Water Amt / Depth |  
**Well Tag** | | | Salt Water Amt / Depth |  
**Distance Restr** | | | Coal Amt / Depth |  
**E/S Plan on Site** | | | Formations |  
**E/S Controls** | | | Oil / Depth |  
**Encroachments** | | | Gas / Depth |  
**Site Restoration** | | |  

**Drilling - Plugging**  
- Filling Material & Plugs | From | To | Size | Pulled | Left | Code | Inspection Results | Code | Nov 10  
- WASTE Mgmt. | | |  
- Top Hole Water | | |  
- Fluids Mgmt. | | |  
- Impoundment Pot | | |  
- Pollution Prevent | | |  
- Residual Waste | | |  

**Compliance Assistance Code:**  
- Inspect |  

**Remarks:**  
**JIM KLINE and I on-site for routine disposal well inspection, tanks & equipment AS NORMAl.  
ID SIGN & G35 OK.**

**MAR 7 2011**

**Sample No.** | **Location / Description** | **DEP/Rep.** | **Date** | **Time**  
--- | --- | --- | --- | ---  
**Sample** | | | 3-3-11 |  
**Signature** | | |  
**Print Name** | | |  

---

**White - Regional File**  
**Yellow - Operator**  
**Pink - Inspector**  
**Goldenrod - Company File**
# WELL RECORD

**WELL OPERATOR**
Amoco Production Company

**TELEPHONE NO.**
(616) 941-1100

**ADDRESS**
P. O. Box 1350, Traverse City, MI

**ZIP**
49684

**FARM NAME**
West Shanksville Fluid Disposal Facility

**FARM NO.**
31

**Serial NO.**

**ACRES**

**TOWNSHIP**
Stoney Creek

**COUNTY**
Sloaslet

**DRILLING COMMENCED**
5-20-81

**DRILLING COMPLETED**
10-25-81

**ELEVATION**
2286'

**QUADRANGLE COORDINATES**
\(7\frac{3}{4}''\) \(15''\)

## CASING AND TUBING RECORD

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>AMOUNT IN WELL</th>
<th>MATERIAL BEHIND PIPE</th>
<th>PACKER</th>
<th>DATE RUN</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-5/8''</td>
<td>1512'</td>
<td>450 ex</td>
<td></td>
<td>6/22/77</td>
</tr>
<tr>
<td>5-1/2''</td>
<td>9044'</td>
<td>200 ex</td>
<td></td>
<td>7/30/77</td>
</tr>
<tr>
<td>13-3/8''</td>
<td>40'</td>
<td>100 ex</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-7/8''</td>
<td>8628'</td>
<td></td>
<td></td>
<td>2/23/81</td>
</tr>
</tbody>
</table>

## PERFORATION RECORD

<table>
<thead>
<tr>
<th>DATE</th>
<th>INTERVAL PERFORATED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FROM</td>
</tr>
<tr>
<td>6/12/80</td>
<td>8825'</td>
</tr>
</tbody>
</table>

## STIMULATION RECORD

<table>
<thead>
<tr>
<th>DATE</th>
<th>INTERVAL TREATED</th>
<th>AMOUNT FLUID</th>
<th>AMOUNT SAND</th>
<th>INJECTION RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/19/80</td>
<td>8825' - 9000'</td>
<td>5,300 gal. acid</td>
<td>7661/min.</td>
<td></td>
</tr>
</tbody>
</table>

**NATURAL OPEN FLOW**

**AFTER TREATMENT OPEN FLOW**

**NATURAL ROCK PRESSURE**

**AFTER TREATMENT ROCK PRESSURE**

**HRS.**

**DAYS**

**REMARKS:**
The Carl E. Brant "A" #1 was plugged and abandoned on 9/9/77. The well was then converted to a salt water disposal well. Drilled out cement plug at 4760-4310'. Continued drilling to a total depth of 9009'. All previous perfs squeezed and cement retainers drilled out.

**Signature:**

**Date:**
2-24-81

*(FORMAT ON ON REVERSE SIDE)*
<table>
<thead>
<tr>
<th>NAME</th>
<th>TOP</th>
<th>BOTTOM</th>
<th>GAS AT</th>
<th>OIL AT</th>
<th>WATER AT (FRESH OR SALT WATER)</th>
<th>SOURCE OF DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>0</td>
<td>92</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>92</td>
<td>1600</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1600</td>
<td>1640</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1640</td>
<td>1683</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1683</td>
<td>1700</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1700</td>
<td>1720</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1720</td>
<td>1740</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>1740</td>
<td>1765</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1765</td>
<td>1780</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1780</td>
<td>1820</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1820</td>
<td>1830</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1830</td>
<td>1875</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1875</td>
<td>1905</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1905</td>
<td>1935</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>1935</td>
<td>1950</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Sandy Shale</td>
<td>1950</td>
<td>1970</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1970</td>
<td>2200</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Sandy</td>
<td>2200</td>
<td>2225</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Sandy Shale</td>
<td>2225</td>
<td>2495</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Sandy Shale</td>
<td>2495</td>
<td>2570</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>2570</td>
<td>2649</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>2649</td>
<td>2665</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>2665</td>
<td>2780</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale Gas Show</td>
<td>2780</td>
<td>2790</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>2790</td>
<td>2800</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>2800</td>
<td>3000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Sandy Shale</td>
<td>3000</td>
<td>3120</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3120</td>
<td>3280</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3280</td>
<td>3310</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>3310</td>
<td>3420</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3420</td>
<td>3425</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3425</td>
<td>3470</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3470</td>
<td>3520</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>3520</td>
<td>3535</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3535</td>
<td>3590</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3590</td>
<td>3630</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3630</td>
<td>3645</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3645</td>
<td>3715</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3715</td>
<td>3735</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3735</td>
<td>3900</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3900</td>
<td>3935</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3935</td>
<td>3950</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand - Hard</td>
<td>3950</td>
<td>3985</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3985</td>
<td>4375</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4375</td>
<td>4495</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>4495</td>
<td>4500</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4500</td>
<td>4595</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>4595</td>
<td>4620</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>4620</td>
<td>4785</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4785</td>
<td>4815</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>4815</td>
<td>4890</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4890</td>
<td>5030</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Continued)
<table>
<thead>
<tr>
<th>formation</th>
<th>dip</th>
<th>@d</th>
<th>gas @</th>
<th>oil @</th>
<th>water at</th>
<th>source of data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand</td>
<td>5020</td>
<td></td>
<td>5110</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>5110</td>
<td></td>
<td>5140</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>5140</td>
<td></td>
<td>5185</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>5185</td>
<td></td>
<td>5276</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>5276</td>
<td></td>
<td>5622</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>5622</td>
<td></td>
<td>5900</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>5900</td>
<td></td>
<td>6190</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6190</td>
<td></td>
<td>6380</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>6380</td>
<td></td>
<td>6400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>6400</td>
<td></td>
<td>6520</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale, Sand</td>
<td>6520</td>
<td></td>
<td>6664</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6664</td>
<td></td>
<td>6825</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6825</td>
<td></td>
<td>6935</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>6935</td>
<td></td>
<td>7090</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>7090</td>
<td></td>
<td>7199</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>7199</td>
<td></td>
<td>7360</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>7360</td>
<td></td>
<td>8600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marcellous Shale</td>
<td>8600</td>
<td>8734</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Onondaga</td>
<td>8734</td>
<td></td>
<td>8760</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>8760</td>
<td></td>
<td>8836</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>8836</td>
<td></td>
<td>8900</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand Shale</td>
<td>8900</td>
<td></td>
<td>9056</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Limestone

December 18 1981

[Signature]

Dist. Superintendant
WELL OPERATOR: Amoco Production Company
ADDRESS: 10850 Traverse Hwy., Traverse City, MI  ZIP: 49684
FARM NAME: Carl E. Brant etux Unit A
TOWNSHIP: Stony Creek
COUNTY: Somerset
DRILLING COMPLETED: 6/14/77
STATION: 2286

<table>
<thead>
<tr>
<th>Pipe Size</th>
<th>Amb. In Well</th>
<th>Material Behind Pipe</th>
<th>Packer Type</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-5/8&quot;</td>
<td>1512</td>
<td>450 sx</td>
<td></td>
<td>6/22/77</td>
</tr>
<tr>
<td>5-1/2&quot;</td>
<td>9044</td>
<td>200 sx</td>
<td></td>
<td>7/30/77</td>
</tr>
<tr>
<td>13-3/8&quot;</td>
<td>40</td>
<td>100 sx</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Perforation Record

<table>
<thead>
<tr>
<th>Date</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/15/77</td>
<td>8898</td>
<td>8938</td>
</tr>
<tr>
<td>8/22/77</td>
<td>8758</td>
<td>8780</td>
</tr>
<tr>
<td>9/6/77</td>
<td>4614</td>
<td>4624</td>
</tr>
<tr>
<td>9/6/77</td>
<td>4624</td>
<td>4640</td>
</tr>
</tbody>
</table>

Stimulation Record

<table>
<thead>
<tr>
<th>Date</th>
<th>Interval Treated</th>
<th>Ant. Fluid</th>
<th>Ant. Sand</th>
<th>Injection Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/15/77</td>
<td>8898-8938</td>
<td>2000 gal</td>
<td></td>
<td>Max 0 BPM, Min 1.5 BPM</td>
</tr>
<tr>
<td>8/22/77</td>
<td>8758-8780</td>
<td>1000 gal</td>
<td></td>
<td>1.5 BPM</td>
</tr>
<tr>
<td>9/6/77</td>
<td>4624-4640</td>
<td>200 gal</td>
<td></td>
<td>3 BPM</td>
</tr>
</tbody>
</table>

Natural Open Flow Remarks:
Drilled in with mud, unable to measure open flow.

Natural Rock Pressure Remarks:
Unknown, drilled in with mud.

After Treatment Open Flow: Zero MCFD
Well was plugged and abandoned 9/8/77.

After Treatment Rock Pressure: 925
<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
<th>Gas Ab</th>
<th>Oil At</th>
<th>Water At</th>
<th>Source of Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand &amp; Shale</td>
<td>0</td>
<td>92</td>
<td></td>
<td></td>
<td>92</td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>92</td>
<td></td>
<td>1600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1600</td>
<td></td>
<td>1640</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1640</td>
<td></td>
<td>1685</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1685</td>
<td></td>
<td>1700</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1700</td>
<td></td>
<td>1720</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1720</td>
<td></td>
<td>1740</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>1740</td>
<td></td>
<td>1765</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1765</td>
<td></td>
<td>1780</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1780</td>
<td></td>
<td>1820</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1820</td>
<td></td>
<td>1830</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1830</td>
<td></td>
<td>1875</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>1875</td>
<td></td>
<td>1905</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1905</td>
<td></td>
<td>1935</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>1935</td>
<td></td>
<td>1950</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Sandy Shale</td>
<td>1950</td>
<td></td>
<td>1970</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>1970</td>
<td></td>
<td>2200</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Sandy</td>
<td>2200</td>
<td></td>
<td>2225</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Sandy Shale</td>
<td>2225</td>
<td></td>
<td>2495</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Sandy Shale</td>
<td>2495</td>
<td></td>
<td>2570</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>2570</td>
<td></td>
<td>2649</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>2649</td>
<td></td>
<td>2665</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>2665</td>
<td></td>
<td>2780</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale Gas Show</td>
<td>2780</td>
<td></td>
<td>2790</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>2790</td>
<td></td>
<td>2800</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>2800</td>
<td></td>
<td>3000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Sandy Shale</td>
<td>3000</td>
<td></td>
<td>3120</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3120</td>
<td></td>
<td>3280</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3280</td>
<td></td>
<td>3310</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>3310</td>
<td></td>
<td>3420</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3420</td>
<td></td>
<td>3425</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3425</td>
<td></td>
<td>3470</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3470</td>
<td></td>
<td>3520</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>3520</td>
<td></td>
<td>3535</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3535</td>
<td></td>
<td>3590</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3590</td>
<td></td>
<td>3630</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3630</td>
<td></td>
<td>3645</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3645</td>
<td></td>
<td>3715</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3715</td>
<td></td>
<td>3755</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3755</td>
<td></td>
<td>3900</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3900</td>
<td></td>
<td>3935</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3935</td>
<td></td>
<td>3950</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>3950</td>
<td></td>
<td>3955</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>3955</td>
<td></td>
<td>4375</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4375</td>
<td></td>
<td>4495</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>4495</td>
<td></td>
<td>4500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4500</td>
<td></td>
<td>4505</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>4505</td>
<td></td>
<td>4620</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale &amp; Sand</td>
<td>4620</td>
<td></td>
<td>4785</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4785</td>
<td></td>
<td>4815</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>4815</td>
<td></td>
<td>4890</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>4890</td>
<td></td>
<td>5030</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>5030</td>
<td></td>
<td>5110</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Continued ---

Date October 24, 1977

Approved Amoco Production Company Operator

By J. E. York, Title Area Superintendent
<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
<th>Gas At</th>
<th>Oil At</th>
<th>Water At</th>
<th>Source of Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandy Shale</td>
<td>5110</td>
<td>5140</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>5140</td>
<td>5185</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>5185</td>
<td>5276</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>5276</td>
<td>5622</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>5622</td>
<td>5900</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>5900</td>
<td>6190</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6190</td>
<td>6350</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>6380</td>
<td>6400</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>6400</td>
<td>6520</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale, Sand</td>
<td>6520</td>
<td>6664</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6664</td>
<td>6825</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>6825</td>
<td>6935</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>6935</td>
<td>7090</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy Shale</td>
<td>7090</td>
<td>7190</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, Shale</td>
<td>7190</td>
<td>7360</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Shale</td>
<td>7360</td>
<td>8600</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marcellous Shale</td>
<td>8600</td>
<td>8734</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Onondago</td>
<td>8734</td>
<td>8760</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td>8760</td>
<td>8836</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>8836</td>
<td>8900</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand Shale</td>
<td>8900</td>
<td>9056TD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date: October 24, 1977
Approved: Amoco Production Company
Operator: J. E. York, Title Area Superintendent
**COMMONWEALTH OF PENNSYLVANIA**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS MANAGEMENT PROGRAM

**INSPECTION REPORT**

**DEP Office:** ARMBRUST PROF. CTR.  
**Address:** 8205 RT. 819  
**Greensburg, PA 15601**

**Oper Name:** COTTONWOOD OPERATING  
**Address:** 338 Harris Hill Rd.  
**Williamsville, NY 14221**

**Permit or Reg. #:** 111-20059  
**Project #:**

**Farm Name & Well #:** BRANT S.W.D. W.  
**County:** SOMERSET  
**Municipality:** STONY CREEK.

**Latitude:** °'"  
**Longitude:** °'"  

**Inspection Code:**
- [ ] BDREL - Bond Release
- [ ] CEI - Compliance Evaluation
- [ ] COMPL - Compliant Inspection
- [ ] DRALT - Drilling or Alteration
- [ ] FLWUP - Follow-up
- [ ] PLUG - Plugging
- [ ] RDSPR - Road Spreading
- [ ] RESTR - Site Restoration
- [ ] RTNC - Routine
- [ ] Permit Expired
- [ ] Alt/Meth.
- [ ] Annulus Open
- [ ] Cement Returns
- [ ] Recommend Bond Release

**Location / Insp. / Violation**

<table>
<thead>
<tr>
<th>Site ID</th>
<th>Location</th>
<th>Inspect.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Fresh Water Amt / Depth</td>
<td>Salt Water Amt / Depth</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling / Plugging**

- [ ] Filling Material & Plugs
- [ ] From
- [ ] To

**Casing & Tubing**

- [ ] Size
- [ ] Pulled
- [ ] Left

**Remarks:**

**ROUTING DISPOSAL WERE INSPECTION.**

**TANKS & EQUIPMENT ON SITE. ID SIGN & GAS ON.**

**NO PUMPS OPERATING.**

SEP 26, 2011

DEP, SOUTHWEST REGION

OIL & GAS

**Sample No.** | **Location / Description** | **DEP Rep.** (signature) | **Date:** 4-22-11
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**

- [ ] White – Regional File
- [ ] Yellow – Operator
- [ ] Pink – Inspector
- [ ] Goldenrod – Company File

Page 1 of 1
## Inspection Report

**Permit or Reg. #:** 111-20059  
**Project #:**  
**Farm Name & Well #:** BANT H1 S.W.O.W.  
**County:** SOMERSET  
**Latitude:** 0° N  
**Longitude:** 0° W  
**Other:**  
- Permit Expired  
- Alt/Meth.  
- Annulus Open  
- Cement Returns  
- Recommend Bond Release  

### Location and Inspection Details

<table>
<thead>
<tr>
<th>Location</th>
<th>Inspect</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth:</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>✔️</td>
<td>✔️</td>
<td>Fresh Water Amt / Depth</td>
<td>Salt Water Amt / Depth</td>
<td>Fresh Water Amt / Depth</td>
</tr>
<tr>
<td>Well Tag</td>
<td>✔️</td>
<td>✔️</td>
<td>Coal Thickness / Depth</td>
<td>Formations</td>
<td>Oil / Depth</td>
</tr>
<tr>
<td>Distance Restrict</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drilling-Plugging</td>
<td>✔️</td>
<td>✔️</td>
<td>Drilling Material &amp; Plugs</td>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>Notification</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.O.P.</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monument</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waste Mgmt.</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top Hole Water</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluids Mgmt</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impoundment/Vat</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Prevent</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residual Waste</td>
<td>✔️</td>
<td>✔️</td>
<td>Compliance Assistance</td>
<td>Code</td>
<td>Code</td>
</tr>
</tbody>
</table>

### Remarks:

**ROUTING DISPOSAL WELL INSPECTION.**  
**ID SIGN IN PLACE. PUMP OPERATING.**  
**TANKS & EQUIPMENT AS NORMAL.**

**Sample No.**  
**Location / Description**  
**DEP Rep.:**  
**Date:** 8-26-11  
**Time:**

- White – Regional File  
- Yellow – Operator  
- Pink – Inspector  
- Goldenrod – Company File
**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**OIL AND GAS MANAGEMENT PROGRAM**

**INSPECTION REPORT**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEP Office</td>
<td>Department of Environmental Protection</td>
</tr>
<tr>
<td>Permit or Reg. #</td>
<td>111-20059</td>
</tr>
</tbody>
</table>
| Address                                    | Southeast Regional Office  
400 Waterfront Drive  
Pittsburgh PA 15222-4738 |
| Farm Name & Well #                         | BARRANT S.W.D.W. |
| County                                     | SOMERSET    |
| Municipality                               | STONEY CREEK|
| Latitude                                   | N           |
| Longitude                                  | W           |
| Inspection Code                           | BDREL - Bond Release  
CEI - Compliance Evaluation  
COMPL - Complaint Inspection  
DRALT - Drilling or Alteration  
FLWUP - Follow-up  
PLUG - Plugging  
RDSPR - Road Spreading  
RESTR - Site Restoration  
RTNC - Routine |
| Permission Expired                         | Yes         |
| Alleged Meth.                              | Yes         |
| Annulus Open                              | Yes         |
| Cement Returns                            | Yes         |
| Recommend Bond Release                     | Yes         |
| Line Location                              |            |
| Site ID Sign                               |            |
| Well Tag                                   |            |
| Distance Restrict                          |            |
| E/S Plan on Site                           |            |
| E/S Controls                               |            |
| Encroachment                               |            |
| Site Restoration                           |            |
| Drilling/Plugging                          |            |
| Notification                               |            |
| B.O.P.                                     |            |
| Casing                                     |            |
| Monument                                   |            |
| Waste Mgmt.                                |            |
| Top Hole Water                             |            |
| Fluids Mgmt.                               |            |
| Impoundment/Pit                            |            |
| Pollution Prevent                          |            |
| Residual Waste                             |            |
| Compliance Assistance                      |            |
| Code                                       |            |
| Inspection Results                         | NOV10       |
| Remarks:                                   | ROUTINE DISPOSAL WELL INSPECTION  
TANKS & EQUIPMENT AS NORMAL  
ID SIGN & GPS OK. NO ONG ONG WRC FILTER, PUMP RUNNING. |

**Sample No.**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>11-18-10</td>
</tr>
</tbody>
</table>

**White -- Regional File**  
**Yellow -- Operator**  
**Pink -- Inspector**  
**Goldenrod -- Company File**
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

INSPECTION REPORT

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>Michael Morgart</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Department of Environmental Protection</td>
</tr>
<tr>
<td></td>
<td>Southwest Regional Office</td>
</tr>
<tr>
<td></td>
<td>400 Waterfront Drive</td>
</tr>
<tr>
<td></td>
<td>Pittsburgh PA 15222-4745</td>
</tr>
</tbody>
</table>

| Permit or Reg. # | 111-2059 |

<table>
<thead>
<tr>
<th>Opener Name</th>
<th>COTTONWOOD OPER.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>238 HARRIS HILL RD (102)</td>
</tr>
<tr>
<td></td>
<td>WILLIAMSVILLE, NY 14221</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>County</th>
<th>SOMERSET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipality</td>
<td>STONEY CREEK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Latitude</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longitude</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inspection Code</th>
<th>BDREL - Bond Release</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DRALT - Drilling or Alteration</td>
</tr>
<tr>
<td></td>
<td>COMPL - Compliant Inspection</td>
</tr>
<tr>
<td></td>
<td>PLUG - Plugging</td>
</tr>
<tr>
<td></td>
<td>FLWUP - Follow-up</td>
</tr>
<tr>
<td></td>
<td>RDSPR - Road Spreading</td>
</tr>
<tr>
<td></td>
<td>RESTR - Site Restoration</td>
</tr>
<tr>
<td></td>
<td>RTNC - Routine</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other</th>
<th>Permit Expired</th>
<th>Alt/Meth.</th>
<th>Annulus Open</th>
<th>Cement Returns</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Inspectors</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Inspectors</td>
<td>Violation</td>
<td>Driller's Log Information</td>
<td>Depth</td>
</tr>
<tr>
<td>Site ID Sign</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/I Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/I Controls</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Drilling - Plugging | | |
|---------------------|---------------------|
| Notification | |
| B.O.P. | |
| Casing | |
| Monument | |

<table>
<thead>
<tr>
<th>Waste Mgmt.</th>
<th>Top Hole Water</th>
<th>Fluids Mgmt</th>
<th>Impoundment/Pit</th>
<th>Pollution Prevent</th>
<th>Residual Waste</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Compliance Assistance</th>
<th>Code</th>
<th>Code</th>
<th>Inspection Results</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>RESULTS</td>
<td></td>
</tr>
</tbody>
</table>

Remarks:

ROUTING DISPOSAL WELL INSPECTION.
TANKS & EQUIPMENT AS NORMAL.
NO ONE ON SITE, PUMP OPERATING.
ID SIGN & GPS OK

Sample No. Location / Description

DEP Rep. Michael Morgant

Date: 8-16-10
Time:

White - Regional File  Yellow - Operator  Pink - Inspector  Goldenrod - Company File
### INSPECTION REPORT

**DEP Office:**
- Michael Morgan
  - Department of Environmental Protection
- Southwest Regional Office
  - 400 Waterfront Drive
  - Pittsburgh PA 15222-4745
- Permit or Reg #: 111-20059

**Oper Name:** COTTONWOOD OPERATING
- Address: 50 FOUNTAIN PLAZA (1220)
- Buffalο, NY 14202
- County: SOMERSET

**Latitude:** 0° 7' N
**Longitude:** 0° 1' W

**Inspection Code:**
- □ BDREL - Bond Release
- □ CEI - Compliance Evaluation
- □ COMPL - Complaint Inspection
- □ DRALT - Drilling or Alteration
- □ FLWUP - Follow-up
- □ PLUG - Plugging
- □ RDSPR - Road Spreading
- □ RESTR - Site Restoration
- □ RTNC - Routine

**Violation:**
- Wall Tag
- Distance Restrict
- E/S Plan on Site
- Encroachments
- Site Restoration

**Drilling/Plugging:**
- Notification
- B.O.P.
- Casing
- Monument

**Waste Mgmt.:**
- Top Hole Water
- Fluids Mgmt.
- Impoundment/put
- Pollution Prevent

**Residual Waste:**
- Compliance Assistance
- Code: PPPO

**Driller's Log Information:**
- Fresh Water Amt / Depth
- Salt Water Amt / Depth
- Coal Thickness / Depth
- Oil / Depth
- Gas / Depth

**Drilling/Plugging:**
- Filling Material & Plugs
- From
- To
- Size
- Pulled
- Left

**Casing & Tubing:**
- Code: NOVIU

**Remarks:**
- **ROUTING DISPOSAL WELL INSPECTION.**
  - NO ONE ON SITE. NO PUMPS RUNNING.
  - SITE & EQUIPMENT AS NORM. TANKS ON.

- **NOTE:** DEJ VEGETATION ALONG PARKING PAD NEAR WELL MAY INDICATE PRODUCTION FLUID SPILL. CARE SHOULD BE TAKEN TO ENSURE SPILLS SO AS TO AVOID N.O.V. FOR DISCHARGE OF PRODUCTION FLUIDS.

**Sample No.**
- Location / Description
- DEP Rep: [Signature]
- Date: 6-8-10
- Time:

**Fold Marks:**
- Permit Expired
- All/Meth.
- Annulus Open
- Consent Returns
- Recommend Bond Release
**INSPECTION REPORT**

**DEP Office:** Southwest Regional Office

**Address:** 400 Waterfront Drive

**Pittsburgh PA, 15222-4745**

**Oper Name:** COTTONWOOD OPER.

**Address:** 10 FOUNTAIN PLAZA (1200)

**BUFFALO, NY 14202**

**County:** SOMERSETF

**Latitude:** 0° 0' 0" N

**Longitude:** 0° 0' 0" W

**Inspection Code:**
- [ ] BDREL - Bond Release
- [ ] DRALT - Drilling or Alteration
- [ ] PLWUP - Follow-up
- [ ] COMPL - Complaint Inspection
- [ ] PLUG - Plugging
- [ ] RTNC - Routine

**Location:** Site ID Sign

**Violation:** ✗

**Driller's Log Information:**
- Fresh Water
  - Amt / Depth
- Salt Water
  - Amt / Depth
- Coal
  - Thickness / Depth
- Formations
  - Oil / Depth
  - Gas / Depth

**Drilling / Plugging:**
- Notification
- B.O.P.
- Casing
- Monument

**Waste Mgmt.:**
- Top Hole Water
- Fluids Mgmt.
- Impoundment / pit
- Pollution Prevent

**Remarks:**

ROUTINE DISPOSAL WELL INSPECTION.

ID SIGN IN PLACE. TANKS + EQUIPMENT AS NORMAL. SITE SNOW COVERED BUT NO APPARENT BVS PROBLEMS.

MAR 19, 2010

DEP, SOUTHWEST REGION

**Sample No.**

**Location / Description.**

**DEP Rep.:** [Signature]

**Date:** 3-10-10

**Time:**

[ ] White - Regional File
[ ] Yellow - Operator
[ ] Pink - Inspector
[ ] Goldenrod - Company File

Page 1 of 1
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

INSPECTION REPORT

DEP Office: Department of Environmental Protection
Address: Southwest Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222-4745

Oper Name: COTTONWOOD OPERATING.
Address: 50 FOUNTAIN PLAZA
BUFFALO, NY 14202

Latitude: 0° N
Longitude: 0° W

Inspection Code:
- BDREL - Bond Release
- CEI - Compliance Evaluation
- COMPL - Complaint Inspection
- DRALT - Drilling or Alteration
- FLWUP - Follow-up
- PLUG - Plugging
- RDSPR - Road Spreading
- RESTR - Site Restoration
- RRTNC - Routine

Location: Site ID Sign
Inspection: OK
Violation: 

Driller's Log Information:
- Fresh Water Amt / Depth
- Salt Water Amt / Depth
- Coal Thickness / Depth
- Formations Oil / Depth Gas / Depth

Drilling / Plugging
- Notification
- B.O.P.
- Casing
- Monument

Waste Mgmt.
- Top Hole Water
- Fluids Mgmt
- Impoundment /pt.
- Pollution Prevent

Compliance Assistance Code: MOW/0

Routing Disposal Well Inspection:
ID SIGN IN PLACE, TANKS & EQUIPMENT AS NORM. NO ONE ON-SITE. NO PUMPS OPERATING. OK.

Remarks:

Sample No. | Location / Description | DEP Rep: Michael Morgart
---|---|---

Date: 11-25-09

Page 1 of 1

☐ White - Regional File ☐ Yellow - Operator ☐ Pink - Inspector ☐ Goldenrod - Company File
### Inspection Report

**Location:** Cottonwood Op.  
**Address:** 50 Fountain Plaza  
**Site:** 1270  
**Address:** Buffalo, NY 14202

**Inspection Code:**  
- BDREL - Bond Release  
- CEI - Compliance Evaluation  
- COMPL - Complaint Inspection  
- DRALT - Drilling or Alteration  
- FLOWUP - Follow-up  
- PLUG - Plugging

**Driller's Log Information:**  
- Fresh Water Amt / Depth
- Salt Water Amt / Depth
- Coal Thickness / Depth
- Oil / Depth
- Gas / Depth

**Drilling / Plugging:**  
- Filling Material & Plugs  
- From  
- To

**Casing & Tubing:**  
- Size  
- Pulled  
- Left

**Remarks:**

**Routine Disposal Well Inspection. No one onsite.**

**Tanks & Equipment As Normal. No Pump Running.**

**1D Sign In Place. OfS OK. Second Gate Closed.**

**Sample No.**  
**Location / Description**  
**DEP Reps:**  
**Date:** 5/26/05

**Code:** NOV10

**Signature:** Michael Yarrison

**Date:** 5/26/05

**Page 1 of 1**
### COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

#### INSPECTION REPORT

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>Permit or Reg #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Morgart, Department of Environmental Protection</td>
<td>111-20059</td>
</tr>
<tr>
<td>Southwest Regional Office</td>
<td></td>
</tr>
<tr>
<td>400 Waterfront Drive</td>
<td></td>
</tr>
<tr>
<td>Pittsburgh PA 15222-5734</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oper Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>COTTONWOOD OPER.</td>
<td>BUFFALO, NY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Farm Name &amp; Well #</th>
<th>County</th>
<th>Municipality</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRANT #1</td>
<td>SOMERSET</td>
<td>SCHUYLER CREEK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code:</th>
<th>Location</th>
<th>Violation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDREL - Bond Release</td>
<td>Site ID Sign</td>
<td>✓</td>
</tr>
<tr>
<td>DRAIT - Drilling or Alteration</td>
<td>Well Tag</td>
<td></td>
</tr>
<tr>
<td>CEI - Compliance Evaluation</td>
<td>Distance Restrict</td>
<td></td>
</tr>
<tr>
<td>COMPL - Complaint Inspection</td>
<td>E/S Plan on Site</td>
<td></td>
</tr>
<tr>
<td>FLOW - Follow-up</td>
<td>E/S Controls</td>
<td>✓</td>
</tr>
<tr>
<td>PLUG - Plugging</td>
<td>Encroachments</td>
<td></td>
</tr>
<tr>
<td>RDSPR - Road Spreading</td>
<td>Site Restoration</td>
<td></td>
</tr>
<tr>
<td>RESTR - Site Restoration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RTNC - Routine</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Driller's Log Information

- Fresh Water Amt / Depth
- Salt Water Amt / Depth
- Coal Thickness / Depth
- Oil / Depth
- Gas / Depth

#### Casing & Tubing

- Size
- Pulled
- Left

**RECEIVED**
AUG 25 2009

**DEP, SOUTHWEST REGION**
OIL & GAS

**Routing Disposal Well Inspection**
**Facility as normal, ID sign & gas on**
**No pumps operating**

**Sample No.**

<table>
<thead>
<tr>
<th>Location / Description</th>
<th>DEP Rep:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WILKINSON</td>
</tr>
</tbody>
</table>

**Date:**
8-20-09

**Time:**

---

**Fold Line**

**Line**

**Fold Line**

---

**Fold Line**

---

**Fold Line**

---

**Fold Line**

---

**Fold Line**

---

**Fold Line**

---

**Fold Line**

---
**COMMONWEALTH OF PENNSYLVANIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**OIL AND GAS MANAGEMENT PROGRAM**

**INSPECTION REPORT**

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>Michael Morgan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>Southwest Regional Office, 400 Waterfront Drive, Pittsburgh PA 15222-4745</td>
</tr>
<tr>
<td>Permit or Reg. #</td>
<td>111-20059</td>
</tr>
<tr>
<td>Oper Name</td>
<td>COTTONWOOD OPERATING</td>
</tr>
<tr>
<td>Address</td>
<td>50 FOUNTAIN PLAZA, BUFFALO, NY 14220</td>
</tr>
<tr>
<td>County</td>
<td>SOMERSET</td>
</tr>
<tr>
<td>Municipality</td>
<td>STAND/CREEK</td>
</tr>
<tr>
<td>Latitude</td>
<td>0° 1' N</td>
</tr>
<tr>
<td>Longitude</td>
<td>0° 1' W</td>
</tr>
</tbody>
</table>

**Inspection Code:**
- [ ] BDREL - Bond Release
- [ ] DRALT - Drilling or Alteration
- [ ] CEI - Compliance Evaluation
- [ ] FLWUP - Follow-up
- [ ] COMPL - Complaint Inspection
- [ ] PLUG - Plugging
- [ ] RDSPR - Road Spreading
- [ ] RESTR - Site Restoration
- [ ] RTNC - Routine

**Location:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Site ID Sign</th>
<th>Well Tag</th>
<th>Distance Restr</th>
<th>E/S Plan on Site</th>
<th>E/S Controls</th>
<th>Encroachments</th>
<th>Site Restoration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fresh Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salt Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Formations</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling/Plugging:**

<table>
<thead>
<tr>
<th>Notification</th>
<th>B.O.P.</th>
<th>Casing</th>
<th>Monument</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Hole Water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluids Mgmt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impoundment/plt</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Prevent</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residual Waste</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Compliance Assistance:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Code</th>
<th>Inspection Results</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Nov 10</td>
</tr>
</tbody>
</table>

**Remarks:**

ROUTING DISPOSAL WELLS INSPECTION.
TANKS & EQUIPMENT AS NORMAL.
ID SIGN & GAS OK. NO PUMPS RUNNING.

**Sample No.:**

<table>
<thead>
<tr>
<th>Location / Description</th>
<th>DEP Rep.</th>
<th>Date: 10-9-00</th>
</tr>
</thead>
</table>

**White - Regional File**
**Yellow - Operator**
**Pink - Inspector**
**Goldenrod - Company File**
**INSPECTION REPORT**

**Operator:** COTTONWOOD PADD. CO. INC.

**Address:** P.O. BOX 299

BRIDGEPORT, WV.

26302

**Date:** 9-9-96

**Location/Description:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp</th>
<th>Viol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bond</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site ID. Sign</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td>☒</td>
<td></td>
</tr>
<tr>
<td>Pit ID. Sign</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachment</td>
<td>☒</td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General:**

- **Depth:** Y, N
- **Annulus Open:** ☐ ☐
- **Alternate Method:** ☐ ☐
- **Cement Return:** ☐ ☐
- **Recommend Bond Release:** ☐ ☐
- **Permit Expired:** ☐ ☐
- **Permit Issue Date:**

**Driller's Log Information:**

<table>
<thead>
<tr>
<th>Fresh Water Amt./Depth</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Thick/Depth</th>
<th>Formations Oil/Depth</th>
<th>Gas/Depth</th>
</tr>
</thead>
</table>

**Drilling / Plugging:**

- **Date Drilling Commenced:**
- **Pit Approval Number:**
- **Encroachment Permit No.:**
- **NPDES Stormwater No.:**

**Waste Management**

- **Top Hole Water:** ☒
- **Fluids Management:** ☒
- **Impoundments/Pits:**
- **Pollution Prevention:**
- **Residual Waste:**

**Remarks:**

FACILITY NOT PUMPING.

NO ONE ONSITE. 2ND GATE CLOSED.

ID SIGN OK. TANKS APPEAR AS NORMAL.

**Sample No(s).**

<table>
<thead>
<tr>
<th>Location/Description</th>
<th>Certified Mail No</th>
<th>Date Mailed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DER Rep.**

Michael Morgan

**Page 1 of 1**
**INSPECTION REPORT**

**Operator:** COTTONWOOD OPER. CORP.

**Address:** 69 DEZENOISE AVE. SUITE 200 NEW YORK, NY 14202

**Date:** 12-8-97 **Time:**

**Inspection Code:**
- Active Mine - 0
- Coal - 1
- Conservation Coal - 2
- Conservation Non-Coal - 3
- Non-Coal - 4
- Staked/Graded/Drilling/Temp. Suspended/Logging/Fracing - 1
- Plugging - 2
- Bond Release - 3
- Operating - 4
- Abandoned - 5
- Orphan - 6
- Gas Storage - 7
- Inactive Status - 8
- Not Drilled - 9
- General Environmental - 52
- NPDES - 53
- Disposal Well - 55
- Road Spreading - 56
- Restoration - 62
- Encroachment - 64

**General**

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Vio</th>
<th>Y</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bond</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site I.D. Sign</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pit I.D. Sign</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Driller’s Log Information**

**Depth**

- Annulus Open
- Alternate Method
- Cement Return
- Recommend Bond Release
- Permit Expired

**Permit Issue Date:**

**Date Drilling Commenced:**

**Drilling / Plugging**

- Pit Approval Number:
- Encroachment Permit No.:
- NPDES Stormwater No.:  

**Drilling Materials & Plugs**

<table>
<thead>
<tr>
<th>Fresh Water Amt./Depth</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Thickness/Depth</th>
<th>Formations Oil/Depth</th>
<th>Gas/Depth</th>
</tr>
</thead>
</table>

**Casing & Tubing**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
</table>

**Remarks:**

GATES OPEN. STUTZMAN PUMP TRUCK ONSITE DELIVERING BRINE. NO PUMPS RUNNING. ID SIGN ON WELL HEAD GUARD. SITE SNOW COVERED BUT NO APPARENT E&IS OR DISCHARGE PROBLEMS. TANKS APPEAR AS NORMAL. LINED CHEMICAL STORAGE BERM HAS BEEN REMOVED. COLLECTED SAMPLE FROM SUMP HOUSE WITH BARRIER & GRAB FROM SCRAP IN WOODS.

**Sample No(s):**

- Location/Description
- Certified Mail No.
- Name: MICHAEL MORGAN
- Date Mailed: 95/1
- DER Rep: [Signature]

**Disp. Well Tag:** TANKS, 675 OIL

**Page 1 of **
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF OIL AND GAS MANAGEMENT

INSPECTION REPORT

Operator: COTTONWOOD PROD. CO. INC.
Address: 69 DEERMARK AVE.
BUFFALO, NY 14203

Operator Reg. No.:
Project No.:
Farm/Well No.:
County:
Municipality:

Watershed:

Office: 400 WATERFRONT DR.
PITTSBURGH, PA. 15222

Telephone: (412) 442-4000

Permit Reg. No. III-20059

Date 2-1-96 Time 9:30 a.m.

Location:

Inspector:

Inspection Code:

□ Active Mine -0
□ Coal -1
□ Conservation Coal -2
□ Conservation Non-Coal-3
□ Non-Coal-4
□ Staked/Graded/Rig Up/Drilling/Deviation/Slide-Tract/Temp. Suspended/Logging/Shooting/Fracing-1
□ Plugging-2
□ Bond Release-3
□ Drilling Compl/Operating/Abandoned-4
□ Inactive Status-8
□ Not Drilled-9
□ Other-9
□ Disposal Well-55

Disposal Well:

Scene:

□ EV (60)
□ HO (58)

Location:

Ins. Viol.

□ Permit/Reg.
□ Site I.D. Sign
□ Well Tag
□ Pit I.D. Sign
□ Distance Restrict.
□ E/S Plan on Site
□ E/S Plan Implemented
□ E/S Controls
□ Equip. Removed
□ Site Restoration

Drilling/Plugging:

Notification
B.O.P.
Casing
Monument

Waste Management:

Top Hole Water
Drilling Fluids
Frac ing Fluids
Production Fluids
Impoundments
Pollution Prevention
Residual Waste

General/Other:

Depth

□ Annulus Open
□ Alternate Method
□ Cement Return
□ Recommend Bond Release
□ Permit Expired
□ Permit Issue Date

Driller's Log Information:

Fresh Water
Salt Water
Coal
Formations

Thickness
Oil/Depth
Gas/Depth

Plugging:

Filling Material
& Plugs

From
To
Size
Pulled
Left

Casing & Tubing:

Remarks:

ROUTING INSPECTION.
SUMP PUMP RUNNING BUT NO INJECTION PUMPS RUNNING.
SHE SNOW COVERED BUT NO APPARENT GAS PROBLEMS.
SOME WATER IS OVERFLOWING SUM P CAPTURE SYSTEM.
ID SIGN IN PLACE

Sample No(s):
Location/Description

Certified Mail No.
Date Mailed

Name
Michael Murgat

DER Rep.

Page 1 of 1

(1D SIGN + B7S + RANKS ON)

REGIONAL FILE
**Commonwealth of Pennsylvania**  
**Department of Environmental Resources**  
**Bureau of Oil and Gas Management**

**Inspection Report**  
Operator: COTTONWOOD PROD., INC.  
Address: 69 Delaware Ave., Buffalo, NY 14202  
Date: 8-16-95, Time: 2:00 pm

**Inspection Code:**  
- Active Mine - 0  
- Coal - 1  
- Conservation Coal - 2  
- Conservation Non-Coal - 3  
- Non-Coal - 4  
- Staked/Graded/Drilling/Temp. Suspended/Logging/Fracing - 1  
- Plugging - 2  
- Bond Release - 3  
- Operating - 4  
- Abandoned - 5  
- Orphan - 6  
- Gas Storage - 7  
- Inactive Status - 8  
- Not Drilled - 9  
- General Environmental - 52  
- Disposal Well - 55  
- Road Spreading - 56  
- Restoration - 62  
- Encroachment - 64

**Location**  
- Bond
- Site I.D. Sign
- Well Tag
- Pit I.D. Sign
- Distance Restrict.
- E/S Plan on Site
- E/S Controls
- Encroachment
- Site Restoration

**General**  
- Depth
- Annulus Open
- Alternate Method
- Cement Return
- Recommend Bond Release
- Permit Expired
- Permit Issue Date
- Date Drilling Commenced
- Pit Approval Number
- Encroachment Permit No.
- NPDES Stormwater No.

**Driller's Log Information**  
- Fresh Water Amt./Depth
- Salt Water Amt./Depth
- Coal Thick/Depth
- Formations Oil/Depth Gas/Depth

**Drilling / Plugging**  
- Filling Material & Plugs
  - From
  - To
  - Size
  - -Pulled
  - Left

**Casing & Tubing**

**Remarks:**

Routine inspection.

Chemical storage area has been done away with as discussed with Jay Miller. However, I have not yet received a copy of a letter to amend that file. Such letter should describe the site changes (chem. storage) etc. and should be sent promptly.

**Sample No(s).**

**Location/Description**

**Certified Mail No.**

**Name:** Michael Morgan  
**Date Mailed:** 9/1

**DER Rep.:** W. Smith  
**Date:** 9/4/95

**Page 1 of 1**
**INSPECTION REPORT**

**Location**
- Permitted Reg. [X]
- Site I.D. Sign [X]
- Well Tag [X]
- Pit I.D. Sign
- Distance Restrict.
- E/S Plan on Site
- E/S Plan Implemented [X]
- E/S Controls
- Equip. Removed
- Site Restoration

**Drilling-Plugging**
- Notification
- B.O.P.
- Casing
- Monument

**Waste Management**
- Top Hole Water
- Drilling Fluids
- Fracing Fluids
- Production Fluids [X]
- Impoundments
- Pollution Prevention
- Residual Waste

**General/Other**
- Depth [Y N]
- Annulus Open
- Alternate Method
- Cement Return
- Recommend Bond Release
- Permit Expired
- Permit Issue Date

**Driller's Log Information**

<table>
<thead>
<tr>
<th>Fresh Water Amt./Depth</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Thick/Depth</th>
<th>Formations Oil/Depth Gas/Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Plugging**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**

Collected samples from Sump House overflow and seep in woods. ID sign on well head guard. Liners in chemical storage pit has not been replaced. Jay Miller arrived onsite. He says he is getting quotes on a "trough" type steel containment area to replace the lined pit. I explained that a letter to update permit files would be needed but that a trough should be a better system than a lined pit. Jay is attempting to clean sludge out of Sump House. Threeisms trucks unloaded while I was onsite.

<table>
<thead>
<tr>
<th>Sample No(s).</th>
<th>Location/Description</th>
<th>Certified Mail No.</th>
<th>Date Mailed</th>
</tr>
</thead>
<tbody>
<tr>
<td>95112/55</td>
<td>SUMP IN WOODS</td>
<td>Michael Yarkart</td>
<td>9/5/71</td>
</tr>
<tr>
<td>95112/54</td>
<td>SUMP HOUSE</td>
<td>Michael Yarkart</td>
<td>9/5/71</td>
</tr>
</tbody>
</table>

Page 1 of 1
**INSPECTION REPORT**

**Operator:** COTTONWOOD OPER. CORP.  
**Address:** 161 BEREA PLAZA, P.O. BOX 299, BALDPORT, WV.  
**Contractor:**  
**Date:** 1-20-95  
**Time:** 10:45 AM  
**Telephone:** PITTSBURGH, PA. 15222 (412) 442-4000

**Inspection Code:**  
- Active Mine -0  
- Coal -1  
- Conservation Coal -2  
- Conservation Non-Coal -3  
- Non-Coal -4  
- Drilling Complex/Operating/Abandoned -4  
- Inactive Status -8  
- Not Drilled -9  
- General Environmental -52  
- Disposal Well -55  
- Road Spreading -56  
- Restoration -62

**Location:**
- Permit/Reg.  
- Site I.D. Sign  
- Well Tag  
- Pit I.D. Sign  
- Distance Restrict.  
- E/S Plan on Site  
- E/S Plan Implemented  
- E/S Controls  
- Equip. Removed  
- Site Restoration  
- Drilling-Plugging  
- Notification  
- B.O.P.  
- Casing  
- Monument  
- Waste Management  
- Top Hole Water  
- Drilling Fluids  
- Fracing Fluids  
- Production Fluids  
- Impoundments  
- Pollution Prevention  
- Residual Waste

**General/Other:**
- Depth: Y N  
- Annulus Open:  
- Alternate Method:  
- Cement Return:  
- Recommend Bond Release:  
- Permit Expired:  
- Permit Issue Date:  
- Date Drilling Commaned:  
- Pit Approval Number:  
- Other:

**Driller's Log Information:**

<table>
<thead>
<tr>
<th>Fresh Water Amt./Depth</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Thick/Depth</th>
<th>Formations Oil/Depth Gas/Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Plugging:**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>Casing &amp; Tubing From</th>
<th>To</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**

ONSITE FOR ROUTINE FACILITY INSPECTION.  
PUMPS ARE NOT RUNNING. NO ONE ONSITE.  
BRING CATCHMENT SUMP IS OVERFLOWING AT AN ESTIMATED RATE OF 10 GPM. PUMP IS NOT RUNNING. (SNOW MELT)  
LINER IN CHEMICAL STORAGE BERM SHOWS SEVERAL HOLES AND SHOULD BE REPAIRED OR REPLACED PROMPTLY.  
ID SIGN IN PLACE.  
SITE SNOW COVERED.

Sample No(s).  
Location/Description  
Certified Mail No.  
Date Mailed  
Name: MICHAEL MARGARIT OGR. 951  
DER Rep.  

Page 1 of 1

**REGIONAL FILE**

(TAG OK: LINER NEEDS REPAIR)
**INSPECTION REPORT**

**Operator:** COTTONWOOD PROD. CO.  
**Address:** 69 DELWARE AVE., BUFFALO, N.Y. 14202

**Office:** 400 WATERFRONT DR.  
**City:** PITTSBURGH, PA. 15222

**Telephone:** (412) 442-9800

**Inspection Code:**  
- ☐ Active Mine -0  
- ☐ Coal -1  
- ☐ Conservation Coal -2  
- ☐ Conservation Non-Coal -3  
- ☐ Non-Coal -4  
- ☐ Staked/Graded/Inc/Lin/Drilling/Deviation/Side-Track/Temps. Suspended/Logging/Shooting/Fracturing -1  
- ☐ Plugging -2  
- ☐ Bond Release -3  
- ☐ Drilling Compliance/Abandoned -4  
- ☐ Inactive Status -8  
- ☐ Not Drilled -9  
- ☐ Other -9  
- ☐ General Environmental -52  
- ☐ Disposal Well -55  
- ☐ Road Spreading -56  
- ☐ Restoration -62

**Location:**

- Permitted/Reg.  
- Site I.D. Sign  
- Well Tag  
- Pit I.D. Sign  
- Distance Restrict.  
- E/S Plan on Site  
- E/S Plan Implemented  
- E/S Controls  
- Equip. Removed  
- Site Restoration

**Drilling-Plugging:**

- Notification  
- B.O.P.  
- Casing  
- Monument

**Waste Management:**

- Top Hole Water  
- Drilling Fluids  
- Fracing Fluids  
- Production Fluids  
- Impoundments  
- Pollution Prevention  
- Residual Waste

**General/Other:**

- Depth  
- Y N  
- Annulus Open  
- Alternate Method  
- Cement Return  
- Recommend Bond Release  
- Permit Expired  
- Permit Issue Date  
- Date Drilling Commenced  
- Pit Approval Number  
- Other

**Driller's Log Information:**

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt./Depth</td>
<td>Amt./Depth</td>
<td>Thick/Depth</td>
<td>Oil/Depth</td>
</tr>
</tbody>
</table>

**Plugging:**

- Filling Material & Plugs
- Casing & Tubing

- Other

**Remarks:**

INSPECTED SITE. WELL IS NOT PUMPING. NEW ID SIGN HAS BEEN PLACED AT WELL HEAD. SUMP COLLECTION SYSTEM IS OVERFLOWING (~10GPM).

I SAW JAY MILLER (LAUREL) AS I WAS LEAVING THE SITE. HE PLANS TO PUMP SUMP WATER TO FLUSH SYSTEM. HAS NO BRING AS HIS BRINE HAULER IS IN THE HOSPITAL.

**Sample Note(s):**

---

**Page 1 of 1**

**Certified Mail No.** 9511

**DER Rep.**

**Date Mailed**

**REGIONAL FILE**
### Inspection Report

**Location:**
- **Permitted/Reg.:** X
- **Site I.D. Sign:**
- **Well Tag:**
- **Pit I.D. Sign:**
- **Distance Restrict.:**
- **E/I Plan on Site:**
- **E/I Plan Implemented:**
- **E/I Controls:** X
- **Equip. Removed:**
- **Site Restoration:**

**Drilling-Plugging**
- **Notification:**
- **B.O.P.:**
- **Casing:**
- **Monument:**

**Waste Management**
- **Top Hole Water:**
- **Drilling Fluids:**
- **Frac Fluids:**
- **Production Fluids:** X
- **Impoundments:**
- **Pollution Prevention:**
- **Residual Waste:**

### Driller's Log Information

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt./Depth</td>
<td>Amt./Depth</td>
<td>Thick/Depth</td>
<td>Oil/Depth Gas/Depth</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Plugging**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
</table>

### Remarks:

- **WELL IS PUMPING & APPEARS TO BE OPERATING PROPERLY**

- **SUMP COLLECTION HOUSE IS OVERFLOWING AT APPROXIMATELY 5:30PM DUE TO SNOW MELT**

- **ID SIGN HAS BEEN DAMAGED & SHOULD BE REPLACED.**

- **NOTE: TALKED TO JAY MILLER AS I WAS LEAVING SITE. HE SAYS "FRESH WATER" FROM SUMP IS PLUGGING FILTERS WITH SILT. NOW ID SIGN HAS BEEN ORDERED**

<table>
<thead>
<tr>
<th>Sample No(s).</th>
<th>Location/Description</th>
<th>Certified Mail No.</th>
<th>Date Mailed</th>
</tr>
</thead>
<tbody>
<tr>
<td>9511197</td>
<td>SUMP HOUSE (PER POND)</td>
<td>Michael Barlow</td>
<td>9/5/11</td>
</tr>
<tr>
<td>9511198</td>
<td>SUMP IN WOODS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Page 1 of 1**
Vegetation in sump building is coming in slowly due to dry conditions. Mulch in place & sprinkler with hoses in place.

One truck delivering brings while I was on site. Facility appears operational but pump not running.
INSPECTION REPORT

Location

Inspection Code: ☐ Active Mine -0  ☐ Coal -1  ☐ Conservation Coal -2  ☐ Conservation Non-Coal-3  ☐ Non-Coal-4
☐ Drilling Comp./Operation/Abandoned-4  ☐ Inactive Status-8  ☐ Not Drilled-9  ☐ Other-9
☐ Disposal Well-55  ☐ Road Spreading-56  ☐ Restoration-62

Permit/Reg. No. I11-20059
Project No. 
Farm/Well No. BRAINT #1
County SOMERVILLE
Municipality STONEY CREEK
Watershed (EV (60)  □ HQ (58)

Operator COTTONWOOD OPER.CO.
Address 69 DEERW AVE,
BUFFALO, N.Y. 14202

Inspection Date: 12-29-92  Time: 10:30

Office: 400 WATERFRONT DR.
PITTSBURGH, PA. 15222

Telephone: (412) 342-4000

Location

Permit/Reg.  □
Site I.D. Sign  ☒
Well Tag  ☒
Pit I.D. Sign  ☒
Distance Restrict.  ☒
E/S Plan on Site  ☒
E/S Plan Implemented  ❌
E/S Controls  ☒
Equip. Removed  ☒
Site Restoration  ❌

Drilling-Plugging

Notification  ☒
B.O.P.  ☒
Casing  ☒
Monument  ☒

Waste Management

Top Hole Water  ☒
Drilling Fluids  ☒
Fracing Fluids  ☒
Production Fluids  ☒
Impoundments  ☒
Pollution-Prevention  ☒
Residual Waste  ☒

Driller's Log-Information

General/Other

Depth Y N
Annulus Open ☒
Alternate Method  ☒
Cement Return  ☒
Recommending Bond ☒
Release  ☒
Permit Expired  ☒
Permit Issue Date  ☒

Date Drilling Commenced  ☒
Pit Approval Number  ☒

Driller's Log-Information

Fresh Water ☒
Salt Water ☒
Coal ☒
Formations Oil/Depth Gas/Depth

Plugging

Filling Material ☒
& Plugs  ☒
Casing & Tubing  ☒

From To Size Pulled Left

Remarks:

HAD TO HEX TO SITE TO SEE IF UPGRADE OF SUMP COLLECTION SYSTEM WAS COMPLETED. DRAINAGE LINES APPEAR TO BE FINISHED. WE ARE NOT PUMPING. SITE COVERED IN SNOW, STILL WAITING FOR UPDATED AS-BUILT DIAGRAMS ON DRAINAGE SUMP SYSTEM.

HAPPY HOLIDAYS!

Sample No(s).
Location/Description
Certified Mail No. 9511
Date Mailed

Page 1 of 1

DER Rep.

REGIONAL FILE
1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental [ ] Wetlands Obstruction [ ] Road Spreading

<table>
<thead>
<tr>
<th>Location</th>
<th>Y/N</th>
<th>Drilling</th>
<th>Y/N</th>
<th>Fluids Management</th>
<th>Y/N</th>
<th>Pipe Record</th>
<th>Size/Wt.</th>
<th>Depth</th>
<th>Amt./Type Material Behind Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A. Conductor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A. Top Hole Water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>B. Drilling Fluids</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>C. Coal String[5]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>D. Production Fluids</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>D. Intermediate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E. Impoundments</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F. Tubing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>G. Solid Coal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>H. Minced Out</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>I. Shoe</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>J. Facker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>K. Centralizers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>L.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>M.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Q.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Yed No</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10) Sample No. 9911086 Location/Description SEEP IN WOODS

9) Driller's Log Information

<table>
<thead>
<tr>
<th>Fresh Water Amt./Depth</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Amt./Depth</th>
<th>Coal Thick/Depth</th>
<th>Oil/Depth</th>
<th>Gas Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

11) Violations: [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005) [ ] Corrected on Site [ ] Referred for Correction/Assess

12) REMARKS: NO ACTIVITY AT WELL SITE.

TOOK SAMPLE # 9911086 AT "SEEP IN WOODS", OTHER SEEPS DRY.

[ ] Recommend Bond Release
[ ] Do Not Recommend Bond Release. If not, give detailed reason why:

[ ] Permit Expired Permit Issue Date

13) Inspector's Signature Michael Jungman OG1-991
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF OIL AND GAS MANAGEMENT

Request to Transfer Well Permit or Registration

The undersigned requests the transfer of well permit or registration for the following listed well or wells:

(A) From: Amoco Production Company
1340 Rydres Street
Address: P.O. Box 50879
New Orleans, Louisiana 70150

(B) To: Cottonwood Operating Corp.
One Berea Plaza
Address: P.O. Box 299
Bridgeport, WV 26330

<table>
<thead>
<tr>
<th>Permit or Registration No.</th>
<th>Project Number</th>
<th>County</th>
<th>Municipality</th>
<th>Farm Name</th>
<th>Well Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOM-20059-R</td>
<td></td>
<td>Somerset</td>
<td>Stoney Creek</td>
<td>West Shanksville</td>
<td>Salt Water Disposal Facility (fmlly. Carl E. Brant, et ux)</td>
</tr>
</tbody>
</table>

Transferred 3/22/88

This request must be accompanied by bonding instruments as required by Act 223.

The owner or operator must notify the Department in writing of the sale, assignment, transfer, conveyance or exchange of the well(s) within 30 days after such sale, assignment, transfer, conveyance or exchange.

(A) Signature of owner or agent with whom well is presently permitted or registered.

E. L. Medley - President.

(B) Signature of person or agent to whom transfer is requested.

Thomas H. O'Neill, Jr. - President.

Attach proof that transferee has filed a Bond or alternate fee for the well and well site in satisfaction of section 215 of the Oil and Gas Act.
Remarks:

ED RITZER & J. MONT JERRY WARD, MARK SCHUMAKER & TOM O'NEIL ON-SITE, BAIKED SAMPLE FROM MON. WELL (SPLIT WITH DATES + ROSES) & GRABBED SAMPLE FROM SUMP COLLECTION HOUSE. AREA AROUND SUMP HOUSE HAS BEEN GRADED, SEEDED & MULCHED. MARK SCHUMAKER WILL SEND AS-BUILT DRAWINGS OF PUMP HOUSE & SUMP COLLECTION SYSTEM, AND WILL SUBMIT COPIES OF MMA'S FROM MAY-92 UNTIL PRESENT. A LETTER WILL FOLLOW REQUESTING CUTBACK IN SAMPLING FREQUENCY, ETC. FOR MON. WELL.

Sample No(s).
9511069
9511070

Location/Description
SUMP HOUSE
MON. WELL

Certified Mail No.
Date Mailed
Name
DER Rep.

EIS TANKS OK

REGIONAL FILE
 COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF OIL AND GAS MANAGEMENT  

INSPECTION REPORT  

Operator: COTTONWOOD PROD. CO.  
Address: 69 DELAWARE AVE.  
BUFFALO, NY 14202  

Contractor:  
Date: 11/20/82  
Time: 10:00  

Office: 400 WATERFRONT DR.  
PITTSBURGH, PA 15222  
Telephone: (412) 492-9000  

Inspection Code:  
☐ Active Mine -0  
☐ Coal -1  
☐ Conservation Coal -2  
☐ Conservation Non-Coal -3  
☐ Non-Coal -4  
☐ Staked/Graded/Rig Up/Drilling/Devisation/Slip-Track/Temp. Suspended/Logging/Shooting/Fracuing -1  
☐ Plugging-2  
☐ Bond Release -3  
☐ Drilling Comp/Operating/Abandoned-4  
☐ Inactive Status-8  
☐ Not Drilled-9  
☐ Other -9  
☐ General Environmental -52  
☐ Disposal Wall -56  
☐ Road Spreading-58  
☐ Restoration-52  

Location  

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp. Viol.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permit Reg.</td>
<td>X</td>
</tr>
<tr>
<td>Site I.D. Sign</td>
<td>X</td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
</tr>
<tr>
<td>Pit I.D. Sign</td>
<td></td>
</tr>
<tr>
<td>Distance Restrict.</td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
</tr>
<tr>
<td>E/S Plan Implemented</td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
</tr>
<tr>
<td>Equip. Removed</td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
</tr>
</tbody>
</table>

Drilling-Plugging  

| Notifivation   |   |
| B.O.P.         |   |
| Casing         |   |
| Monument       |   |

Waste Management  

| Top Hole Water |   |
| Drilling Fluids |   |
| Fracing Fluids | TURBO |
| Production Fluids |   |
| Impoundments   |   |
| Pollution Prevention |   |
| Residual Waste |   |

General/Other  

<table>
<thead>
<tr>
<th>Depth</th>
<th>Y N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annulus Open</td>
<td></td>
</tr>
<tr>
<td>Alternates Method</td>
<td></td>
</tr>
<tr>
<td>Cement Return</td>
<td></td>
</tr>
<tr>
<td>Recommend Bond Release</td>
<td></td>
</tr>
<tr>
<td>Permit Expired</td>
<td></td>
</tr>
<tr>
<td>Permit Issue Date</td>
<td></td>
</tr>
<tr>
<td>Date Drilling Commenced</td>
<td></td>
</tr>
<tr>
<td>Plt Approval Number</td>
<td></td>
</tr>
</tbody>
</table>

Driller's Log Information  

<table>
<thead>
<tr>
<th>Fresh Water Amt./Depth</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Thick/Depth</th>
<th>Formations Oil/Depth Gas/Depth</th>
</tr>
</thead>
</table>

Plugging  

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
</table>

Remarks:  

ED RITZER & I ONSITE. JAY MILLER & CONTRACTORS DOING UPDATE ON FRENCH DRAINS FOR SUMP. FRENCH DRAIN & LINER IN PLACE. BACKFILLING WITH GRAVEL ONGOING. DISPOSAL WELL PUMPING.

Sample No(s):  
Location/Description:  
Certified Mail No:  
Name: MICHAEL MORKART  
Date Mailed:  
DER Rep:  

Page 1 of 1  

REGIONAL FILE
Inspection Report

Location
- Permit/Reg.
- Site I.D. Sign
- Well Tag
- Pit I.D. Sign
- Distance Restrict.
- E/S Plan on Site
- E/S Plan Implemented
- E/S Controls
- Equip. Removed
- Site Restoration

Drilling-Plugging
- Notification
- B.O.P.
- Casing
- Monument

Waste Management
- Top Hole Water
- Drilling Fluids
- Fracing Fluids
- Production Fluids
- Impoundments
- Pollution Prevention
- Residual Waste

General/Other
- Depth
- Annulus Open
- Alternate Method
- Cement Return
- Recommend Bond Release
- Permit Expired
- Permit Issue Date

Driller's Log Information

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt./Depth</td>
<td>Amt./Depth</td>
<td>Thick/Depth</td>
<td>Oil/Depth</td>
</tr>
<tr>
<td>From</td>
<td>To</td>
<td>Size</td>
<td>Pulled</td>
</tr>
</tbody>
</table>

Plugging

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

Remarks:

I met Terry Ward onsite & collected samples from monitoring well. Discussed results of past sampling events. Shallow fluid collection sump is full due to flow down over bank from making pad. Disposal well is operating. will discuss need for update to sump with Cottonwood.

Sample No(s): 9511024
Location/Description: Monitoring Well
Certified Mail No: 9511
Date Mailed: 9511
Name: Michael Morgan
DER Rep: [Signature]

Page 1 of 1

Regional File
ED RITTER ON SITE TO INSPECT THE NEWLY REBUILT PUMP HOUSE. APPEARS OPERATIONAL EXCEPT FOR INCOMPLETE PLUMBING ON PRIMARY STORAGE TANK.
ED RITZER & I INSPECTED SITE. PUMP HOUSE CONSTRUCTION ONGOING. NEW CONCRETE FLOOR/SPUMP POUR IN PUMP HOUSE. LOW BLOCK WALL STILL UNDER CONSTRUCTION.
NO EQUIPMENT INSTALLED YET.
JAY MILLER ONSITE.

CONSTRUCTING PUMP HOUSE

REGIONAL FILE
INSPECTION REPORT

General/Other

Depth

Annulus Open
Alternate Method
Cement Return
Recommend Bond Release
Permit Expired
Permit Issue Date

Drillers Log Information

Fresh Water
Salt Water
Coal
Formations

Depth
Amt./Depth
Thick/Depth
Oil/Depth Gas/Depth

Drilling-Plugging

Notification
B.O.P.
Casing
Monument

Waste Management

Top Hole Water
Drilling Fluids
Fracturing Fluids
Production Fluids
Impoundments
Pollution Prevention
Residual Waste

Remarks:

ON SITE FOR FIRST QUARTERLY SAMPLING OF MON. WELL.
TERRY WARD, MARK SCHUMACHER, & JAY MILLER ALSO ON SITE.
DEMOLITION OF OLD SUMP HOUSE SLAB BEGAN AROUND
11:30 A.M. PROPOSED COMPLETION IN 2 WEEKS. EQUIPMENT
PULLED FROM PUMP HOUSE YESTERDAY. DISPOSAL WELL OPER-
ATION TEMPORARILY SHUT DOWN. PUMPED 48 GALLONS FROM WELL
(45 GALLONS = 1 WELL BORE VOLUME) & RECOVERY WAS SO SLOW WE SAMPLING THEN.
(WATER WAS INITIALLY AT 39.5' BELOW TOP OF PVC CASING). SHUT SAMPLES
AT 2:15 PM.

Sample No(s.): 9811977
Location/Description: MON. WELL
Certified Mail No.: Date Mailed: 95/1

Page 1 of 1

REGIONAL FILE
ED RITZER & I MET MARK SHUMAKER & JAY MILCOX ON SITE TO DISCUSS PROPOSED FACILITY CHANGES. OPERATOR PROPOSES TO TAKE CONCRETE FLOOR OUT OF PUMP HOUSE & REPLACE WITH NEW CONCRETE FLOOR & SUMP SYSTEM. DESIGNS WILL BE COMING FROM SHUMAKER. TOOK SAMPLE FROM INSIDE SUMP BLDG.
**INSPECTION REPORT**

**Location:**
- Permit/Reg.
- Site I.D. Sign
- Well Tag
- Pit I.D. Sign
- Distance Restrict.
- E/S Plan on Site
- E/S Plan Implemented
- E/S Controls
- Equip. Removed
- Site Restoration

**Drilling-Plugging**
- Notification
- B.O.P.
- Casing
- Monument

**Waste Management**
- Top Hole Water
- Drilling Fluids
- Fracing Fluids
- Production Fluids
- Impoundments
- Pollution Prevention
- Residual Waste

**General/Other**
- Depth
- Annulus Open
- Alternate Method
- Cement Return
- Recommend Bond
- Permit Expired
- Permit Issue Date

**Driller's Log Information**

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Forms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt./Depth</td>
<td>Amt./Depth</td>
<td>Thick/Depth</td>
<td>Oil/Depth Gas/Depth</td>
</tr>
</tbody>
</table>

**Plugging**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

**Remarks:**

"MET TERRY WARD & J. MILLER ON SITE. TOOK SECOND SAMPLE FROM MONITORING WELL.

PUMPED WELL DRY SEVERAL TIMES OVER PERIOD FROM 11:00 AM TO 1:00 PM. EACH TIME WAITED FOR WELL TO RECOVER & PUMPED AGAIN. TOTAL PUMPED ~ 205 GALLONS. WELL MAKING ~ 1.5 GALLONS/HOUR."
**INSPECTION REPORT**

**Operator:** COTTONWOOD PROD. CO.

**Address:** 69 DELAWARE AVE.

**County:** SOMERSET

**Telephone:** (412) 442-4000

**Watershed:** STONY CREEK

**Date:** 3-18-92

**Time:** 9:30

**Permit Reg. No.:** 111-20059

**Farm/Well No.:** BRANT #1

**Municipality:** SOMERSET

**Location**

<table>
<thead>
<tr>
<th>Permitted Reg.</th>
<th>Site H.D. Sign</th>
<th>Well Tag</th>
<th>Pt L.D. Sign</th>
<th>Distance Restrict.</th>
<th>E/S Plan on Site</th>
<th>E/S Plan Implemented</th>
<th>E/S Controls</th>
<th>Equip. Removed</th>
<th>Site Restoration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling-Plugging**

<table>
<thead>
<tr>
<th>Notification</th>
<th>B.O.P.</th>
<th>Casing</th>
<th>Monument</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Waste Management**

<table>
<thead>
<tr>
<th>Top Hole Water</th>
<th>Drilling Fluids</th>
<th>Frac Fluids</th>
<th>Production Fluids</th>
<th>Impoundments</th>
<th>Pollution Prevention</th>
<th>Residual Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General/Other**

- Depth: Y N
- Annulus Open: □ □
- Alternate Method: □ □
- Cement Return: □ □
- Recommend Bond Release: □ □
- Permit Expired: □ □
- Permit Issue Date: ______

**Driller's Log Information**

<table>
<thead>
<tr>
<th>Fresh Water Amt./Depth</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Thick/Depth</th>
<th>Formations Oil/Depth Gas/Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Plugging**

- Filling Material & Plugs
  - From | To | Size | Pulled | Left |
  -      |    |      |       |      |

**Remarks:**

9:30 Met Terry Ward & Jay Miller on site to collect first sample of samples from monitoring well. Terry disconnected bailer & began bailing. Water level at 8' below surface. 3 well volumes 15 ~ 195 gal. Terry lost bailer in hole around 10:40. Fished unsuccessfully began bail again around 11:15 with another bailer.

14:00 Terry had bailed 80 gal. from well by 14:00. I took sample #9511926 and left the site. Terry planned to bail toward 195 gal before sampling (one well bore = 65 gal).

**Sample No(s).**

9511926

**Location/Description:** Bailed from Mon. Well

**Certified Mail No.:**

**Date Mailed:**

**Name:** MICHAEL MORGAN

**DER Rep.:**

**Page 1 of**
Remarks:

MONITORING WELL COMPLETED. RIG GONE.

4" GROUTED TO SURFACE. KEY LOCK ON CAP ON 4"
COVER OVER 8".

DISP. WELL INJECTING WHILE ON SITE (PUMP RUNNING IN PUMP HOUSE)

---

Sample No(s): 961/925
Location/Description: SWEEP IN WOODS
Certified Mail No: 961
Date Mailed: 9/11

Page 1 of 1

REGIONAL FILE
 Remarks: TERRY WARD, JAY MILLER, & DRILLERS ON SITE INSTALLING CASING IN MUM WELL. TERRY HAD 4½' OF SCREEN IN WELL BUT AFTER DISCUSSION & CALL TO M HOSPITAL HE PULLED THE CASING & RESET. TD = 112'5 SAND ON BOTTOM = 108' TO 108'; SCREEN (4" PVC) = 108' TO 93'; SAND AROUND CASING = 108' TO 87'; KB 4½" PVC CASING F 93' TO SURFACE; BENTONITE AROUND CASING = 87' TO 83'1/2; PUTTING LOCKING CAP ON WELL HEAD (CUT OFF TO 2' ABOVE GROUND LEVEL) BEGINNING TO TROMMY GROUT DOWN BETWEEN 4" AND 8" PVC. TERRY WILL GROUT THE HOSE TODAY. MONDAY MORNING THEY'LL CHECK CEMENT GROUT & DEVELOP. TERRY WILL BE BACK A WEEK FROM MONDAY FOR FIRST SAMPLING.
**INSPECTION REPORT**

**Location**
- Permit Reg.
- Site I.D. Sign
- Well Tag
- Pit I.D. Sign
- Distance Restrict.
- E/S Plan on Site
- E/S Plan Implemented
- E/S Controls
- Equip. Removed
- Site Restoration

**Drilling-Plugging**
- Notification
- B.O.P.
- Casing
- Monument

**Waste Management**
- Top Hole Water
- Drilling Fluids
- Fracing Fluids
- Production Fluids
- Impoundments
- Pollution Prevention
- Residual Waste

**General/Other**
- Depth
  - Y N
  - Annulus Open
  - Alternate Method
  - Cement Return
  - Recommend Bond
  - Release
  - Permit Expired
  - Permit Issue Date

**Driller's Log Information**
- Fresh Water Amt./Depth
- Salt Water Amt./Depth
- Coal Thick/Depth
- Formations Oil/Depth Gas/Depth

**Plugging**
- Filling Material & Plugs
- From To Size Pulled Left

**Casing & Tubing**

**Remarks:**

13:30 ARRIVED ON SITE. TERRY WARD & JAY MILLER ON SITE. DRAGGING RIG INTO POSITION WITH DG. DISPOSAL WELL OPERATING.

14:00 RIG IN PLACE. I APPROVED LOCATION WITH TERRY WARD. RIGGING UP.

15:00 DILLING COMMENCED WITH AIR ROTARY. ATTAINED DEPTH OF ABOUT 3'.

- TERRY PLANS TO SET 30' OF CASING TONIGHT & DRILL AGAIN TOMORROW.

DEVELOPMENT OF WEL WILL FOLLOW TOMORROW OR WEDNESDAY. TERRY WILL CALL MY OFFICE WITH OUTCOME OF TOMORROWS DRILLING ACTIVITIES BY AROUND 4:00 TOMORROW.

**Sample No(s).**

**Location/Description**

**Certified Mail No.**

**Date Mailed**

**Name**

**DER Rep.**

**Page 1 of 1**

**REGIONAL FILE**
INSPECTION REPORT

Office: 400 WATERFRONT DR. PITTSBURGH, PA. 15222

Telephone: (412) 442-4000

Date: 2-29-92 Time: 13:30

Location

Ins. Viol. Y

Permit/Reg. X
Site T.D. Sign
Well Tag X
Pit I.D. Sign
Distance Restrict.
E/S Plan on Site
E/S Plan Implemented
E/S Controls
Equip. Removed
Site Restoration

Drilling-Plugging

Notification
B.O.P.
Casing
Monument

Waste Management

Top Hole Water
Drilling Fluids
Fracing Fluids
Production Fluids
Impoundments
Pollution Prevention
Residual Waste

General/Other

Depth
Annulus Open
Alternate Method
Cement Return
Recommend Bond Release
Permit Expired
Permit Issue Date
Date Drilling Commenced
Fit Approval Number

Driller's Log Information

Fresh Water
Salt Water
Coal
Formations
Amt./Depth
Amt./Depth
Thick/Depth
Oil/Depth
Gas/Depth

Plugging

Filling Material
& Plugs
From
To
Size
Casing & Tubing
Pulled
Left

Remarks:

MET JAY MILLER, MARK SHUMAKER & TERRY WARD ON SITE TO REVIEW
ALTERNATE LOCATION OF MONITORING WELL. DUE TO WET CONDITIONS THIS
LOCATION HAS BEEN MOVED 25-30' TOWARD DISPOSAL WELL FROM
PREVIOUSLY CHosen LOCATION. I ON'D THIS SPOT WITH A REN OF 15'
OF CLEARWAY. PVC CASING WILL BE USED. SAMPLING WILL BE FOR TOTALS
& NOT DISSOLVED CONCENTRATIONS AS PROPOSED. SCREEN WILL BE USED
IN HOLE IF NECESSARY. RIG WILL SET UP & COMMENCE DRILLING ON
MONDAY (3-2-92) UNLESS I AM NOTIFIED OTHERWISE.

Page 1 of 1

DISCUSSING MONITOR WELL

REGIONAL FILE
INSPECTION REPORT

Location
Permitted Reg. X
Site I.D. Sign X
Well Tag X
Pit I.D. Sign
Distance Restrict.
E/S Plan on Site
E/S Plan Implemented
E/S Controls
Equlp. Removed
Site Restoration

Drilling-Plugging
Notification
B.O.P.
Casing
Monument

Waste Management
Top Hole Water
Drilling Fluids
Fracing Fluids
Production Fluids
Impoundments
Pollution Prevention
Residual Waste

Remarks:

ED RITZER & I ON SITE TO SHOW RITZER LOCATION

CHOOSE FOR MONITORING WELL.

WELL PUMPING WHILE ON SITE.

Sample No(s).

Location/Description

Certified Mail No. OGL

Date Mailed

Page 1 of 1
# Inspection Report

**Operator:** COTTONWOOD PROD. CO.

**Address:** 69 DELAWARE AVE. BUFFALO, N.Y. 14202

**Office:** 400 WATERFRONT DR., PITTSBURGH, PA. 15222

**Telephone:** (412) 442-4000

**Location**
- Permitted Reg.
- Site I.D. Sign
- Wall Tag
- Pit I.D. Sign
- Distance Restrict.
- E/S Plan on Site
- E/S Plan Implemented
- E/S Controls
- Equip. Removed
- Site Restoration

**Inspection Code**
- Active Mine
- Coal
- Conservation Coal
- Conservation Non-Coal
- Non-Coal
- Plugging-2
- Bond Release-3
- Drilling Comp./Drill/Abandoned-4
- Inactive Status-8
- Not Drilled-9
- Other-9
- Disposal Well-55
- Road Spreading-56
- Restoration-62

**General/Other**
- Depth
- Y N
- Annulus Open
- Alternate Method
- Cement Return
- Recommend Bond
- Release
- Permit Expired
- Permit Issue Date

**Driller's Log Information**

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt./Depth</td>
<td>Amt./Depth</td>
<td>Thick/Depth</td>
<td>Oil/Depth Gas/Depth</td>
</tr>
</tbody>
</table>

**Plugging**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

**Remarks:**

DAVID KANIA, MIKE HOSPODAR, AND I MET TOM O'NEIL, MARK SCHUMACHER, 2 COTTONWOOD EMPLOYEES & 2 CONSULTANTS ON SITE. CHOSE LOCATION OF MONITORING WELL (N 60' DOWNSLOPE FROM SHALLOW COLLECTION SYSTEM). COTTONWOOD WILL SURVEY & SEND US DESIGNS. DRILLING WILL PROBABLY COMMENCE IN 30 DAYS WITH 7 DAYS PRE-DRILL NOTICE. ALSO DISCUSSED HOUSEKEEPING PROBLEMS. O'NEIL WILL SUBMIT REQUEST FOR PERMIT AMENDMENT NO.

**Sample No(s).**

<table>
<thead>
<tr>
<th>Location/Description</th>
</tr>
</thead>
</table>

**Certified Mail No.**

**Name:** MICHAEL MORGAN

**Date Mailed:** 9/11

**DER Rep:**

**Page 1 of 1**
**INSPECTION REPORT**

**Address:** 69 Delaware Ave, Buffalo, N.Y. 14202

**Operator:** COTTONWOOD PROP CO.

**Contractor:**

**Date:** 8/24/91  Time: 11:30

**Office:** 121 S. Highland Ave, Pittsburgh, Pa. 15206-3988

**Telephone:** (412) 645-7070

**Watershed:** Stony Creek

**General Environmental-52**

**Location:**

- Perimeter/Reg. Sign X
- Site I.D. Sign
- Well Tag
- Pit I.D. Sign X
- Distance Restrict.
- E/S Plan on Site
- E/S Plan Implemented
- E/S Controls
- Equip. Removed
- Site Restoration

**Drilling-Plugging**

- Notification
- B.O.P.
- Casing
- Monument

**General/Other**

- Depth
- Annulus Open
- Alternate Method
- Cement Return
- Recommend Bond Release
- Permit Expired
- Permit Issue Date

- Date Drilling Commenced
- Pit Approval Number

**Driller's Log Information**

- Fresh Water Amt./Depth
- Salt Water Amt./Depth
- Coal Thick/Depth
- Formations Oil/Depth Gas/Depth

**Plugging**

- Filling Material & Plugs

**Waste Management**

- Top Hole Water
- Drilling Fluids
- Fracing Fluids
- Production Fluids
- Impoundments
- Pollution Prevention Residual Waste

**Remarks:**

Mike Hospodar & I inspected site. Operation shut-down. Appears to have been a leak in an oil tank relating to Pumps in plumehouse. Oil on floor & in sump. 2200 psi at well head & on chart. Left note for Jay Miller to clean up oil & replace ID sign which is off well due to recent painting operation. Water level low in interceptor trench. Contaminated water pooled on inside of berm in parking lot area as usual.

**Sample No(s).**

**Location/Description**

- 
- 
- 

**Certified Mail No.**

**Date Mailed**

- 

**Name:** Michael Markey

**DER Rep.**

- 

**Page 1 of 1**

**Regional File**
Well site inspected for NORM sampling. Meter readings were as follows: background - 4.4 \text{ U/hr} for piping (near tanks) - 5.4 \text{ U/hr} for wellhead + pump house - 4.4 \text{ U/hr} for Tank 1 (nearst pump house) - 10.4 \text{ U/hr} for Tank 2 - 6.4 \text{ U/hr} for Tank 3 - 4.4 \text{ U/hr} for Tank 4 - 5.4 \text{ U/hr} for Tank 5 - 8.4 \text{ U/hr} for Tank 6 - 5.4 \text{ U/hr} for Tank 7 (small) - 2.4 \text{ U/hr} for Tank 8 (greatest distance from pump house) - 9.4 \text{ U/hr} for small area of pooled brines in yard - 8.4 \text{ U/hr} for bore spot on hillside below yard - 4.4 \text{ U/hr} for sump that intercepts shallow ground water - 4.4 \text{ U/hr}.
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF OIL AND GAS MANAGEMENT

INSPECTION REPORT

SRF #
Permitting Reg. No. 11I-20059

Project No.
Farm/Well No. BRANDT # 1

County SOMERSET
Municipality STONEY CREEK

Office: 121 S. HIGHLAND AVE.
PITTSBURGH, PA 15206-3988
Telephone: (412) 645-7076

INSPECTION CODE: □ Active Mine □ Coal-1 □ Conservation Coal 2 □ Conservation Non-Coal-3 □ Non-Coal-4
□ Drilling Compl. Operator Abandoned-4 □ Inactive Status-8 □ Not Drilled-9 □ Other-9
□ General Environmental-52 □ EV (60) □ HQ (58) □ EV (60) □ HQ (58)
□ Disposal Well-55 □ Road Spreading-56 □ Restoration-62

Location
Permit/Reg.
Site I.D. Sign
Well Tag
Pit I.D. Sign
Distance Restrict.
E/S Plan on Site
E/S Plan Implemented
E/S Controls
Equip. Removed
Site Restoration

Drilling-Plugging
Notification
B.O.P.
Casing
Monument

Waste Management
Top Hole Water
Drilling Fluids
Frac ing Fluids
Production Fluids
Impoundments
Pollution Prevention
Residual Waste

General/Other
Depth
Annulus Open
Alternate Method
Cement Return
Recommend Bond Release
Permit Expired
Permit Issue Date
Date Drilling Commenced
Pit Approval Number

Driller's Log Information
Fresh Water
Salt Water
Coal
Formations

Oil/Depth Gas/Depth

Drilling-Plugging
Filling Material
From
To
Size
Pulled
Left

Casings & Tubing

Remarks:
MINE HOAGLAND & I INSPECTED SITE. JAY MILLER ON LOCATION.
WELL IS OPERATING, IT WAS REWORKED RECENTLY. TRENCH SYSTEM
WAS OPERATIONAL & JAY ESTIMATES IT IS CAPTURING ~ 7 BARREL/DAY
OF FLUIDS. WELL WAS PUT BACK IN OPERATION ON 8/27/91.
**INSPECTION REPORT**

**Location**
- Permitted/Reg.:
- Site I.D. Sign:
- Well Tag:
- Pit I.D. Sign:
- Distance Reactlct.:
- E/S Plan on Site:
- E/S Plan Implemented:
- E/S Controls:
- Equip. Removed:
- Site Restoration:

**Drilling-Plugging**
- Notification:
- B.O.P.:
- Casing:
- Monument:

**Waste Management**
- Top Hole Water:
- Drilling Fluids:
- Fracing Fluids:
- Production Fluids:
- Impoundments:
- Pollution Prevention:
- Residual Waste:

**General/Other**
- Depth:
- Annuitus Open:
- Alternate Method:
- Cement Return:
- Recommend Bond Release:
- Permit Expired:
- Permit Issue Date:
- Date Drilling Commenced:
- Pit Approval Number:
- Other:

**Driller's Log Information**

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt./Depth</td>
<td>Amt./Depth</td>
<td>Thick/Depth</td>
<td>Oil/Depth Gas/Depth</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Plugging**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**
Pool rigging up on location to do some service work on the well.

**Date:**
- 6-4-21

**Certified Mail No.:**
- C.E. Eisinger 061-9507

**DER Rep.:**
- C.E. Eisinger

**Regional File**
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF OIL AND GAS MANAGEMENT

INSPECTION REPORT

Location
Permit/Reg. □ Site I.D. Sign □ Well Tag □ Pit I.D. Sign □ Distance Restrict. □ E/S Plan on Site □ E/S Plan Implemented □ E/S Controls □ Equip. Removed □ Site Restoration

Drilling-Plugging
Notification □ B.O.P. □ Casing □ Monument □

Waste Management
Top Hole Water □ Drilling Fluids □ Fraciling Fluids □ Production Fluids □ TANKS □ Impoundments □ Pollution Prevention □ Residual Waste

General/Other
Depth □ Y □ N
Annulus Open □ Alternate Method □ Cement Return □ Recommend Bond Release □ Permit Expired □ Permit Issue Date □

Date Drilling Commenced □ Pit Approval Number □

Driller's Log Information
Fresh Water
Salt Water
Coal
Formations
Oil/Depth Gas/Depth
Amt./Depth Amt./Depth Thick/Depth

Plugging
Filling Material □ Casing & Tubing □ & Plugs □ From To Size Pulled Left

Remarks:
I MET MARK SHUMAKER & JAY MILLER ON SITE. DISCUSSED THIS SHALLOW CONTAMINATION INTERCEPTOR TRENCH WHICH IS NOW OPERATIONAL, & POTENTIAL INVESTIGATION OF DEEPER ZONES. MARK PRESENTED INFO. REGARDING CHANGES REQUESTED TO MAX. INV. PRESS.

HE'LL SEND LETTER WITH REQUESTS TO E. RYKER & EPA. MARK ALSO ASKED ABOUT SETTING LIMITS FOR EXTENT OF CLEAN UP.

TOOK SAMPLE FROM RIGHT-HAND INFILL TO INTERCEPTOR SUMP.

SEEP IN WOODS IS DRY.

Sample Not(s).
96/11827
Location/Description
Certified Mail No. 95/11
Date Mailed
_NAME_ MICHAEL MORGANTO
DER Rep. 95/11

Page 1 of 1
CD RITZER & I INSPECTED SITE. JAY MILLER IS HAVING TROUBLE WITH THE PUMP IN THE LINED SUMP IN THE INTERCEPTOR DITCH. PUMP SUXES LIVER UP OFF OF THE BOTTOM. HE PLANS TO LINE THE AREA BELOW THE PUMP WITH CONCRETE SLABS.

DISPOSAL WELL OPERATING.

REMARKS:

C 5 TIMES OK
**INSPECTION REPORT**

**Operator:** COTTONWOOD BROD. CO.  
**Address:** ONE BEREA PLAZA  
**P.O. Box 299**  
**BRIDGEPORT, W.VA. 2630**

**Commonwealth of Pennsylvania**  
**Department of Environmental Resources**  
**Bureau of Oil and Gas Management**

**Permit Reg. No.: 111-20059**

**Project No.:**  
**Farm/Well No.:** BRANDT #1  
**County:** SOMERSET  
**Municipality:** STONEY CREEK  
**Watershed:** EV (60)  
**Office:** 121 S. HIGHLAND AVE.  
**PITTSBURGH, PA. 15206-3188**  
**Telephone:** (412) 675-7070

**Inspection Code:[]**

- Active Mine -0  
- Coal -1  
- Conservation Coal -2  
- Conservation Non-Coal -3
- Non-Coal -4  
- Staked/Grade/Reg Up/Drilling/Deviation/Side-Track/Temp. Suspended/Logging/Shooting/Pracing -1  
- Bonding -2  
- Bond Release -3  
- Drilling Compl/Operating/Abandoned -4  
- Inactive Status -8  
- Not Drilled -9  
- Other -9  
- General Environmental -52  
- Disposal Well -56  
- Site Restoration -62

**Location**  
**Permit/Reg.**  
**Site I.D. Sign**

**Drilling-Plugging**  
**Notification**  
**B.O.P.**  
**Casing**

**Waste Management**  
**Top Hole Water**  
**Drilling Fluids**  
**Frac Fluids**  
**Production Fluids**

**Remarks:**

**JAY MILLER & CREW ARE ON SITE.**

**DRAINAGE/INTERCEPTOR DITCH & SUMP ARE LINE & FULL OF WATER. PUMP IN SUMP IS BEING CONNECTED. JAY IS TRYING TO FIND 2" LINE TO RUN FROM SUMP TO TANKS; THINKS SYSTEM WILL BE OPERATIONAL BY NEXT WEEK. CONSTRUCTION AREA IS MULCHED.**

**Sample No(s):**  
**Location/Description:**  
**Certified Mail No.:**  
**Date Mailed:**  
**Name:** MICHAEL MORGAN  
**DER Rep.:**

**INSTALLING SUMP PUMP**

**REGIONAL FILE**
ED RITZER & I INSPECTED SITE. JAY MILLER ON SITES. CONSTRUCTION UNDERWAY ON SUMP + LATERALS FOR INTERCEPTOR DITCH BUT LARGE ROCKS CAUSING PROBLEMS FOR EXCAVATOR. JAY WILL NOTIFY ME WHEN CONSTRUCTION IS COMPLETE. WATER WELL HAS JUMPED CONTINUOUSLY SINCE 11:00 AM ON TUESDAY (6-25-91) & HAS NOW GON 48 HRS MAKING ~10 GPM. TOOK SAMPLES FROM HOSES, SEEP IN WOODS IS DRY.
INSPECTION REPORT

Operator: COTTONWOOD OPER. CORP.
Address: ONE BEREA PLAZA
P.O. BOX 299
BRIDGEPORT, W. VA. 26330

Date: 6/20/91 Time: 10:00

Inspection Code: X Active Mine-0

Location

Permit No. [X] Sign
Site I.D. Sign
Well Tag
Pit I.D. Sign
Distance Restrict.
E/S Plan on Site
E/S Plan Implemented
E/S Controls
Equip. Removed
Site Restoration

Drilling-Plugging

Notification
B.O.P.
Casing
Monument

Waste Management

Top Hole Water
Drilling Fluids
Fracing Fluids
Production Fluids
Impoundments
Pollution Prevention
Residual Waste

General/Other

Depth
Annulus Open
Alternate Method
Cement Return
Recommend Bond Release
Permit Expired
Permit Issue Date

Driller's Log Information

Fresh Water
Amt./Depth
Salt Water
Amt./Depth
Coal
Thick/Depth
Formations
Oil/Depth
Gas/Depth

Plugging

Filling Material & Plugs
From
To
Size
Pulled
Left

Casing & Tubing


EXISTING SITE CONDITIONS THE SAME AS ON LAST VISIT.

Sample No(s): 
Location/Description 
Certified Mail No: 
Date Mailed: 95/1

DER Rep: 

Page 1 of 1

DISCUSSING REMEDIATION.

REGIONAL FILE
**Inspection Report**

**Date:** 11/29/90  Time: 12:00

**Location:** XXX

**Inspection Code:**
- [ ] Active Mine -0
- [ ] Coal -1
- [ ] Conservation Coal -2
- [ ] Conservation Non-Coal -3
- [ ] Non-Coal-4
- [ ] Stacked/Graded/Rig Up/Drilling/Deviation/Side-Tract/Tmp. Suspended/Logging/Shooting/Fracing -1
- [ ] Plugging-2
- [ ] Bond Release-3
- [ ] Drilling Compl/Operating/Abandoned-4
- [ ] Inactive Status-8
- [ ] Not Drilled-9
- [ ] Other-9
- [ ] General Environmental-52
- [ ] Disposal Well-55
- [ ] Road Spreading-56
- [ ] Restoration-62

**Telephone:** (304) 842-6931

**Driller's Log Information**

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt./Depth</td>
<td>Amt./Depth</td>
<td>Thck/Depth</td>
<td>Oil/Depth Gas/Depth</td>
</tr>
</tbody>
</table>

**Drilling-Plugging**

- [ ] Notification
- [ ] B.O.P.
- [ ] Casing
- [ ] Monument

**Waste Management**

- [ ] Top Hole Water
- [ ] Drilling Fluids
- [ ] Fracing Fluids
- [ ] Production Fluids
- [ ] Impoundments
- [ ] Pollution Prevention
- [ ] Residual Waste

**Remarks:**

INSPECTED FACILITY, WELL NOT PUMPING WHILE ON SITE. NO OPERATOR PRESENT. RIBBONS STILL UP FROM GEOPHYSICAL SURVEY (APPARENTLY INDICATING SURVEY BOUNDARIES?). FACILITY SHOWS NO APPARENT CHANGES OR PROBLEMS SINCE LAST INSPECTION.

**Sample Note(s):**

**Location/Description:**

**Certified Mail No.:** OGI-9511

**Date Mailed:**

**Sample Note(s):**

**Location/Description:**

**Not Pumping Pit OK**

Location
Permitted/Reg.
Site I.D. Sign
Well Tag
Pit I.D. Sign
Distance Restrict.
E/S Plan on Site
E/S Plan Implemented
E/S Controls
Equip. Removed
Site Restoration

Drilling-Plugging
Notification
B.O.P.
Casing
Monument

Waste Management
Top Hole Water
Drilling Fluids
Fracing Fluids
Production Fluids
Impoundments
Pollution Prevention
Residual Waste

General/Other
Depth
Annulus Open
Alternate Method
Cement Return
Recommend Bond
Release
Permit Expired
Permit Issue Date
Date Drilling Commenced
Pit Approval Number
Other

Driller's Log Information
Fresh Water Amt./Depth
Salt Water Amt./Depth
Coal Thick/Depth
Formations Oil/Depth Gas/Depth

Plugging
Filling Material & Plugs
From
To
Size
Pulled
Left

Casing & Tubing

Remarks: Inspection done to check status of site. Since last inspection the storage pit has been closed & the area resealicated. Surface water accumulated on & below the site is still showing contamination (Conductance of 2000-3000, water on site was soppy - sample taken). Any further action will depend on lab results.

OIL & GAS MANAGEMENT
RECEIVED

OCT 29 1990

Sample No(s).
9.572.80.9
Location/Description
Pooled water on site

Certified Mail No.
Date Mailed
Name
DER Rep.

Page 1 of 1
NOT PUMPING

REGIONAL FILE
INSPECTION REPORT

Operator: COTTONWOOD OPER. CO.
Address: BRIDGEPORT, W.V. 26330-0299

Contractor:
Date: 9/25/90  Time: 9:30

Telephone: (304) 842-6931

Inspection Code:
- Active Mine -0
- Coal -1
- Conservation Coal -2
- Conservation Non-Coal -3
- Non-Coal -4
- Staked/Graded/Reg Up/Drilling/Deviation/Land Tract/Temp. Suspended/Logging/Shooting/Mapping -1
- Plugging -2
- Bond Release -3
- Drilling Compl/Operating/Abandoned -4
- Inactive Status -8
- Not Drilled -9
- Other -9
- General Environmental -52
- Disposal Well -55
- Road Spreading -56
- Restoration -62

Location:
- Permitted/Reg. 
- Site I.D. Sign 
- Well Tag 
- Pit I.D. Sign 
- Distance Restrict. 
- E/S Plan on Site 
- E/S Plan Implemented 
- E/S Controls 
- Equip. Removed 
- Site Restoration 

Drilling-Plugging:
- Notification 
- B.O.P. 
- Casing 
- Monument 

Waste Management:
- Top Hole Water 
- Drilling Fluids 
- Fracing Fluids 
- Production Fluids 
- Impoundments 
- Pollution Prevention 
- Residual Waste 

Remarks:
MIKE HOSPODAR & I ARE ON SITE TO OBSERVE THE GEOPHYSICAL
STUDY CONDUCTED BY BLACKHAWK GEOPHYSICAL FOR C.A.D.S.GROUP
(FOR COTTONWOOD).

REPORT SHOULD FOLLOW IN 3-4 WKS.

DISPOSAL WELL SHUT DOWN.

DER Rep. 9/25/90

Page 1 of 1
INSPECTION REPORT

Location: COTTONWOOD PRODUCTION CO. INC.
Address: P.O. BOX 299
BRIDGEPORT, W.VA. 26330

Date: 9/10/90
Time: 10:00
Office:

Telephone: (304) 442-6931

Inspection Code:  
□ Active Mine -0  
□ Coal -1  
□ Conservation Coal -2  
□ Conservation Non-Coal -3  
□ Non-Coal -4  
□ Staked/Graded/Rig Up/Drilling/Deviation/Side Tract/Temp. Suspended/Logging/Shooting/Fracking -1  
□ Plugging -2  
□ Bond Release -3  
□ Drilling Compl/Operating/Abandoned -4  
□ Inactive Status -8  
□ Not Drilled -9  
□ Other -9  
□ General Environmental -52  
□ Disposal Well -55  
□ Road Spreading -56  
□ Restoration -62

General/Other

Depth □ Y □ N
Annulus Open □  □
Alternate Method □  □
Cement Return □  □
Recommend Bond Release □  □
Permit Expired □  □
Permit Issue Date

Driller's Log Information

Fresh Water Amt./Depth Salt Water Amt./Depth Coal Thick/Depth Formations
Oil/Depth Gas/Depth

Plugging

Filling Material □ & Plugs

Casing & Tubing

From To Size Pulled Left

Waste Management

Top Hole Water □
Drilling Fluids □
Fracing Fluids □
Production Fluids □
Impoundments □
Pollution Prevention □
Residual Waste □

Remarks:

MICK HOSPODAR & I MET MARK SCHUMACHER OF COTTONWOOD & DAVID LINDAHLE OF E.A.D.S. AT DISPOSAL WELL SITE TO DISCUSS THE PROPOSED CLEAN-UP OF SITE. WE GAVE THE GO-AHEAD FOR EADS TO BEGIN PHASE I (TERRAIN CONDUCTIVITY SURVEY & TIME DOMAIN). BLACK HAWK GEOSCIENCES WILL DO THE GEOPHYSICAL WORK AROUND THE FIRST OF SEPTEMBER. SCHUMACHER WILL PROVIDE 48 HRS NOTICE TO MLT, DJ, OR MH HE WILL ALSO SEND US A LETTER SUMMING UP THE MEETING RESULTS & DESCRIBING CONTRACT WITH EADS.

 sample No(s). Location/Description Certified Mail No. Date Mailed

Page 1 of 1

DISCUSSING CLEAN-UP
**INSPECTION REPORT**

- **Operator**: COTTONWOOD PROD. CO., INC.
- **Address**: P.O. BOX 299, BRIDGEPORT, W. Va. 26330
- **Inspection Code**: General Environmental-52
- **Disposal Well-55**
- **Driller's Log Information**
  - **Fresh Water**:
  - **Salt Water**:
  - **Coal**:
  - **Thickness/Depth**:
  - **Formations**:
  - **Oil/Depth**:
  - **Gas/Depth**:

- **Drilling-Plugging**
  - **Notification**:
  - **B.O.P.**:
  - **Ceiling**:
  - **Monument**:

- **Waste Management**
  - **Top Hole Water**:
  - **Drilling Fluids**:
  - **Fracing Fluids**:
  - **Production Fluids**:
  - **Impoundments**:
  - **Pollution Prevention**:
  - **Residual Waste**:

**Remarks:**

TOM FLAHERTY INSPECTED THE SITE. SUMP IS IN PLACE AT TANK TRUCK OFF-LOADING POINT. WELL INJECTING WHILE ON SITE. TALKED TO JAY RE. CLEANUP PLANS.

---

**Sample No(s).**

- [Sample 1]
- [Sample 2]

**Location/Description**

- [Location 1]
- [Location 2]

**Certified Mail No.**

- [Mail 1]

**Date Mailed**

- [Date 1]

---

**SRF #**

- 111-2059

**Permit/Reg. No.**

- [Permit 1]

**Project No.**

- [Project 1]

**Farm/Well No.**

- BRANDT #7

**County**

- SOMERSET

**Municipality**

- SYNDAY CRICK

**Date**

- 7/20/90

**Time**

- 09:30

**Telephone**

- (504) 842-6431

**Operator**

- COTTONWOOD PROD. CO., INC.

**Address**

- P.O. BOX 299, BRIDGEPORT, W. Va. 26330

**Contractor**

- [Contractor 1]

**Office**

- [Office 1]

**Telephone**

- (504) 842-6431

**Watershed**

- [Watershed 1]

**General/Other**

- **Depth**
  - [Depth 1]

- **Annulus Open**
  - [Annulus Open 1]

- **Alternate Method**
  - [Alternate Method 1]

- **Cement Return**
  - [Cement Return 1]

- **Recommend Bond Release**
  - [Recommend Bond Release 1]

- **Permit Expired**
  - [Permit Expired 1]

- **Permit Issue Date**
  - [Permit Issue Date 1]

**Drilling-Plugging**

- **Date Drilling Commenced**
  - [Date Drilling Commenced 1]

- **Pit Approval Number**
  - [Pit Approval Number 1]

- **Other**
  - [Other 1]

**Plugging**

- **Filling Material**
  - [Filling Material 1]

- **Casing & Tubing**
  - [Casing & Tubing 1]

**Sample No(s).**

- [Sample 1]
- [Sample 2]

**Location/Description**

- [Location 1]
- [Location 2]

**Certified Mail No.**

- [Mail 1]

**Date Mailed**

- [Date 1]

---

**REGIONAL FILE**

- SUMP INSTALLED
**INSPECTION REPORT**

**Operator:** COTTONWOOD OPER. CORP.  
**Address:** Box 299  
**Permit/Reg. No.:** 111-20059  
**Date:** 4/27/90  
**Time:** 11:35  
**Telephone:** (304) 842-6931

**Inspection Code:**  
- ☐ Active Mine-0  
- ☐ Coal -1  
- ☐ Conservation Coal -2  
- ☐ Conservation Non-Coal-3  
- ☐ Non-Coal-4  
- ☐ Staked/Graded/Rig Up/Drilling/Deviation/Side Tract/Temp. Suspended/Logging/ Shooting/Fracing-1  
- ☐ Plugging-2  
- ☐ Bond Release-3  
- ☐ Drilling Compl/Operating/Abandoned-4  
- ☐ Inactive Status-8  
- ☐ Not Drilled-9  
- ☐ Other-9  
- ☒ General Environmental-52  
- ☒ Disposal Well-55  
- ☐ Road Spreading-56  
- ☐ Restoration-62

**Location**  
- Permitted/Reg. ☒  
- Site I.D. Sign ☒  
- Well Tag ☒  
- Pit I.D. Sign ☒  
- Distance Restrict. ☒  
- E/S Plan on Site ☒  
- E/S Plan Implemented ☒  
- E/S Controls ☒  
- Equip. Removed ☒  
- Site Restoration ☒

**Drilling-Plugging**  
- Notification ☒  
- B.O.P. ☒  
- Casing ☒  
- Monument ☒

**Waste Management**  
- Top Hole Water ☒  
- Drilling Fluids ☒  
- Fracing Fluids ☒  
- Production Fluids ☒  
- Impoundments ☒  
- Pollution Prevention ☒  
- Residual Waste ☒

**General/Other**  
- Depth: Y N  
- Annulus Open ☐  
- Alternate Method ☐  
- Cement Return ☐  
- Recommend Bond Release ☐  
- Permit Expired ☐  
- Permit Issue Date:  

**Driller's Log Information**

- Fresh Water Amt./Depth:  
- Salt Water Amt./Depth:  
- Coal Thick/Depth:  
- Formations Oil/Depth Gas/Depth:

**Plugging**

- Filling Material & Plugs:  
- Casing & Tubing:  

**Remarks:**

ON-SITE TO INSPECT RECLAMATION EFFORT FROM LIVED PIT. SITE HAS BEEN GRADED, SEEDED & MULCHED. DITCH THROUGH DUNE IS STILL PARTLY OPEN. COLLECTED 2 SAMPLES FROM SLOPES. DISCUSSED CLEANUP WITH JAY (JANDER) HELL HAVE MARK SCHMACHER CONTACT US.

**Sample No.(s):**  
- 95/11719  
- 99/11719

**Location/Description:**  
- Bond Tree SE  
- sop In Woods

**Certified Mail No.:**  
- 001

**Date:** 9/3

**Name:**  
- DER [Signature]

**Page 1 of 1**

REGIONAL FILE
**WARNING:** WELL IS OPERATING AT 3050PSI. OLD STORAGE PIT HAS BEEN BACK FILLED, APPARENTLY WITH LIME IN PLACE (PIECES OF LIME ARE EVIDENT IN THE BACKFILL). SITE STILL NEEDS VEGETATION - THERE IS BOY ON SITE, APPARENTLY TO USE, AS MULCH SEEPES BELOW SITE ARE DAMP BUT NOT FLOWING. A NEW STORAGE TANK IS IN PLACE. ALL NON-BRINE, CHEMICAL STORAGE TANKS ARE NOW WITHIN THE Dikedare. SITE LOOKS MUCH BETTER THAN IN THE PAST.
Remarks: M. HOSPODAR & I INSPECTED SITE. PIT HAS BEEN BACK FILLED
+ GRADED + LINER IS ON TRAILER TO BE Hauled AWAY FOR
DISPOSAL. (SEE PHOTOS). EQUIPMENT BEING REMOVED.

WELL OPERATING WHILE ON SITE.

M. HOSPODAR & I INSPECTED SITE. PIT HAS BEEN BACK FILLED
+ GRADED + LINER IS ON TRAILER TO BE Hauled AWAY FOR
DISPOSAL. (SEE PHOTOS). EQUIPMENT BEING REMOVED.

WELL OPERATING WHILE ON SITE.
**Remarks:** Inspection done to check status of pit pumping. The large storage pit has been pumped down and is nearly empty (approval was given to pump the storm water accumulated in the pit into the Story Creek). There was no pumping during inspection. Well pressure is at 3200 psi; the seeps below the site are dry. Apparently no more pumping of the pit is needed.

---

**General/Other**

<table>
<thead>
<tr>
<th>Location/Description</th>
<th>Inspect. Violated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permitted/Reg.</td>
<td>X</td>
</tr>
<tr>
<td>Site I.D. Sign</td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
</tr>
<tr>
<td>Pit I.D. Sign</td>
<td>X</td>
</tr>
<tr>
<td>Distance Restrict.</td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
</tr>
<tr>
<td>E/S Plan Implemented</td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
</tr>
<tr>
<td>Equip. Removed</td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
</tr>
</tbody>
</table>

| Drilling-Plugging     |                  |
| Notification          |                  |
| B.O.P.               |                  |
| Casing               |                  |
| Monument             |                  |

| Waste Management      |                  |
| Top Hole Water        |                  |
| Drilling Fluids       |                  |
| Fracing Fluids        |                  |
| Production Fluids     | X                 |
| Impoundments          |                  |
| Pollution Prevention  | X                 |

---

**Driller’s Log Information**

<table>
<thead>
<tr>
<th>Fresh Water Amt./Depth</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Thick/Depth</th>
<th>Formations Oil/Depth Gas/Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Plugging**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Sp</th>
<th>Cased &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling Site**

<table>
<thead>
<tr>
<th>Flatsburgh Region</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

---

**Sample Notes**

---

**Page 1 of**

---

**

---

**E&IS, PITS OK**

---

**REGIONAL FILE**
**INSPECTION REPORT**

**Location**
- Permitted/Reg.:
- Site I.D. Sign:
- Well Tag:
- Permit I.D. Sign:
- Distance Restrict.:
- E/S Plan on Site:
- E/S Plan Implemented:
- E/S Controls:
- Equip. Removed:
- Site Restoration:

**Drilling-Plugging**
- Notification:
- B.O.P.:
- Casing:
- Monument:

**Waste Management**
- Top Hole Water:
- Drilling Fluids:
- Fracing Fluids:
- Production Fluids:
- Impoundments:
- Pollution Prevention:
- Residual Waste:

**General/Other**
- Depth:
- Annulus Open:
- Alternate Method:
- Cement Return:
- Recommend Bond Release:
- Permit Expired:
- Permit Issue Date:
- Date Drilling Commenced:
- Pit Approval Number:

**Driller's Log Information**

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal Formations</th>
<th>Oil/Depth Gas/Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt./Depth</td>
<td>Amt./Depth</td>
<td>Thick/Depth</td>
<td></td>
</tr>
</tbody>
</table>

**Plugging**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
</table>

**Remarks:**

ON SITE TO SEE THE COMPLETION OF THE DRAINING OF THE LINED PIT (AS PERMITTED). ABOUT 6" OF FLUID (INCLUDING FLOC) AND 5" OF ICE REMAINS IN PIT. COTTONWOOD'S OPERATOR, JAY MILLER, PLANS TO WAIT FOR ICE TO MELT BEFORE CONTINUING DRAINING OFF THE PIT. NO FLUID DISCHARGING NOW. COTTONWOOD WILL NOTIFY US OF NEXT DISCHARGE.

INJECTION WELL PUMPING WHILE ON SITE. GLYCOL TANKS HAVE BEEN PLACED IN LINED-BURIED AREA.

**Sample No(s).**

**Location/Description**

**Certified Mail N:**

**Date Mailed:**

**Name:**

**DER Rep.:**

**Page 1 of**

**REGIONAL FILE**
Operator: Latenwood

Date: 4/4/90  Time: 2:20


Location: Permitted/Reg. ☒ Site I.D. Sign ☐ Well Tag ☐ Pit I.D. Sign ☐ Distance Restricted ☐ E/S Plan on Site ☐ E/S Plan Implemented ☐ E/S Controls ☐ Equip. Removed ☐ Site Restoration ☐

Drilling-Plugging: Notification ☐ B.O.P. ☐ Casing ☐ Monument ☐

Waste Management: Top Hole Water ☐ Drilling Fluids ☐ Fracing Fluids ☐ Production Fluids ☐ Impoundments ☐ Pollution Prevention ☐ Residual Waste ☒

General/Other: Depth ☐ Y ☐ N ☐
☐ Annulus Open ☐ Alternate Method ☐ Cement Return ☐ Recommend Bond Release ☐ Permit Expired ☐ Permit Issue Date ☐

Driller's Log Information:
- Fresh Water:
  - Amt./Depth
- Salt Water: Amt./Depth
- Coal: Thick/Depth
- Formations: Oil/Depth Gas/Depth

Plugging:
- Filling Material:
  - From To Size Pulled Left
- Casing & Tubing:
  - From To Size Pulled Left

Remarks: Inspection done to see if approved pit pumping has been completed. Apparently no work has been done since 3/14/90 inspection. No pumping is going on & pit remains half full of frozen water. Well is pumping at 3000 psi. Site is frozen & looks OK.

Sample No(s). Location/Description Certified Mail No. Date Mailed

Page 1 of 2

Pt 1/2 FCLL
**Remarks:** Inspection done to sample approved discharge of accumulated water from the old brine storage pit. Siphon line is blocked with ice, preventing the discharge. Approxi 4 of water was removed prior to the freeze-up. It is the operator's intention to thaw out the discharge line as possible; site will be re-inspected later in the day.

15:00 - They are still working to thaw out the discharge line - there is no discharge yet.

**Sample No(s).** | Location/Description | Certified Mail No. | Date Mailed
--- | --- | --- | ---

**NOT DISCHARGING**
**Inspection Report**

**Location:** General Environmental - 52

**Inspection Code:**
- [ ] Active Mine - 0
- [ ] Coal - 1
- [ ] Conservation Coal - 2
- [ ] Conservation Non-Coal - 3
- [ ] Non-Coal - 4
- [ ] Staked/Graded/Rig Up/Drilling/Deviation/Side-Track/Temp. Suspended/Logging/Shooting/Flaring - 1
- [ ] Plugging - 2
- [ ] Bond Release - 3
- [x] Drilling Completion/Abandoned - 4
- [ ] Inactive Status - 8
- [ ] Not Drilled - 9
- [ ] Other - 9

**General/Other**

<table>
<thead>
<tr>
<th>Location</th>
<th>Inspection Violation</th>
<th>Date Drilling Commenced</th>
<th>Driller's Log Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Fresh Water</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Amt./Depth</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Salt Water</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Amt./Depth</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Coal</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Thick/Depth</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Formations</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Oil/Depth</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Gas/Depth</td>
</tr>
</tbody>
</table>

**Waste Management**

- Top Hole Water
- Drilling Fluids
- Fracing Fluids
- Production Fluids
- Impoundments
- Pollution Prevention
- Residual Waste

**Remarks:** Operating during inspection at 3200 psi. Four chemical storage tanks on site are inside a recently constructed lined dike. There are 6 drums of chemicals stored outside of the dike. All brine storage tanks & transmission lines look ok. The old storage pit is full of water appears to be freshwater (partly frozen). The old seep below the site is flowing & is slightly soft. Sample taken. A check will be made with Lab office engineer to see if pressure is up to code for this facility. Annular pressure is 0 psi.

**Sample No(s).**

<table>
<thead>
<tr>
<th>Sample No(s)</th>
<th>Location/Description</th>
<th>Certifed Mail No.</th>
<th>Date Mailed</th>
</tr>
</thead>
<tbody>
<tr>
<td>9512136</td>
<td>seep below yard</td>
<td></td>
<td>25/0197</td>
</tr>
</tbody>
</table>

**Pressure at 3200**

**Regional File**
1) Type Operation: [ ] Oil [ ] Gas [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental(52) [ ] Wetlands Obstruction(59) [ ] Road Spreading(56) [ ] Logging(11) [ ] Shooting(11) [ ] Fracing(11) [ ] Drilling Complem.4 (Not Drilled(9) [ ] Operating(4) [ ] Inactive(8) [ ] Gas Storage(7) [ ] Abandoned

4) Location

<table>
<thead>
<tr>
<th>Location</th>
<th>Y/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td>X</td>
</tr>
<tr>
<td>B. 1.D. Sign (Act 223)</td>
<td>X</td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td>X</td>
</tr>
<tr>
<td>D. Distance Restricted</td>
<td>X</td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td>X</td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
<td>X</td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td>X</td>
</tr>
<tr>
<td>H. E/S Contr. Adequate</td>
<td>X</td>
</tr>
<tr>
<td>I. Encroachments</td>
<td>X</td>
</tr>
<tr>
<td>J. Fire Prevention</td>
<td>X</td>
</tr>
<tr>
<td>K.</td>
<td>X</td>
</tr>
<tr>
<td>L.</td>
<td>X</td>
</tr>
<tr>
<td>M.</td>
<td>X</td>
</tr>
<tr>
<td>N.</td>
<td>X</td>
</tr>
</tbody>
</table>

5) Drilling

<table>
<thead>
<tr>
<th>Location</th>
<th>Y/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Notification</td>
<td>X</td>
</tr>
<tr>
<td>B. Identification (359)</td>
<td>X</td>
</tr>
<tr>
<td>C. Permit on Site</td>
<td>X</td>
</tr>
<tr>
<td>D. Driller's Log</td>
<td>X</td>
</tr>
<tr>
<td>E. B.O.P.</td>
<td>X</td>
</tr>
<tr>
<td>F. Depth</td>
<td>X</td>
</tr>
<tr>
<td>G. General/Other</td>
<td>X</td>
</tr>
<tr>
<td>H. Annulus Ooen</td>
<td>X</td>
</tr>
<tr>
<td>I. Adequate</td>
<td>X</td>
</tr>
<tr>
<td>J. Freeboard</td>
<td>X</td>
</tr>
<tr>
<td>K.</td>
<td>X</td>
</tr>
<tr>
<td>L.</td>
<td>X</td>
</tr>
<tr>
<td>M.</td>
<td>X</td>
</tr>
<tr>
<td>N.</td>
<td>X</td>
</tr>
</tbody>
</table>

7) Fluids Management

<table>
<thead>
<tr>
<th>Location</th>
<th>Y/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Top Hole Water</td>
<td>X</td>
</tr>
<tr>
<td>B. Fracing Fluids</td>
<td>X</td>
</tr>
<tr>
<td>C. Production Fluids</td>
<td>X</td>
</tr>
<tr>
<td>D. Impoundments</td>
<td>X</td>
</tr>
<tr>
<td>E.</td>
<td>X</td>
</tr>
<tr>
<td>F. Sound</td>
<td>X</td>
</tr>
<tr>
<td>G. Immerseble</td>
<td>X</td>
</tr>
<tr>
<td>H. Adequate</td>
<td>X</td>
</tr>
<tr>
<td>I.</td>
<td>X</td>
</tr>
<tr>
<td>J.</td>
<td>X</td>
</tr>
<tr>
<td>K.</td>
<td>X</td>
</tr>
<tr>
<td>L.</td>
<td>X</td>
</tr>
<tr>
<td>M.</td>
<td>X</td>
</tr>
<tr>
<td>N.</td>
<td>X</td>
</tr>
</tbody>
</table>

8) Pipe Record

<table>
<thead>
<tr>
<th>Location</th>
<th>Size/Weight</th>
<th>Depth</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Conductor</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. Water String(6)</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Coal String(5)</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Intermediate</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. Production</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. Tubing</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. Solid Coal</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. Mixed Out</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Shoe</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Facker</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K. Centralizers</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10) Sample No.

<table>
<thead>
<tr>
<th>Location/Description</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Samples Taken due to Trendinous Availability of Last Data</td>
<td>X</td>
</tr>
</tbody>
</table>

11) Violations: [X] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005)

12) Remarks:

Inspected site along with Mike Heim, and Ed Ritter, well was operating while on site. 3 large tanks are now located below ground. These are for off-loading brines (and are currently being sand blasted and painted). Duke surrounding parking lot area has been tarmaced. Water should not be allowed on property or parking lot by overland flow. This area eliminates all possible control of chemical spillage from the 75 full & empty brine storage on site, as well as from the tanks.

Metaxus Ethylene Glycol, Erythrose Glycol, and Monoethylene Glycol located on site. A new enclosed area (in operating approximately 3 months old) indicates spillage from the Glycol tanks. All 3 major spills flowing, 2 of the 56 ga. units appear to have slight leaks. Fluid level in lined pit is approximately 7-8 ft at center.

[ ] Recommend Bond Release
[ ] Do Not Recommend Bond Release. If not, give detailed reason why:

[ ] Permit Exired

13) Inspector's Signature

M. St. Eve

208

Chemical DCH

[01-9571]
**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF ENVIRONMENTAL RESOURCES**  
**BUREAU OF OIL & GAS MANAGEMENT**  
**FIELD INSPECTION**

1. **Type Operation:**  
   - Oil  
   - Gas  
   - Comb.  
   - Disposal Well
2. **Type Inspection:**  
   - Coal  
   - Non-Coal  
   - Active Mine  
   - Conservation  
   - General Environmental  
   - Wetlands Obstruction  
   - Road Spreading
3. **Operational Status:**  
   - Staked  
   - Graded  
   - Rigging  
   - Drilling, Scarred  
   - Deviation/Side Track  
   - Drilling Temp. Suspended  
   - Logging  
   - Logging
4. **Location:**  
   - Y  
   - N  
   - N  
   - N  
   - N  
   - N
   - A. Conductor  
   - B. Water String  
   - C. Coal String  
   - D. Intermediate  
   - E. Production  
   - F. Tubing  
   - G. Solid Coal  
   - H. Mined Out  
   - I. Shoe  
   - J. Packer  
   - K. Centralizers
5. **Driller's Log Information:**  
   - Fresh Water  
   - Salt Water  
   - Coal  
   - Oil

---

**11) Violations:**  
- CSL (002)  
- Act 223 (003)  
- Act 214 (004)  
- Act 359 (005)

---

**12) REMARKS:**  
- Follow-up inspection to see if leaking pipe carrying brines has been replaced since last inspection. Water contamination was detected 9/27/68 by smell and taste. The leak has not been repaired. Brines continue to leak where pipe was sealed together. Leak appears to be less than last time - there may be less pressure in the line. Also, brine storage tanks are not in use at Brine 2 and are badly deteriorated. These were supposed to be taken out of use, but appear to still contain brines. The tanks below the oil are not being filled. The plan will be mailed for brine storage tanks. An updated pre-plan will be requested as discussed with [Redacted].

---

**Inspector's Signature:** [Redacted]  
**Date:** 10/11/68

---

**Permit No.:**  
**County:** Somerset  
**Municipality:** Brine P.O.  
**Inspection Date:** 10/1/68  
**Inspector:** [Redacted]  
**Permit Expired:**  
**Permit Issue Date:**  
**Organizational:** [Redacted]  
**Project No.:** [Redacted]  
**Farm/Wood No.:** [Redacted]  
**Watershed:** [Redacted]  
---
<table>
<thead>
<tr>
<th>Location</th>
<th>Y/N/S</th>
<th>Drilling</th>
<th>Y/N/S</th>
<th>Fluids Management</th>
<th>Y/N/S</th>
<th>Pipe Record</th>
<th>Y/N/S</th>
<th>Site/Well Depth</th>
<th>Y/N/S</th>
<th>Access Material on Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Notification</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. Identification (359)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Permit on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Distance Restrictions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. E/S Plan Involvement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. E/S Concr. Adequate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Fire Prevention</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9) Driller's Log Information

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt./Depth</td>
<td>Amt./Depth</td>
<td>Thick/Depth</td>
<td>Oil/Gas/DeoCh</td>
</tr>
<tr>
<td>A.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

11) Violations:
- CSL (002)
- Act 223 (003)
- Act 214 (004)
- Act 359 (005)
- Corrected on Site
- Referred for Correction/Assess

12) REMARKS:
- Follow up inspection to check-looking line between brine storage tank & reservoir. Apparently brines are no longer being stored in the upper tanks because the line is not reports usable but it is no longer holding. The site looks like below the site is serving from recent heavy rains.
- It seems to be fresh water on or near the site, no evidence of brine
- Hopefully brines spilled on the location in the past have finally been flushed out.

13) Inspector's Signature
**Commonwealth of Pennsylvania**
**Department of Environmental Resources**
**Bureau of Oil & Gas Management**
**Field Inspection**

1) **Type Operation:** [ ] Oil  [ ] Gas  [X] Comb.  [X] Disposal Well
2) **Type Inspection:** [ ] Coal  [ ] Non-Coal  [ ] Active Mine  [X] Conservation  [X] General Environmental(52)  [ ] Wetlands Obstruction(59)  [ ] Road Spreading(56)
3) **Operational Status:** [ ] Staked(9)  [ ] Graded(9)  [ ] Rigging Up(9)  [ ] Drilling Started(1)  [ ] Deviation/Side-Track(1)  [ ] Drilling Temp. Suspended(1)  [ ] Logging(1)
   [ ] Logging(1)  [ ] Shooting(1)  [ ] Tracing(1)  [ ] Drilling Compl.(4)  [ ] Not Drilled(9)  [X] Operating(4)  [ ] Inactive(8)  [ ] Gas Storage(7)  [ ] Abandoned

4) **Location**
   - A. Permitted
   - B. 1-D. Sign (Act 223)
   - C. Well Tagged
   - D. Distance Restrict.
   - E. E/S Plan on Site
   - F. E/S Plan Adequate
   - G. E/S Contr. Adequate
   - H. Encroachments
   - J. Fire Prevention
   - K.
   - L.
   - M.
   - N.

5) **Drilling**
   - A. Notification
   - B. Identification (359)
   - C. Permit on Site
   - D. Driller's Log
   - E. B.O.P.
   - F. Depth
   - G. E/S Plan Implemented
   - H. E/S Plan Adequate
   - I. Encroachments
   - J. Fire Prevention
   - K.
   - L.
   - M.
   - N.

6) **Fluids Management**
   - A. Top Hole Water
   - B. Drilling Fluids
   - C. Fracing Fluids
   - D. Production Fluids
   - E. Impoundments
     - 1. Structurally Sound
     - 2. Impermeable
     - 3. Adequate
       - A. Annuity Open
       - B.
       - C.
       - D.
       - E.
       - F.
       - G.
       - H.
       - I.

7) **Pipe Record**
   - A. Conductor
   - B. Water String(s)
   - C. Coal String(s)
   - D. Intermediate
   - E. Production
   - F. Tubing
   - G. Solid Coal
   - H. Hired Out
   - I. Shoe
   - J. Packer
   - K. Chemical Storage
     - L. Centralizers
   - M.
   - N.

8) **Cement Return to Surface**
   - Y
   - N

9) **Driller's Log Information**
   - Fresh Water
     - A.
     - B.
     - C.
     - D.
     - E.
   - Salt Water
     - A.
     - B.
     - C.
     - D.
     - E.
   - Coal Formations
     - A.
     - B.
     - C.
     - D.
     - E.
   - Oil & Gas Depth
   - Gas/Depth

10) **Sample No.** Location/Description

11) **Violations:** [X] CSL(002)  [ ] Act 223(003)  [ ] Act 214(004)  [X] Act 359(005)
    [ ] Corrected on Site
    [ ] Referred for Correction/Assess.

12) **Remarks:** Inspection showed several possible problems. Liner at the bottom of the compressor is leaking, what appears to be brine. Company will be contacted to correct this. Also, the edge of the site is contributing to erosion, seems to be contaminated with brine. Another inspection will be done at the site with Mike Morgenstern, hydrogeologist, to go over possible continuing problems of the site.

13) **Inspector's Signature**

---

**BACON LEAK**

---

**300' M**
1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental (52) [ ] Wetlands Obstruction (59) [ ] Road Spreading (56)
3) Operational Status: [ ] Staked (9) [ ] Graded (9) [ ] Rigging Up (9) [ ] Drilling Started (1) [ ] Deviation/.Side-Tract (1) [ ] Drilling Temp. Suspected (1) [ ] Logging (1) [ ] Logging (1) [ ] Shooting (1) [ ] Fracaging (1) [ ] Drilling Comp. (4) [ ] Not Drilled (9) [ ] Operating (4) [ ] Inactive (8) [ ] Gas Storage (7) [ ] Abandoned

4) Location

|--------------|----------------------------|----------------|---------------------|---------------------|-----------------------|----------------------|---------------------|----------------|-----------------|---------|

5) Drilling

<table>
<thead>
<tr>
<th>A. TOP Hole Water</th>
<th>B. Water String (6)</th>
<th>C. Coal String (5)</th>
<th>D. Intermediate</th>
<th>E. Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] 1. Impermeable</td>
<td>[ ] 2. Impermeable</td>
<td>[ ] 3. Adequate</td>
<td>[ ] I. Chemical Storage</td>
<td>[ ] L. Pollution Prevention</td>
</tr>
<tr>
<td>[ ] 1.</td>
<td>[ ] 2.</td>
<td>[ ] 3.</td>
<td>[ ] 4.</td>
<td>[ ] 5.</td>
</tr>
</tbody>
</table>

6) Fluids Management

<table>
<thead>
<tr>
<th>A. Top Hole Water</th>
<th>B. Water String (6)</th>
<th>C. Coal String (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] A. Conductor</td>
<td>[ ] B. Sound</td>
<td>[ ] C. Solid Coal</td>
</tr>
<tr>
<td>[ ] F. Structurally</td>
<td>[ ] G. Solid Coal</td>
<td>[ ] H. Mined Out</td>
</tr>
<tr>
<td>[ ] 1. Impermeable</td>
<td>[ ] 2. Impermeable</td>
<td>[ ] 3. Adequate</td>
</tr>
<tr>
<td>[ ] 1.</td>
<td>[ ] 2.</td>
<td>[ ] 3.</td>
</tr>
</tbody>
</table>

7) Not Drilled (9)

<table>
<thead>
<tr>
<th>Operating (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Inactive (8)</td>
</tr>
</tbody>
</table>

10) Sample No.

<table>
<thead>
<tr>
<th>9511306</th>
<th>LOCATION/DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>9511307</td>
<td>SHOVEL, HOLE STOP</td>
</tr>
</tbody>
</table>

11) Violations:

<table>
<thead>
<tr>
<th>CSL (002)</th>
<th>Act 233 (003)</th>
<th>Act 214 (004)</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Corrected on Site</td>
<td>[ ] Referred for Correction/Assess</td>
<td></td>
</tr>
</tbody>
</table>

12) REMARKS:

- NO PUMPS OPERATING AT WELL SITE. WELl IS SHUT DOWN. COLLECTED SAMPVED illuminate to the following: 100 3380.3 FORMER; 300 3390.3 ETHANE CHROM; 300 3800.3 ALCOHOL. NO ALCOHOL ON ANY OF THE TANKS. ALSO SEVERAL METAL DRUMS LABELLED "FORMER" CONTAIN ALCOHOL, SMOKE EXPLOSION.

- SMALL LEG (1 IN DIAMETER) IN WELL ON EXTRACTED PIPE BETWEEN Pit Leg, GENTLY. THIS SITE IS NOW USED TO INJECT WATER FROM TANKS (RECORDING).

- THE PUMP WAS INSTALLED INTO A 3 FT WELL WITH PUSH AND PULL AND IS HANGING UP. ALCOHOL IS TRICKLING DOWN (EST. 10 GAL/HR) INTO A 3 FT WELL IN THE WELL WATER, DRY. POT IS OVERFLOWING INTO TANK. THERE IS NO SIGN OF PUMP OR LEAKING. LAST LEG IN WAS YESTERDAY (8-25-88) WITH A FILTER CHANGE.

- 8-26-88 PUMPED TO FLUSH WETTEN TANKS/PIT. B傑ECAUSE THE EXTRACT IS RUNNING, NO DAMAGE WETTEN WELLS. NEXT LEG IN WAS YESTERDAY (8-25-88) WITH A FILTER CLEANED.

- NL NOT OPERATING

13) Inspector's Signature: [Signature]
COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF OIL & GAS MANAGEMENT  
FIELD INSPECTION

1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental (52) [ ] Wetlands Obstruction (59) [ ] Road Spreading (56)
3) Operational Status: [ ] Staked (9) [ ] Graded (9) [ ] Rigging Up (9) [ ] Drilling Started (1) [ ] Deviation/Side Tract (1) [ ] Drilling Temp. Suspended (1) [ ] Logging (1) [ ] Shooting (1) [ ] Fracing (1) [ ] Drilling Compl. (4) [ ] Not Drilled (9) [ ] Operating (4) [ ] Inactive (8) [ ] Gas Storage (7) [ ] Abandoned
4) Location
   A. Permitted (Act 223) [ ]
   B. Identified (Act 359) [ ]
   C. Well Tagged [ ]
   D. Distance Restrict. [ ]
   E. E/S Plan on Site [ ]
   F. E/S Plan Implemented [ ]
   G. E/S Plan Adequate (General/Other) [ ]
   H. E/S Contr. Adequate [ ]
   I. Encroachments [ ]
   J. Fire Prevention [ ]
   K. [ ]
   L. [ ]
   M. [ ]
   N. [ ]
5) Drilling
   A. Notification [ ]
   B. Identification (Act 359) [ ]
   C. Permit on Site [ ]
   D. Driller's Log [ ]
   E. B.O.P. [ ]
   F. Depth [ ]
   G. E/S Plan Adequate (General/Other) [ ]
   H. E/S Contr. Adequate [ ]
   I. Encroachments [ ]
   J. Fire Prevention [ ]
   K. [ ]
   L. [ ]
   M. [ ]
   N. [ ]
6) Fluids Management
   A. Top Hole Water [ ]
   B. Drilling Fluids [ ]
   C. Fracing Fluids [ ]
   D. Production Fluids [ ]
   E. Impoundments [ ]
   F. Sound [ ]
   G. Mined Out [ ]
   H. Centralizers [ ]
   I. [ ]
   J. [ ]
   K. [ ]
   L. [ ]
   M. [ ]
   N. [ ]
7) Pipe Record
   A. Conductor [ ]
   B. Water String (6) [ ]
   C. Coal String (5) [ ]
   D. Intermediate [ ]
   E. Production [ ]
   F. Tubing [ ]
   G. Solid Coal [ ]
   H. Mined Out [ ]
   I. Shoe [ ]
   J. Packer [ ]
   K. Centralizers [ ]
   L. [ ]
   M. [ ]
   N. [ ]
8) Size/WT. Depth
   A. [ ]
   B. [ ]
   C. [ ]
   D. [ ]
   E. [ ]
   F. [ ]
   G. [ ]
   H. [ ]
   I. [ ]
   J. [ ]
   K. [ ]
   L. [ ]
   M. [ ]
   N. [ ]
9) Driller's Log Information
   A. [ ]
   B. [ ]
   C. [ ]
   D. [ ]
   E. [ ]
   F. [ ]
   G. [ ]
   H. [ ]
   I. [ ]
   J. [ ]
   K. [ ]
   L. [ ]
   M. [ ]
   N. [ ]
10) Sample No.
    A. 951264 Location/Description [ ]
    B. 951265 [ ]
    C. 951266 [ ]
    D. 951267 [ ]
11) Violations: [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005) [ ] Corrected on Site [ ]
12) Remarks:
    SYSTEM WAS DOWN DURING VISIT, ELECTRICIAN ON SITE WORKING ON PRESSURE SWITCH.
    SAMPLED SLEEP IN WOODS, OTHER SLEEP DAY, ALSO SAMPLED Fluid IN LINED PIT, APPEARS CLEAN + PROGES, TAPROPS, & WATER BUGS ARE LIVING IN IT.
    SEVERAL 55 GAL DRUMS LARGED ACROSS AND 3 PLASTIC WATER BLOPPED TAP
    THROWS WITH PUMPS ARE BEING STORED AGER PUMP HOUSE, SO KITZER IS
    LOOKING INTO STORAGE OF CHEMICALS ON SITE.
    SAMPLING
13) Inspector's Signature [ ]
    Permit Issue Date [ ]
    Permit Expires [ ]
    Recommend Bond Release [ ]
    Do Not Recommend Bond Release. If not, give detailed reasons why:
    [ ]
<table>
<thead>
<tr>
<th>4) Location</th>
<th>5) Drilling</th>
<th>7) Fluids Management</th>
<th>Y N</th>
<th>8) Pipe Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td>Y</td>
<td>A. Top Hole Water</td>
<td>A. Conductor</td>
<td></td>
</tr>
<tr>
<td>B. 1-D. Sign (Act 223)</td>
<td>Y</td>
<td>B. Drilling Fluids</td>
<td>B. Water String(6)</td>
<td></td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td>Y</td>
<td>C. Fracing Fluids</td>
<td>C. Coal String(5)</td>
<td></td>
</tr>
<tr>
<td>D. Distance Restrict.</td>
<td>Y</td>
<td>D. Production Fluids</td>
<td>D. Intermediate</td>
<td></td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td>Y</td>
<td>E. Impoundments</td>
<td>E. Production</td>
<td></td>
</tr>
<tr>
<td>F. E/S Implement</td>
<td>Y</td>
<td>1. Structurally Sound</td>
<td>F. Tubing</td>
<td></td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td>Y</td>
<td>2. Impermeable</td>
<td>G. Solid Coal</td>
<td></td>
</tr>
<tr>
<td>I. Encroachments</td>
<td>Y</td>
<td>Freeboard</td>
<td>I. Shoe</td>
<td></td>
</tr>
<tr>
<td>J. Fire Prevention</td>
<td>Y</td>
<td>F. Chemical Storage</td>
<td>J. Packer</td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td>Y</td>
<td>G. Pollution Prevention</td>
<td>K. Centralizers</td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td>Y</td>
<td>H.</td>
<td>L.</td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td>Y</td>
<td>M.</td>
<td>M.</td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td>N</td>
<td>N.</td>
<td>N.</td>
<td></td>
</tr>
</tbody>
</table>

10) Sample No. 951176
Location/Description DUMP FROM SUMP

11) Violations: CSL (002) Act 223 (003) Act 214 (004) Act 359 (005) Corrected on Site [ ] Referred for Correction/Assess

12) REMARKS:

- DUMP IN PUMP HOUSE IS OPERATING.
- SITE LOOKS THE SAME AS PREVIOUS VISITS.
- OK ON WELL.

13) Inspector's Signature

---

 operators COTTONWOOD OVR. CORP.

---

COMMUNE OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF OIL & GAS MANAGEMENT
FIELD INSPECTION

---

LUMIS input: SRF #
1: 4/11/97 Permit No. 111-95179
V: / / Project No.
Watershed

---

1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental(52) [ ] Wetlands Obstruction(39) [ ] Road Spreading(36)
3) Operational Status: [ ] Staked(9) [ ] Graded(9) [ ] Drilling Started(1) [ ] Deviation/Side-Track(1) [ ] Drilling Temp. Suspended(1) [ ] Logging(1) [ ] Logging(1) [ ] Shooting(1) [ ] Fracing(1) [ ] Drilling Comp.(4) [ ] Not Drilled(9) [ ] Operating(4) [ ] Inactive(8) [ ] Gas Storage(7) [ ] Abandoned

---

9) Driller's Log Information
Fresh Water Salt Water Coal Formations
A. Amt./Depth Amt./Depth Thick/Depth Oil/Depth Gas/Depth
B. C. D. E.

[ ] Recommend Bond Release
[ ] Do Not Recommend Bond Release. If not, give detailed reason why:

[ ] Permit Expired Permit Issue Date: 06-95177
<table>
<thead>
<tr>
<th></th>
<th>OPERATOR: COTTONWOOD OPERATING CORP.</th>
<th>COMMONWEALTH OF PENNSYLVANIA</th>
<th>LUMIS Input</th>
<th>SRF #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ADDRESS</td>
<td>DEPARTMENT OF ENVIRONMENTAL RESOURCES</td>
<td>12/13/98</td>
<td>111-20059</td>
</tr>
<tr>
<td></td>
<td>CONTRACTOR</td>
<td>BUREAU OF OIL &amp; GAS MANAGEMENT</td>
<td>V: 11</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DATE: 2-1-88</td>
<td>FIELD INSPECTION</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**1) Type Operation:**  
- [ ] Oil  
- [ ] Gas  
- [X] Comb.  
- [O] Disposal Well  

**2) Type Inspection:**  
- [ ] Coal  
- [ ] Non-Coal  
- [ ] Active Mine  
- [ ] Conservation  
- [ ] General Environmental  
- [ ] Wetlands Obstruction  
- [ ] Road Spreading  

**3) Operational Status:**  
- [ ] Staked  
- [ ] Graded  
- [ ] Rigging Up  
- [ ] Drilling Started  
- [ ] Deviation/Side-tract  
- [ ] Drilling Temp. Suspended  
- [ ] Logging  
- [ ] Shooting  
- [ ] Frac  
- [ ] Drilling Compl.  
- [ ] Not Drilled  
- [ ] Operating  
- [ ] Inactive  
- [ ] Gas Storage  
- [ ] Abandoned

<table>
<thead>
<tr>
<th>Location</th>
<th>Y/N</th>
<th>5) Drilling</th>
<th>7) Fluids Management</th>
<th>8) Pipe Record</th>
<th>Size/Wc.</th>
<th>Depth</th>
<th>Amrt./Type Material Behind Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td></td>
<td></td>
<td>Top Hole Water</td>
<td>Conductor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. I.D. Sign (Act 223)</td>
<td></td>
<td></td>
<td>Drilling Fluids</td>
<td>Water String</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td></td>
<td></td>
<td>Fracing Fluids</td>
<td>Coal String</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Distance Restrict.</td>
<td></td>
<td></td>
<td>Production Fluids</td>
<td>Intermediate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td></td>
<td></td>
<td>Impoundments</td>
<td>Production</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
<td></td>
<td></td>
<td>B.O.P.</td>
<td>Tubing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td></td>
<td></td>
<td>1. Structurally</td>
<td>Sound</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. E/S Contr. Adequate</td>
<td></td>
<td></td>
<td>2. Impermeable</td>
<td>Solid Coal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Encroachments</td>
<td></td>
<td></td>
<td>3. Adequate</td>
<td>Mined Out</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Fire Prevention</td>
<td></td>
<td></td>
<td></td>
<td>Shoe</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td></td>
<td></td>
<td></td>
<td>Packer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td></td>
<td></td>
<td></td>
<td>Centralizers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**10) Sample No.**  
- 351147  
- 351148  
- 3500  
- 500  
- 505

**9) Driller's Log Information**  
- Fresh Water  
- Salt Water  
- Coal  
- Formations  

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amrt./Depth</td>
<td>Amrt./Depth</td>
<td>Thick/Depth</td>
<td>Oil/Depth</td>
</tr>
<tr>
<td>A.</td>
<td>B.</td>
<td>C.</td>
<td>D.</td>
</tr>
</tbody>
</table>

**11) Violations:**  
- [ ] CSL (002)  
- [ ] Act 223 (003)  
- [ ] Act 214 (004)  
- [ ] Act 359 (005)  
- [ ] Corrected on Site  
- [X] Referred for Correction/Assess

**12) REMARKS:**  
- Took above listed samples. Well is in operation.  
- No one on site. ID sign is now in place.  
- With Cottonwood as operator, know well is marine.  
- Keeps run heavily.

**13) Inspector's Signature**

OC1-951

**14) Permit Expired**  
- Permit Issue Date: [ ]

- Recommend Bond Release  
- Do Not Recommend Bond Release. If not, give detailed reason why:

- [ ]
### Field Inspection Report

**Commonwealth of Pennsylvania**  
**Department of Environmental Resources**  
**Bureau of Oil & Gas Management**  
**Field Inspection**

**LUMIS Input**  
SRF #  
Project No.  
Permit No. 111-20059  
V: 1/1/95  
Farm/Well No. SOMERSET  
County STAFF  
Municipality STAFF  
Watershed STAFF  

**Date** 12-18-87  
**Time** 11:45 AM

1. **Type Operation:**  
   - Oil [ ]  
   - Gas [ ]  
   - Comb. [ ]  
   - Disposal Well [ ]

2. **Type Inspection:**  
   - Coal [ ]  
   - Non-Coal [ ]  
   - Active Mine [ ]  

3. **Operational Status:**  
   - Staked (9) [ ]  
   - Graded (9) [ ]  
   - Rigging Up (9) [ ]  

4. **Location:**  

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
</tr>
</tbody>
</table>

5. **Drilling:**  

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6. **Fluids Management:**  

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td>Y [ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. **Pipe Record:**  

<table>
<thead>
<tr>
<th>Size/Weight</th>
<th>Depth</th>
<th>Material Behind Pipe</th>
</tr>
</thead>
</table>

8. **Sample No.:**  

951110  
95121 |

9. **Driller's Log Information:**  

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>B.</td>
<td>C.</td>
<td>D.</td>
</tr>
</tbody>
</table>

10. **Remarks:**  

- Recommend Bond Release [ ]
- Do Not Recommend Bond Release. If not, give detailed reason why:

- Permit Expired [ ]  

- Inspectors Signature: [Signature]

11. **Violations:**  

   - CSL (002) [ ] Act 223 (003) [ ] Act 24 (004) [ ] Act 359 (005) [ ]

12. **Corrected on Site [ ]**  

13. **Refer to Correction/Assessment [ ]**
<table>
<thead>
<tr>
<th>Location</th>
<th>Y/N</th>
<th>Drilling</th>
<th>Y/N</th>
<th>Fluids Management</th>
<th>Y/N</th>
<th>Pipe Record</th>
<th>Size/Wt.</th>
<th>Depth</th>
<th>Amt./Type Material Behind Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. I.D. Sign (Act 223)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Distance Restr.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. E/S Contr. Adequate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Fire Prevention</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location/Description</th>
<th>Sample No.</th>
<th>491102</th>
<th>491103</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shovel Hogg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9) Driller's Log Information

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>B.</td>
<td>C.</td>
<td>D.</td>
</tr>
</tbody>
</table>

10) Sample No. 491102

11) Violations: [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 319 (005) [ ] Corrected on Site [ ] Referred for Correction/Assess

12) REMARKS:

CD RITZER & E. MATT SCHUMAKER OF COTTONWOOD AT WELL TOLD 6 SETS OF SAMPLES WERE TAKING AT WELL IS WORKING WELL. THEY RECALLED A SMALL SECTION OF HOLE AT MUD HOUSE THAT WAS DRILLING.

[ ] Recommend Bond Release
[ ] Do Not Recommend Bond Release. If not, give detailed reason why:

[ ] Permit Expired

13) Inspector's Signature: ___________________________ 06/2009
**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF ENVIRONMENTAL RESOURCES**  
**BUREAU OF OIL & GAS MANAGEMENT**  
**FIELD INSPECTION**

**LUMIS Input**  
**V:** I, P, /  
**SRF #**  
**Permit No.:** 111-20039  
**Project No.:**  
**Farms/Wells No.:**  
**County:** SOMERSET  
**Municipality:** STONEY CRICK  
**Watershed:**

1) **Type Operation:**  
- [X] Oil  
- [ ] Gas  
- [ ] Comb.  
- [ ] Disposal Well

2) **Type Inspection:**  
- [ ] Coal  
- [ ] Non-Coal  
- [ ] Active Mine  
- [ ] Conservation  
- [ ] General Environmental  
- [ ] Wetlands Obstruction  
- [ ] Road Spreading

3) **Operational Status:**  
- [ ] Staked(9)  
- [ ] Graded(9)  
- [ ] Rigging Up(9)  
- [ ] Drilling Started(1)  
- [ ] Deviation/Steer(1)  
- [ ] Drilling Temp. Suspended(1)  
- [ ] Logging(1)  
- [ ] Shooting(1)  
- [ ] Fracturing(1)  
- [ ] Drilling Compl.(4)  
- [ ] Not Drilled(9)  
- [ ] Operating(4)  
- [ ] Inactive(8)  
- [ ] Gas Storage(7)  
- [ ] Abandoned

<table>
<thead>
<tr>
<th>Location</th>
<th>Y/N</th>
<th>Fluids Management</th>
<th>Y/N</th>
<th>Pipe Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4) **Location Details:**  
- [X] Permitted
- [ ] 1-D. Sign (Act 223)
- [ ] Identification (359)
- [ ] Permitted on Site
- [ ] Distance Restrict.
- [ ] E/S Plan on Site
- [ ] Depth
- [ ] E/S Plan Implemented
- [ ] General/Other
- [ ] Encroachments
- [ ] Fire Prevention
- [ ] General
- [ ] E/S Contr. Adequate
- [ ] Encroachments
- [ ] Fire Prevention

5) **Drilling Details:**  
- [ ] Top Hole Water
- [ ] Drilling Fluids
- [ ] Fracturing Fluids
- [ ] Production Fluids
- [ ] Impoundment

6) **Fluids Management:**  
- [ ] Structurally
- [ ] Sound
- [ ] Impermeable
- [ ] Adequate
- [ ] Freeboard
- [ ] Chemical Storage
- [ ] Pollution Prevention
- [ ] Maintenance

7) **Pipe Record:**  
- [ ] Conductor
- [ ] Water String(6)
- [ ] Coal String(5)
- [ ] Intermediate
- [ ] Production
- [ ] Tubing
- [ ] Solid Coal
- [ ] Mined Out
- [ ] Shoe
- [ ] Packer
- [ ] Centralizers

8) **Size/Weight/Depth/Amt./Type Material Behind Pipe:**  
- [ ] Cement Return to Surface

9) **Driller's Log Information:**  
- [ ] Fresh Water
- [ ] Salt Water
- [ ] Coal
- [ ] Formations
  
<table>
<thead>
<tr>
<th>Fresh Water Amt./Depth</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Thick/Depth</th>
<th>Formations Oil/Depth Gas/Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10) **Sample No.:** 9511088
 **Location/Description:**  
- [ ] Shovel Holes in Woods

11) **Violations:**  
- [ ] CSL (002)
- [ ] Act 223 (003)
- [ ] Act 214 (004)
- [ ] Act 359 (005)
- [ ] Corrected on Site
- [ ] Referred for Correction/Assess

12) **Remarks:**  
- [ ] Recommend Bond Release
- [ ] Do Not Recommend Bond Release. If not, give detailed reason why:
- [ ] Permit Expired

13) **Inspector's Signature:**  
- [ ] Michael [Signature]

**Date:** 11-12-87  
**Time:** 10:00 AM  
**WATER:**

- [ ] EV (60)
- [ ] HQ (58)

[Handwritten text:]  
- [ ] Recommend Bond Release
- [ ] Do Not Recommend Bond Release. If not, give detailed reason why:
- [ ] Permit Expired
<table>
<thead>
<tr>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
</tr>
<tr>
<td>B. I.D. Sign (Act 223)</td>
</tr>
<tr>
<td>C. Well Tagged</td>
</tr>
<tr>
<td>D. Distance Restricted</td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
</tr>
<tr>
<td>H. E/S Contr. Adequate</td>
</tr>
<tr>
<td>I. Encroachments</td>
</tr>
<tr>
<td>J. Fire Prevention</td>
</tr>
<tr>
<td>K.</td>
</tr>
<tr>
<td>L.</td>
</tr>
<tr>
<td>M.</td>
</tr>
<tr>
<td>N.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fluids Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Top Hole Water</td>
</tr>
<tr>
<td>B. Drilling Fluids</td>
</tr>
<tr>
<td>C. Fracing Fluids</td>
</tr>
<tr>
<td>D. Production Fluids</td>
</tr>
<tr>
<td>E. Impoundments</td>
</tr>
<tr>
<td>F. 1. Structurally Sound</td>
</tr>
<tr>
<td>G. 2. Impermeable</td>
</tr>
<tr>
<td>H. 3. Adequate</td>
</tr>
<tr>
<td>I. Freeboard</td>
</tr>
<tr>
<td>J. Chemical Storage</td>
</tr>
<tr>
<td>K. Pollution Prevention</td>
</tr>
<tr>
<td>L.</td>
</tr>
<tr>
<td>M.</td>
</tr>
<tr>
<td>N.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pipe Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Conductor</td>
</tr>
<tr>
<td>B. Water String (6)</td>
</tr>
<tr>
<td>C. Coal String (5)</td>
</tr>
<tr>
<td>D. Intermediate</td>
</tr>
<tr>
<td>E. Production</td>
</tr>
<tr>
<td>F. Tubing</td>
</tr>
<tr>
<td>G. Solid Coal</td>
</tr>
<tr>
<td>H. Mined Out</td>
</tr>
<tr>
<td>I. Shoe</td>
</tr>
<tr>
<td>J. Packer</td>
</tr>
<tr>
<td>K. Centralizers</td>
</tr>
<tr>
<td>L.</td>
</tr>
<tr>
<td>M.</td>
</tr>
<tr>
<td>N.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEEP IN WOODS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Permits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSL (002)</td>
</tr>
<tr>
<td>Act 223 (003)</td>
</tr>
<tr>
<td>Act 214 (004)</td>
</tr>
<tr>
<td>Act 359 (005)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Corrected on Site</td>
</tr>
<tr>
<td>[ ] Recommended for Correction/Assessment</td>
</tr>
</tbody>
</table>

13) Inspector's Signature: [Signature]

[Date]: 06-07-97
**operator**

<table>
<thead>
<tr>
<th>ADDRESS</th>
</tr>
</thead>
</table>

**commonwealth of pennsylvania** department of environmental resources bureau of oil & gas management field inspection

**Contractor**

| DATE 10-14-87 | TIME 10:15 |

1) **Type Operation:** [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well

2) **Type Inspection:** [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental (52) [ ] Wetlands Obstruction (59) [ ] Road Spreading (56)

3) **Operational Status:** [ ] Staked (9) [ ] Graded (9) [ ] Rigging Up (9) [ ] Drilling Started (1) [ ] Deviation/Side-Track (1) [ ] Drilling Temp. Suspended (1) [ ] Logging (1)

4) **Location**

<table>
<thead>
<tr>
<th>Location</th>
<th>Y/N</th>
<th>5) Drilling</th>
<th>Y/N</th>
<th>7) Fluids Management</th>
<th>Y/N</th>
<th>8) Pipe Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td></td>
<td>A. Notification</td>
<td>A. Top Hole Water</td>
<td>A. Conductor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. L.D. Sign (Act 223)</td>
<td></td>
<td>B. Identification (359)</td>
<td>B. Drilling Fluids</td>
<td>B. Water String (6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td></td>
<td>C. Driller's Log</td>
<td>C. Fracing Fluids</td>
<td>C. Coal String (5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Distance Restrict.</td>
<td></td>
<td>C. Impoundments</td>
<td>D. Production Fluids</td>
<td>D. Intermediate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td></td>
<td>E. B.O.P.</td>
<td>E. Impoundments</td>
<td>E. Production</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
<td></td>
<td>F. Depth</td>
<td>F. Production</td>
<td>F. Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td></td>
<td>G. General/Other</td>
<td>G. Production</td>
<td>G. Solid Coal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Encroachments</td>
<td></td>
<td>B. Adequate</td>
<td>I. Production</td>
<td>I. Shoe</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Fire Prevention</td>
<td></td>
<td>C. Adequate</td>
<td>J. Production</td>
<td>J. Packer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td></td>
<td>D. Adequate</td>
<td>K. Production</td>
<td>K. Centralizers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td></td>
<td>E. Adequate</td>
<td>L. Production</td>
<td>L. Cement Return to Surface</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td></td>
<td>F. Adequate</td>
<td>M. Production</td>
<td>M.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td></td>
<td>G. Adequate</td>
<td>N. Production</td>
<td>N.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10) **Sample No.** 95/1076

11) **Location/Description**

| Sampled Site | Woods |

12) **Violations:** [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005)

| Corrected on Site | [ ] Referred for Correction/Assessment |

13) **Remarks:**

- NO PUMPS RUNNING. SYSTEM SHUT-DOWN FOR MAINTENANCE.

95/1076 - SAMPLED SOAP IN WOODS, OTHER SOAP DRY.

ABOUT 2 FT OF WATER W. HOLDING FLOOD.

MET NEW MONTAGNE.

**Inspector's Signature**

Michael P. Morgan 08-1-95
1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well  
2) Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental(52) [ ] Wetlands Obstruction(59) [ ] Road Spreading(56)  
3) Operational Status: [ ] Staked(9) [ ] Graded(9) [ ] Rigging Up(9) [ ] Drilling Started(1) [ ] Deviation/Side-Tract(1) [ ] Drilling Temp. Suspended(1) [ ] Logging(1) [ ] Logging(1) [ ] Shooting(1) [ ] Fracing(1) [ ] Drilling Compl.(4) [ ] Not Drilled(9) [ ] Operating(4) [ ] Inactive(8) [ ] Gas Storage(7) [ ] Abandoned

<table>
<thead>
<tr>
<th>Location</th>
<th>Drilling</th>
<th>Fluids Management</th>
<th>Pipe Record</th>
<th>Size/Wt.</th>
<th>Depth</th>
<th>Amt./Type Material Behind Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td>Y</td>
<td>N</td>
<td>A. Top Hole Water</td>
<td>A. Conductor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. I.D. Sign (Act 223)</td>
<td>Y</td>
<td>N</td>
<td>B. Drilling Fluids</td>
<td>B. Water String(6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td>Y</td>
<td>N</td>
<td>C. Fracing Fluids</td>
<td>C. Coal String(5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Distance Restrict.</td>
<td>N</td>
<td>N</td>
<td>D. Production Fluids</td>
<td>D. Intermediate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td>N</td>
<td>N</td>
<td>E. Impoundments</td>
<td>E. Production</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
<td>Y</td>
<td>N</td>
<td>F. Depth</td>
<td>F. Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td>Y</td>
<td>Y</td>
<td>G. General/Other</td>
<td>G. Solid Coal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Encroachments</td>
<td>N</td>
<td>Y</td>
<td>I. Adequate</td>
<td>I. Shoe</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Fire Prevention</td>
<td>N</td>
<td>N</td>
<td>J. Encroachments</td>
<td>J. Packer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td>N</td>
<td>N</td>
<td>K. Centralizers</td>
<td>K. Centralizers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td>N</td>
<td>N</td>
<td>L. Chemical Storage</td>
<td>L. Chemical Storage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td>N</td>
<td>N</td>
<td>M. Pollution Prevention</td>
<td>M. Pollution Prevention</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td>N</td>
<td>N</td>
<td>N.</td>
<td>N.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10) Sample No. 951074 | Location/Description: SHOVEL SOAP IN WOODS

9) Driller's Log Information

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>B.</td>
<td>C.</td>
<td>D.</td>
</tr>
</tbody>
</table>

11) Violations: [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005)  
[ ] Corrected on Site [ ] Referred for Correction/Accsessment

12) REMARKS:  
WE RECOMMEND AT SITE.  
DAMSON HAS NO OIL OR GAS, SO COFFINWOOD CAN'T PUMP UNTIL PERMIT IS TRANSFERED.  
COFFINWOOD DID SOME WORK ON PUMP TO MATCH A LEAKY LINE.  
NO PUMPS RUNNING. SYSTEM STOOG DOWN.  
SAMPLED 951074 AT SHOVEL SOAP & 951075 AT SHOVEL SOAP IN WOODS. SOAP SOAP  
IS DRY.

13) Inspector's Signature: [ ] Recommend Bond Release  
[ ] Do Not Recommend Bond Release. If not, give detailed reason why:

[ ] Permit Expire | Permit Issue Date: 9/5/11
<table>
<thead>
<tr>
<th>Location</th>
<th>Drilling</th>
<th>Fluids Management</th>
<th>Pipe Record</th>
<th>Size/WT.</th>
<th>Depth</th>
<th>Amt./Type Material Behind Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td></td>
<td>A. Notification</td>
<td>A. Top Hole Water</td>
<td>A. Conductor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. J.D. Sign (Act 223)</td>
<td></td>
<td>B. Identification (359)</td>
<td>B. Drilling Fluids</td>
<td>B. Water String (6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td></td>
<td>C. Permit on Site</td>
<td>C. Fracing Fluids</td>
<td>C. Coal String (5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Distance Restricted</td>
<td></td>
<td>D. Driller's Log</td>
<td>D. Production Fluids</td>
<td>D. Intermediate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td></td>
<td>E. B.O.P.</td>
<td>E. Impoundments</td>
<td>E. Production</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
<td></td>
<td>F. Depth</td>
<td>F. Structurally</td>
<td>F. Tubing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td></td>
<td>G. E/S Plan Adequate</td>
<td>G. Sound</td>
<td>G. Solid Coal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Encroachments</td>
<td></td>
<td>I. Adequate</td>
<td>I. Adequate</td>
<td>I. Shoe</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Fire Prevention</td>
<td></td>
<td>J. Freeboard</td>
<td>J. Freeboard</td>
<td>J. Backer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td></td>
<td>K. Chemical Storage</td>
<td>K. Centralizers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td></td>
<td>L. Pollution Prevention</td>
<td>L.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td></td>
<td>M.</td>
<td>M.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td></td>
<td>N.</td>
<td>N.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10) Sample No. Location/Description

961072 CHEEVAL SQ
961073 DEEP IN WOODS

11) Violations: [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005)

12) REMARKS:

ARRIVED ON SITE WITH KEV MARSHAL AND ED RITTER TO FIND PUMP IN PURCHASE LRNING. CHAIP SAYS "PUMP LEAKING" FOR 9-29-81 TO PUMP FOR 22 NS.
COTTONWOOD DID NOT SHUT DOWN OR DID NOT REPAIR PROBLEM. IT'S IN PURCHASE AREA
AND BUILDING GRAINS FOUND CLUES ACROSS PARKING LOT "WE WILL DO ALL THE REPAIRS AND GET IT OUT OF HERE." RITTER INSPECTED EQUIPMENT. PROBLEM KEV M. IMMEDIATELY SHUT DOWN ENSURING
I CONTRACTED ROH HOLMAN WHO STOPPED COTTONWOODS Haulage & Pumping Unit. M. TRANSFER 961072 AT SHOVEL SQ (SHOULD BE NEARLY PUMP BINS TASTAS GARDEN SQ.) 961073 AT DEEP IN WOODS (SHOULD SHIPS SHOVEL SQ). KEN CALLED PUMP TRUCK TO COME IMMEDIATELY TO PUMP OUT WOODS. DAMON WILL CONTINUE PUMP
SHOVEL TO CLEANUP & FUTURE PUMPING & WILL FOLLOW-UP WITH WRITTEN REPORT.

13) Inspector's Signature: [Signature]

OG-9551
1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspection: [ ] Goal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental(52) [ ] Wetlands Obstruction(59) [ ] Road Spreading(56)
3) Operational Status: [ ] Staked(9) [ ] Graded(9) [ ] Rigging (Up(9) [ ] Drilling Started(1) [ ] Deviation/Side-Tract(1) [ ] Drilling Temp. Suspended(1) [ ] Logging(1) [ ] Logging(1)
4) Location

<table>
<thead>
<tr>
<th>A.</th>
<th>B.</th>
<th>Drilling</th>
<th>Y</th>
<th>N</th>
<th>Fluids Management</th>
<th>Y</th>
<th>N</th>
<th>B.</th>
<th>Drilling Fluids</th>
<th>Y</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>B.</td>
<td>Notified</td>
<td>Y</td>
<td>N</td>
<td>A.</td>
<td>Y</td>
<td>N</td>
<td>B.</td>
<td>Notified</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>C.</td>
<td>D.</td>
<td>B.</td>
<td>Y</td>
<td>N</td>
<td>B.</td>
<td>Y</td>
<td>N</td>
<td>C.</td>
<td>B.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>E.</td>
<td>F.</td>
<td>C.</td>
<td>Y</td>
<td>N</td>
<td>C.</td>
<td>Y</td>
<td>N</td>
<td>D.</td>
<td>C.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>G.</td>
<td>H.</td>
<td>D.</td>
<td>Y</td>
<td>N</td>
<td>D.</td>
<td>Y</td>
<td>N</td>
<td>E.</td>
<td>D.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>I.</td>
<td>J.</td>
<td>E.</td>
<td>Y</td>
<td>N</td>
<td>E.</td>
<td>Y</td>
<td>N</td>
<td>F.</td>
<td>E.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>K.</td>
<td>L.</td>
<td>F.</td>
<td>Y</td>
<td>N</td>
<td>F.</td>
<td>Y</td>
<td>N</td>
<td>G.</td>
<td>F.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>M.</td>
<td>N.</td>
<td>G.</td>
<td>Y</td>
<td>N</td>
<td>G.</td>
<td>Y</td>
<td>N</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5) Location

<table>
<thead>
<tr>
<th>Y</th>
<th>B.</th>
<th>Drilling</th>
<th>Y</th>
<th>N</th>
<th>Fluids Management</th>
<th>Y</th>
<th>N</th>
<th>B.</th>
<th>Drilling Fluids</th>
<th>Y</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>B.</td>
<td>Notified</td>
<td>Y</td>
<td>N</td>
<td>A.</td>
<td>Y</td>
<td>N</td>
<td>B.</td>
<td>Notified</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>C.</td>
<td>D.</td>
<td>B.</td>
<td>Y</td>
<td>N</td>
<td>B.</td>
<td>Y</td>
<td>N</td>
<td>C.</td>
<td>B.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>E.</td>
<td>F.</td>
<td>C.</td>
<td>Y</td>
<td>N</td>
<td>C.</td>
<td>Y</td>
<td>N</td>
<td>D.</td>
<td>C.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>G.</td>
<td>H.</td>
<td>D.</td>
<td>Y</td>
<td>N</td>
<td>D.</td>
<td>Y</td>
<td>N</td>
<td>E.</td>
<td>D.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>I.</td>
<td>J.</td>
<td>E.</td>
<td>Y</td>
<td>N</td>
<td>E.</td>
<td>Y</td>
<td>N</td>
<td>F.</td>
<td>E.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>K.</td>
<td>L.</td>
<td>F.</td>
<td>Y</td>
<td>N</td>
<td>F.</td>
<td>Y</td>
<td>N</td>
<td>G.</td>
<td>F.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>M.</td>
<td>N.</td>
<td>G.</td>
<td>Y</td>
<td>N</td>
<td>G.</td>
<td>Y</td>
<td>N</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9) Driller's Log Information

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>B.</td>
<td>C.</td>
<td>D.</td>
</tr>
</tbody>
</table>

10) Sample No.

11) Violations: [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005)
[ ] Corrected on Site [ ] Referred for Correction/Assess

12) REMARKS:

- NO PUMPS RUNNING & NO TRUCKS DELIVERING BRINES WHILE I WAS ON SITE.
- ALSO COVER IS DIRTY. THIS IS FIRST TIME IN SEVERAL WEEKS THAT THE SOIL COVER HAS BEEN FLOWING (9/11/79). NO COVER 9/11/79 FROM SOIL IN WOODS.

13) Inspector's Signature

[Signature]
[Date: 9/11/79]
1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspections: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental(52) [ ] Wetlands Obstruction(59) [ ] Road Spreading(56)
3) Operational Status: [ ] Staked(9) [ ] Graded(9) [ ] Rigging Up(9) [ ] Drilling Started(1) [ ] Deviation/Side-Track(1) [ ] Drilling Temp. Suspended(1) [ ] Logging(1)
   [ ] Logging(1) [ ] Shooting(1) [ ] Frac(1) [ ] Drilling Compl.(4) [ ] Not Drilled(9) [ ] Operating(4) [ ] Inactive(8) [ ] Gas Storage(3) [ ] Abandoned

<table>
<thead>
<tr>
<th>4) Location</th>
<th>5) Drilling</th>
<th>7) Fluids Management</th>
<th>8) Pipe Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td>A. Notification</td>
<td>A. Top Hole Water</td>
<td>A. Conductor</td>
</tr>
<tr>
<td>B. I.D. Sign (Act 223)</td>
<td>B. Identification (359)</td>
<td>B. Drilling Fluids</td>
<td>B. Water String(6)</td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td>C. Permit on Site</td>
<td>C. Fracing Fluids</td>
<td>C. Coal String(5)</td>
</tr>
<tr>
<td>D. Distance Restrict.</td>
<td>D. Driller's Log</td>
<td>D. Production Fluids</td>
<td>D. Intermediate</td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td>E. B.O.P.</td>
<td>E. Impoundments</td>
<td>E. Production</td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
<td>F. Depth</td>
<td>1. Structurally Sound</td>
<td>F. Tubing</td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td>6) General/Other</td>
<td>2. Impermeable</td>
<td>G. Solid Coal</td>
</tr>
<tr>
<td>I. Encroachments</td>
<td>B.</td>
<td>Freeboard</td>
<td>I. Shoe</td>
</tr>
<tr>
<td>J. Fire Prevention</td>
<td>C.</td>
<td></td>
<td>J. Packer</td>
</tr>
<tr>
<td>K.</td>
<td>D.</td>
<td></td>
<td>K. Centralizers</td>
</tr>
<tr>
<td>L.</td>
<td>E.</td>
<td></td>
<td>L.</td>
</tr>
<tr>
<td>M.</td>
<td>F.</td>
<td></td>
<td>M.</td>
</tr>
<tr>
<td>N.</td>
<td>G.</td>
<td></td>
<td>N.</td>
</tr>
</tbody>
</table>

10) Sample No. 9611067 Location/Description Step 1/2 Woods

11) Violations: [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005) [ ] Corrected on Site [ ] Referred for Correction/Assess

12) REMARKS: KNOWN PROBLEM AT SITE. TOOK SAMPLE # 9611067 AT STEP IN WOODS. OTHER SNOW DRY. RAINING HEAVILY.

13) Inspector's Signature: Michael J. McLaughlin 061-303
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF OIL & GAS MANAGEMENT
FIELD INSPECTION

1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine
3) Conservation [ ] General Environmental [ ] Wetlands [ ] Road Spreading
4) Operational Status: [ ] Staked [ ] Graded [ ] Rigging Up [ ] Drilling Started [ ] Deviation [ ] Side-Track
5) Logging [ ] Shooting [ ] Fracing [ ] Drilling Completed [ ] Not Drilled
6) Pipe Record [ ] A.M.T. [ ] Size/Weight [ ] Depth [ ] Active [ ] Abandoned

Location
A. Permitted [ ] B. I.D. Sign (Act 223) [ ] C. Well Tagged [ ] D. Distance Restrict.
K. [ ] L. [ ] M. [ ] N.

Notices
A. Notification [ ] B. Identification (359) [ ] C. Permit on Site [ ] D. Driller's Log
E. B.O.P. [ ] F. Depth [ ] G. General/Other
H. Annulus Oen [ ] I. Freeboard [ ] J. Chemical Storage [ ] K. Pollution Prevention
L. [ ] M. [ ] N.

Fluids Management
A. Top Hole Water [ ] B. Drilling Fluids [ ] C. Fracing Fluids [ ] D. Production Fluids
E. Impoundments [ ] F. Structurally Sound [ ] 1. Impermeable
2. Adequate [ ] 3. Adequate
4. Freeboard [ ] 5. Chemical Storage
6. Pollution Prevention

Pipe Record
A. Conductor [ ] B. Water String (6) [ ] C. Coal String (5)
D. Intermediate [ ] E. Production [ ] F. Tubing [ ] G. Solid Coal
L. [ ] M. [ ] N.

Sample No. 95/1061

Cement Return to Surface

Sample
A. [ ] B. [ ] C. [ ] D. [ ] E. [ ]

Driller's Log Information

Fresh Water Salt Water Coal Formations
A. [ ] B. [ ] C. [ ] D. [ ] E. [ ]

Permit Expired Permit Issue Date [ ]

Inspector's Signature

In regards to the sample, it was taken at location 95/1061 at Site 95/1061 and other 500 feet away. The equipment was hooked up the same way as in previous visits overland line from holding tanks to permethrin. There were no pumps running at site. No water is visible coming out of the well. About 1 foot of water in slush pit, looks clean.
1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental [ ] Wetlands Obstruction [ ] Road Spreading
3) Operational Status: [ ] Staked [ ] Graded [ ] Rigging Up [ ] Drilling Started [ ] Deviation/Slide-Tract [ ] Drilling Temp. Suspended [ ] Logging
4) Location
   A. Permitted
   B. L.D. Sign (Act 223)
   C. Well Tagged
   D. Distance Restrict.
   E. E/S Plan on Site
   F. E/S Plan Implemented
   G. V/S Plan Adequate
   H. E/S Contr. Adequate
   I. Encroachments
   J. Fire Prevention
   K. L.
   M.
   N.
5) Drilling
   A. Notification
   B. Identification (359)
   C. Permit on Site
   D. Driller's Log
   E. B.O.P.
   F. Depth
   G. General/Other
   H. Annulus Oopen
   I. Adequate
   J. Freeboard
   K. Chemical Storage
   L. Pollution Prevention
   M.
   N.
6) Fluids Management
   A. Top Hole Water
   B. Drilling Fluids
   C. Fracking Fluids
   D. Production Fluids
   E. Impoundments
   1. Structurally
   2. Permeable
   3. Adequate
   F. Sound
   G. Solid Coal
   H. Mined Out
   I. Shoe
   J. Packer
   K. Centralizers
   L.
   M.
   N.
7) Pipe Record
   A. Conductor
   B. Water String
   C. Coal String
   D. Intermediate
   E. Production
   F. Tubing
   G. Solid Coal
   H. Mined Out
   I. Shoe
   J. Packer
   K. Centralizers
   L.
   M.
   N.
8) Size/WT. Depth
   Amt./Type Material Behind Pipe
9) Driller's Log Information
   Fresh Water
   Salt Water
   Coal
   Formations
   A.
   B.
   C.
   D.
   E.
10) Sample No. 9511060
11) Violations: [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005)
12) Remarks: [ ] Corrected on Site [ ] Referred for Correction/Assessment
13) Inspector's Signature

[ ] Recommend Bond Release
[ ] Do Not Recommend Bond Release. If not, give detailed reason why:

[ ] Permit Expired

[ ] Permit Issue Date

[ ] EV (60) [ ] HO (58)
1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental [ ] Wetlands Obstruction [ ] Road Spreading
3) Operational Status: [ ] Staked [ ] Graded [ ] Rigging Up [ ] Drilling Started [ ] Deviation [ ] Side-Track [ ] Drilling Temp. Suspended [ ] Logging [ ] Shooting [ ] Fracing [ ] Drilling Compl. [ ] Not Drilled [ ] Operating [ ] Inactive [ ] Gas Storage [ ] Abandoned

<table>
<thead>
<tr>
<th>Location</th>
<th>Y</th>
<th>X</th>
<th>Drilling</th>
<th>Y</th>
<th>N</th>
<th>Fluids Management</th>
<th>Y</th>
<th>N</th>
<th>Pipe Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. B.D. Sign (Act 223)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Distance Restrict.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. E/S Constr. Adequate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L. Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M. Fire Prevention</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4) Location | Y | X | Drilling | Y | N | Fluids Management | Y | N | Pipe Record |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. B.D. Sign (Act 223)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Distance Restrict.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. E/S Constr. Adequate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L. Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M. Fire Prevention</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5) Driller's Log Information

- Fresh Water
- Salt Water
- Coal
- Formations

6) Violations:

- CSL (002)
- Act 223 (003)
- Act 214 (004)
- Act 359 (005)

7) Corrected on Site

8) Referred for Correction/Assess

9) REMARKS:

- MET ALL MINES AT SITE.

- COLLECTED 05/11/05 AT SIT 7/20 IN WOODS. OTHER SUBS. DAY.

10) Sample No. 05/11/05 Location/Description: SIT 7/20 IN WOODS

11) Permit Expired

12) Permit Issue Date:

13) Inspector's Signature: [Signature]
1. Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2. Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental(52) [ ] Wetlands Obstruction(59) [ ] Road Spreading(56)
3. Operational Status: [ ] Staked(9) [ ] Graded(9) [ ] Rigging Up(9) [ ] Drilling Started(1) [ ] Deviation/Side-Tract(1) [ ] Drilling Temp. Suspended(1) [ ] Logging(1) [ ] Shooting(1) [ ] Fracking(1) [ ] Drilling Compl.(4) [ ] Not Drilled(9) [ ] Operating(4) [ ] Inactive(8) [ ] Gas Storage(7) [ ] Abandoned

<table>
<thead>
<tr>
<th>Location</th>
<th>Y N</th>
<th>5) Drilling</th>
<th>Y N</th>
<th>7) Fluids Management</th>
<th>Y N</th>
<th>8) Pipe Record</th>
<th>Size/WT.</th>
<th>Depth</th>
<th>Am't./Type Material Behind Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A. Conductor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. 1.D. Sign (Act 223)</td>
<td></td>
<td>A. Notification</td>
<td></td>
<td></td>
<td>A. Top Hole Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td></td>
<td>B. Identification (359)</td>
<td></td>
<td></td>
<td>B. Drilling Fluids</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Distance Restraint.</td>
<td></td>
<td>C. Permit on Site</td>
<td></td>
<td></td>
<td>C. Fracking Fluids</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td></td>
<td>D. Driller's Log</td>
<td></td>
<td></td>
<td>D. Production Fluids</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
<td></td>
<td>E. B.O.P.</td>
<td></td>
<td></td>
<td>E. Impondments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td></td>
<td>F. Depth</td>
<td></td>
<td>1. Structurally Sound</td>
<td>F. Production</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. E/S Contr. Adequate</td>
<td></td>
<td>G. General/Other</td>
<td></td>
<td>2. Impermeable</td>
<td>F. Tubing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Encroachments</td>
<td></td>
<td>A. Annuity Open</td>
<td></td>
<td>3. Adequate</td>
<td>G. Solid Coal</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Fire Prevention</td>
<td></td>
<td>B. Freeboard</td>
<td></td>
<td></td>
<td>H. Mined Out</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td></td>
<td>C.</td>
<td></td>
<td></td>
<td>I. Shoe</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td></td>
<td>D.</td>
<td></td>
<td></td>
<td>J. Packer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td></td>
<td>E.</td>
<td></td>
<td></td>
<td>K. Centralizers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td></td>
<td>F.</td>
<td></td>
<td></td>
<td>L. Chemical Storage</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O.</td>
<td></td>
<td>G.</td>
<td></td>
<td></td>
<td>M. Pollution Prevention</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.</td>
<td></td>
<td>H.</td>
<td></td>
<td></td>
<td>N.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10) Sample No. | Location/Description

11) Violations: [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005) [ ] Corrected on Site [ ] Referred for Correction/Assess

12) REMARKS: MIST BRAD STAFF AT SITE.

ALL SOILS DRY. NO SAMPLES COLLECTED.

9) Driller's Log Information

<table>
<thead>
<tr>
<th>Fresh Water Amt./Depth</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Thick/Depth</th>
<th>Oil/Depth Gas/Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>B.</td>
<td>C.</td>
<td>D.</td>
</tr>
</tbody>
</table>

13) Inspector's Signature: [Signature]

[ ] Recommend Bond Release
[ ] Do Not Recommend Bond Release. If not, give detailed reason why:

[ ] Permit Expired

Permit Issue Date ( )

OGL-951
Commonwealth of Pennsylvania
Department of Environmental Resources
Bureau of Oil & Gas Management
Field Inspection

Operator: Damson
Address:

Contractor:
Date: 8-6-87
Time: 11:00 A.M.

1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental (52) [ ] Wetlands Obstruction (59) [ ] Road Spreading (56)
3) Operational Status: [ ] Staked (9) [ ] Graded (9) [ ] Rigging Up (9) [ ] Drilling Started (1) [ ] Deviation/Section Side-Track (1) [ ] Drilling Temp. Suspended (1) [ ] Logging (1)
   [ ] Logging (1) [ ] Logging (1) [ ] Logging (1) [ ] Shooting (1) [ ] Fracking (1) [ ] Drilling Compl. (4) [ ] Not Drilled (9) [ ] Operating (4) [ ] Inactive (8) [ ] Gas Storage (7) [ ] Abandoned

4) Location:
   Y N 5) Drilling
   Y N 7) Fluids Management
   Y N 8) Pipe Record
   Size/WL Depth Amt./Type Material Behind Pipe
A. Permitted
B. I.D. Sign (Act 223)
C. Well Tagged
D. Distance Restrict.
E. E/S Plan on Site
F. E/S Plan Implemented
G. E/S Plan Adequate
H. E/S Contr. Adequate
I. Encroachments
J. Fire Prevention
K. L.
M.
N.

5) Location/Description: SEEP IN WOODS

10) Sample No. 9511056

9) Driller's Log Information
   Cement Return to Surface
   Yes No

Fresh Water
Salt Water
Coal
Formation

A. B. C. D. E.

11) Violations: [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005)
   [ ] Corrected on Site [ ] Referred for Correction/Assessment

12) Remarks:

   [ ] Permit Expired
   Permit Issue Date: 1-14-74

13) Inspector's Signature: Michael B. Wayman

   [ ] Recommend Bond Release
   [ ] Do Not Recommend Bond Release. If not, give detailed reason why:

   [ ] Permit Expired

   Permit Issue Date: 1-14-74
**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF ENVIRONMENTAL RESOURCES**  
**BUREAU OF OIL & GAS MANAGEMENT**  
**FIELD INSPECTION**

**LUMIS Input**
- Permit No. 507-20069
- Project No.
- Farm/Well No. 
- County
- Municipality
- Watershed

1) **Type Operation:** [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) **Type Inspection:** [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental [ ] Wetlands Obstruction [ ] Road Spreading [ ]
3) **Operational Status:** [ ] Staked(9) [ ] Graded(9) [ ] Rigging Up(9) [ ] Drilling Started(1) [ ] Deviation/Side-Tract(1) [ ] Drilling Temp. Suspended(1) [ ] Logging(1)
   [ ] Logging(1) [ ] Shooting(1) [ ] Fracing(1) [ ] Drilling Compl.(4) [ ] Not Drilled(9) [ ] Operating(4) [ ] Inactive(8) [ ] Gas Storage(7) [ ] Abandoned

<table>
<thead>
<tr>
<th>4) Location</th>
<th>5) Drilling</th>
<th>Y</th>
<th>N</th>
<th>7) Fluids Management</th>
<th>Y</th>
<th>N</th>
<th>8) Pipe Record</th>
<th>Size/Wt.</th>
<th>Depth</th>
<th>Amt./Type Material Behind Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Permitted</td>
<td>A. Notification</td>
<td>A. Top Hole Water</td>
<td>A. Condutor</td>
<td>AA.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. I.D. Sign (Act 223)</td>
<td>B. Identification (359)</td>
<td>B. Drilling Fluids</td>
<td>B. Water String(6)</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Well Tagged</td>
<td>C. Permit on Site</td>
<td>C. Fracing Fluids</td>
<td>C. Coal String(5)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Distance Restrict.</td>
<td>D. Driller's Log</td>
<td>D. Production Fluids</td>
<td>D. Intermediate</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. E/S Plan on Site</td>
<td>E. B.O.P.</td>
<td>E. Impoundments</td>
<td>E. Production</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. E/S Plan Implemented</td>
<td>F. Depth</td>
<td>1. Structurally Sound</td>
<td>F. Tubing</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. E/S Plan Adequate</td>
<td>G. General/Other</td>
<td>2. Impermeable</td>
<td>G. Solid Coal</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. E/S Contr. Adequate</td>
<td>A. Annulus Open</td>
<td>3. Adequate</td>
<td>H. Mined Out</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Encroachments</td>
<td>B.</td>
<td></td>
<td>I. Shoe</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Fire Prevention</td>
<td>C.</td>
<td></td>
<td>J. Packer</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td>D.</td>
<td></td>
<td>K. Centralizers</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td>E.</td>
<td></td>
<td>L. Cement Return to Surface</td>
<td>[ ]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td>F.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td>G.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10) **Sample No.** 951055  
Location/Description 500' IN WOODS

11) **Violations:** [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005)
[ ] Corrected on Site [ ] Corrected for Correction/Assessment

12) **Remarks:**

**UP KITTON & IT TOOK 951055 AT 500' IN WOODS.**

13) **Inspector's Signature:** [Signature]
**Date:** 06-15-97

---

**SF# 507-20069**
**Project No.**
**Farm/Well No.**
**County**
**Municipality**
**Watershed**

---

**SRF #**
**Permit Issue Date:** 06-15-97
**Permit Expires:**
---
1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental [ ] Wetlands Obstruction [ ] Road Spreading [ ] Operational Status: [ ] Staked [ ] Graded [ ] Rigging [ ] Drilling Started [ ] Deviation Side-Track [ ] Drilling Temp. Suspended [ ] Logging [ ] Shooting [ ] Fracing [ ] Drilling Compl. [ ] Not Drilled [ ] Operating [ ] Inactive [ ] Gas Storage [ ] Abandoned
4) Location Y N Y N Y N Y N 3) Fluids Management [ ] Top Hole Water [ ] Drilling Fluids [ ] Fracing Fluids [ ] Production Fluids [ ] Impoundments [ ] Sound [ ] Impermeable [ ] Adequate [ ] Freeboard [ ] Chemical Storage [ ] Pollution Prevention [ ] Nuisance
5) Drilling Y N Y N Y N Y N 3) Pipe Record [ ] Conductor [ ] Water String [ ] Coal String [ ] Intermediate [ ] Production [ ] Tubing [ ] Solid Coal [ ] Mixed Out [ ] Shoe [ ] Packer [ ] Centralizers
6) E/O Plan Adequate Y N Y N Y N Y N 3) Size/WT. Depth [ ] Structurally 1. [ ] Sound 2. [ ] Impermeable 3. [ ] Adequate 4. [ ] Freeboard 5. [ ] Chemical Storage 6. [ ] Pollution Prevention 7. [ ] Nuisance
7) Mat No. Location/Description 4911053 [ ] Deep in Woods
10) Sample No. 4911053 Location/Description [ ] Deep in Woods
9) Driller's Log Information Fresh Water Salt Water Coal Oil/Depth
A. [ ] Depth
B. [ ] Amt./Depth
C. [ ] Amt./Depth
D. [ ] Amt./Depth
E. [ ] Amt./Depth
F. [ ] Amt./Depth
G. [ ] Amt./Depth
H. [ ] Amt./Depth
I. [ ] Amt./Depth
J. [ ] Amt./Depth
K. [ ] Amt./Depth
L. [ ] Amt./Depth
M. [ ] Amt./Depth
N. [ ] Amt./Depth
11) Violations: [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005) [ ] Corrected on Site [ ] Referred for Correction/Assess
12) REMARKS: MET KON MOUTHHEAD AT SITE.
TOOK 4911053 AT 600' IN WOODS. OTHER SEEPS DRY.
- CHECKED PATCHES PUT ON LINER IN LINED POND. TOLD GOOD KON SAYS THAT AE GOING TO WAIT FOR NOW TO FILL IT UP (ABOUT 3').
13) Inspector's Signature: [Signature]
14) Formations
A. [ ] Recommend Bond Release
B. [ ] Do Not Recommend Bond Release. If not, give detailed reason why:
C. [ ] Permit Expired
D. [ ] Permit Issue Date: [Date]
E. [ ] Amt./Depth
F. [ ] Amt./Depth
G. [ ] Amt./Depth
H. [ ] Amt./Depth
I. [ ] Amt./Depth
J. [ ] Amt./Depth
K. [ ] Amt./Depth
L. [ ] Amt./Depth
M. [ ] Amt./Depth
N. [ ] Amt./Depth
**COMMONWEALTH OF PENNSYLVANIA**
**DEPARTMENT OF ENVIRONMENTAL RESOURCES**
**BUREAU OF OIL & GAS MANAGEMENT**
**FIELD INSPECTION**

1) **Type Operation:** [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) **Type Inspection:** [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation (4) General Environmental(52) [ ] Wetlands Obstruction(59) [ ] Road Spreading(56)
3) **Operational Status:** [ ] Staked(9) [ ] Graded(9) [ ] Rigg Up(9) [ ] Drilling Started(1) [ ] Deviation/Side-Tract(1) [ ] Drilling Temp. Suspended(1) [ ] Logging(1)
4) **Location:**
   - [ ] A. Permitted
   - [ ] B. Identified (Act 223)
   - [ ] C. Well Tagged
   - [ ] D. Distance Restrict.
   - [ ] E. Plan on Site
   - [ ] F. Plan Implemented
   - [ ] G. Plan Adequate
   - [ ] H. Contr. Adequate
   - [ ] I. Encroachments
   - [ ] J. Fire Prevention
   - [ ] K.
   - [ ] L.
   - [ ] M.
   - [ ] N.
5) **Drilling:**
   - [ ] A. Notification
   - [ ] B. Identification (359)
   - [ ] C. Permitted on Site
   - [ ] D. Driller's Log
   - [ ] E. B.O.P.
   - [ ] F. Depth
   - [ ] G. E.S Plan Adequate
   - [ ] H. E.S Plan Implement
   - [ ] I. Encroachments
   - [ ] J. Fire Prevention
   - [ ] K.
   - [ ] L.
   - [ ] M.
   - [ ] N.
6) **Fluids Management:**
   - [ ] A. Top Hole Water
   - [ ] B. Drilling Fluids
   - [ ] C. Fracing Fluids
   - [ ] D. Production Fluids
   - [ ] E. Impoundments
   - [ ] F. Chemical Storage
   - [ ] G. Pollution Prevention

7) **Pipe Record:**
   - [ ] A. Conductor
   - [ ] B. Water String(6)
   - [ ] C. Coal String(5)
   - [ ] D. Intermediate
   - [ ] E. Production
   - [ ] F. Tubing
   - [ ] G. Solid Coal
   - [ ] H. Mined Out
   - [ ] I. Shoe
   - [ ] J. Packer
   - [ ] K. Centralizers

8) **Size/WT. Depth:**
   - [ ] A. Cement Return

9) **Driller's Log Information:**
   - [ ] Fresh Water
   - [ ] Salt Water
   - [ ] Coal
   - [ ] Oil/Depth

10) **Sample No.:**
    - [ ] 9611042
    - [ ] 9611043

11) **Violations:**
    [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005) [ ] Corrected on Site [ ] Referred for Correction

12) **Remarks:**
    - **DAVE JANCZYK & I. MED. KING MIREHEAD AT SITE.**
      - MAN WAS THERE TO PATCH LINER.
    - TOOK 9611042 FROM 5500 SEQ & 9611043 FROM 5500 SEQ.

**LUMIS Input**
- Permit No. S0M-20059
- Project No.
- Farm/Well No.
- County
- Municipality
- Watershed
- [ ] EV (60) [ ] HQ (58)

13) **Inspector's Signature:**
    - [ ] Michael M. Maynard
    - [ ] OO1-952
1) Type Operation: [ ] Oil [ ] Gas [ ] Comb. [ ] Disposal Well
2) Type Inspection: [ ] Coal [ ] Non-Coal [ ] Active Mine [ ] Conservation [ ] General Environmental (52) [ ] Wetlands Obstruction (59) [ ] Road Spreading (56)
3) Operational Status: [ ] Staked (9) [ ] Graded (9) [ ] Rigging Up (9) [ ] Drilling Started (1) [ ] Deviation Side Tract (1) [ ] Drilling Temp. Suspended (1) [ ] Logging (1)
   [ ] Logging (1) [ ] Shooting (1) [ ] Fracing (1) [ ] Drilling Comp. (4) [ ] Not Drilled (9) [ ] Operating (4) [ ] Inactive (8) [ ] Gas Storage (7) [ ] Abandoned

4) Location
   A. Permitted
   B. I.D. Sign (Act 223)
   C. Well Tagged
   D. Distance Restrict.
   E. E/S Plan on Site
   F. E/S Plan Implemented
   G. E/S Plan Adequate
   H. E/S Contr. Adequate
   I. Encroachments
   J. Fire Prevention
   K. L.
   M.
   N.

5) Drilling
   A. Notification
   B. Identification (359)
   C. Permit on Site
   D. Driller's Log
   E. B.O.P.
   F. Depth
   G. E/S Plan Adequate
   H. A. Annulus Open
   I. Adequate
   J. Encroachments
   K. Freeboard
   L. Chemical Storage
   M. Pollution Prevention
   N.

7) Fluids Management
   A. Top Hole Water
   B. Drilling Fluids
   C. Fracing Fluids
   D. Production Fluids
   E. Impoundments
   1. Structurally
   2. Sound
   3. Impermeable
   A. Conductor
   B. Water String (6)
   C. Coal String (5)
   D. Intermediate
   E. Production
   F. Tubing
   G. Solid Coal
   H. Mined Out
   I. Shoe
   J. Packer
   K. Centralizers
   L.
   M.
   N.

8) Pipe Record
   A.

9) Driller's Log Information
   Fresh Water
   Salt Water
   Coal
   Formations

   A.
   B.
   C.
   D.
   E.

10) Sample No.
    Location/Description

11) Violations:
    [ ] CSL (002) [ ] Act 223 (003) [ ] Act 214 (004) [ ] Act 359 (005)
    [ ] Corrected on Site
    [ ] Referred for Correction/Assess

12) REMARKS:
    [ ] Recommend Bond Release
    [ ] Do Not Recommend Bond Release. If not, give detailed reason why:

13) Inspector's Signature
    [ ] Permit Expired
    Permit Issue Date ( / / )
    06-1-95
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF OIL AND GAS MANAGEMENT

INSPECTION REPORT

SRF #
Permit Reg No III-20059

Project No
Farm/Well No BRANT #1

County SOMERSET
Municipality STONEY CORN

Watershed EV (60) HQ (58)

Office: 400 WATERFRONT DR.

PITTSBURGH, PA 15222

Telephone: (412) 442-4600

Inspection Code:
[ ] Active Mine - 0 [ ] Coal - 1 [ ] Conservation Coal - 2 [ ] Conservation Non-Coal - 3 [ ] Non-Coal - 4
[ ] Staked/Graded/Drilling/Temp Suspended/Logging/Fracing - 1 [ ] Plugging - 2
[ ] Bond Release - 3 [ ] Operating - 4
[ ] Abandoned - 5 [ ] Orphan - 6 [ ] Gas Storage - 7 [ ] Inactive Status - 8 [ ] Not Drilled - 9 [ ] General Environmental - 52
[ ] NPDES - 53 [ ] Disposal Well - 55 [ ] Road Spreading - 56 [ ] Restoration - 62 [ ] Encroachment - 64

Operator COTTONWOOD OPERATING CORP.

Address 69 DELAWARE AVE

SUITE 200

BUFFALO, NY 14202-3578

Date 7-24-96

Location Info. Vect.

Depth

Annulus Open

Y N

Alternate Method

Cement Return

Recommending Bond Release

Permit Expired

Driller's Log Information

Permit Issue Date:

Date Drilling Commenced:

Pit Approval Number:

Encroachment Permit No.

NPDES Stormwater No.

Drilling / Plugging

Filler Material & Plugs

From To Size Pulled Left

Casing & Tubing

Remarks:

MET JAY MILLER ON SITE AND INSPECTED DISPOSAL WELL SITE.

ID SIGN IN PLACE. EGS OK. PUMPS WERE SHUT DOWN DUE TO TRIPPED
BREWING BUT JAY GOT THEM BACK ON LINE. DISCUSSED WELL OPERATION.
JAY PLANS TO CLEAN FE & FE BACTERIA OUT OF COLLECTION SUMP HOUSE.
FLOODING CAUSED SOME EROSION OF BANK ABOVE SUMP BUT IT HAS SINCE BEEN
GRADED SEEDED & MULCHED & IS PARTIALLY REVEGETATED. COLLECTED SAMPLES
FROM MON. WELL & SUMP IN WOODS. Gussman tank truck delivering brine.

Sample No(s).

9511376
9511377

Location/Description

MON. WELL
SUMP IN WOODS

Certified Mail No.

Date Mailed

Name MICHAEL MORGAN OGI-951

DER Rep

(PIA WEL OPERATING)

REGIONAL FILE

Page 1 of
## Inspection Report

### Inspector Information
- **Name:** Michael Margari
- **Address:** Department of Environmental Protection
  - 400 Waterfront Drive
  - Pittsburgh, PA 15222-4745

### Permit Information
- **Reg #:** 111-20058
- **County:** Somerset
- **Municipality:** Jenneir
- **Latitude:** 42° N
- **Longitude:** 87° W

### Location
- **Oper. Name:** Cottonwood Opdr.
- **Address:** 50 Fountain Plaza
  - Buffalo, NY 14202

### Inspection Code
- BDREL - Bond Release
- CEI - Compliance Evaluation
- DRAATL - Drilling or Alteration
- COMPL - Complaint Inspection
- FLWUP - Follow-up
- PLUG - Plugging
- RDSPR - Road Spreading
- RESTR - Site Restoration
- RTNC - Routine

### Inspection Findings

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td></td>
<td></td>
<td>Fresh Water Amt / Depth</td>
<td>Salt Water Amt / Depth</td>
</tr>
<tr>
<td>Well Tag</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/B Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/B Controls</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drilling-Plugging</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notification</td>
<td>Filling Material &amp; Plugs</td>
<td>From</td>
<td>To</td>
<td></td>
</tr>
<tr>
<td>B.O.P.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monument</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waste Mgmt.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top Hole Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluids Mgmt.</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impoundment/pit</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Prevent</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residual Waste</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Drilling/Plugging
- Casualty & Tubing
  - Size | Pulled | Left |
  - Compliance Assistance | Code | Code | Inspection Results | Code |
  - GOV NOVIO

### Remarks

ROUTING DISPOSAL WILL INSPECTION.

TANKS & EQUIPMENT AS NORMAL.

TAG & GFS OK. NO PUMPS RUNNING.

---

**Sample No.**

**Location / Description**

**DEP Rep:** [Signature]

**Date:** 3-6-09

**Time:**

[Checkboxes for DEP Office and Enforcement Records]
**Inspection Report**

**DEP Office:**
- Name: Michael Morgart
- Department: Environmental Protection
- Address: Southwest Regional Office
- Address: 400 Waterfront Drive
- City: Pittsburgh
- State: PA
- Zip: 15222-4745

**Permit or Reg #:** 111-20059

**Project #:**

**Farm Name & Well #:**
- Name: C. Brant
- Well: #1

**County:** SOMERSET

**Municipality:**

**Location:**
- Latitude: 42° N
- Longitude: 79° W

**Inspection Code:**
- BDREL - Bond Release
- CEI - Compliance Evaluation
- COMPL - Complaint Inspection

**Other:**
- Permit Expired
- Alt Meth.
- Annulus Open
- Cement Returns
- Recommend Bond Release

### Test Driller's Log Information

<table>
<thead>
<tr>
<th>Location</th>
<th>Inspe.</th>
<th>Violation</th>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Amt / Depth</td>
<td>Amt / Depth</td>
<td>Thickness / Depth</td>
<td>Oil / Depth</td>
</tr>
</tbody>
</table>

### Drilling/Plugging

- Filling Material & Plugs
- From | To |
- Size | Pulled | Left |

### Casing & Tubing

- Inspection Results
- Code: NOV10

### Remarks:
- ROUTING DISPOSAL WELL INSPECTION.
- TANKS & EQUIP. AS NORMAL. NO PUMPS RUNNING.
- NO ONE ON SITE.

**Sample No.**
- Location / Description
- DEP Rep.
  - Signature: [Signature]
  - Print Name: Michael Morgart

**Date:** 12-26-08
**Time:**

**File Indicators:**
- White - Regional File
- Yellow - Operator
- Pink - Inspector
- Goldenrod - Company File
# INSPECTION REPORT

**Location**: COTTONWOOD OPER.  
**Address**: 60 FOUNTAIN PLAZA SUITE 1220  
**City**: BUFFALO, NY 14202

**Latitude**: 0° 0' 0" N  
**Longitude**: 0° 0' 0" W

## Inspection Code

- [ ] BDREL - Bond Release
- [ ] CEI - Compliance Evaluation
- [ ] COMPL - Complaint Inspection
- [ ] DRALT - Drilling or Alteration
- [ ] FLWUP - Follow-up
- [ ] PLUG - Plugging
- [ ] RDSPR - Road Spreading
- [ ] RESTR - Site Restoration
- [ ] RTNC - Routine

**Other**: Permit Expired, All/Meth., Annulus Open, Cement Returns, Recommend Bond Release

## Driller's Log Information

<table>
<thead>
<tr>
<th>Line</th>
<th>Location</th>
<th>Inspect</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Site ID Sign</td>
<td></td>
<td></td>
<td>Fresh Water Amt / Depth</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Well Tag</td>
<td></td>
<td></td>
<td>Salt Water Amt / Depth</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td>Coal Thickness / Depth</td>
<td></td>
</tr>
<tr>
<td></td>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
<td>Oil / Depth</td>
<td></td>
</tr>
<tr>
<td></td>
<td>E/S Controls</td>
<td></td>
<td></td>
<td>Gas / Depth</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Drilling / Plugging

- Notification
- B.O.P
- Casing
- Monument
- Waste Mgmt.
- Top Hole Water
- Fluids Mgmt.
- Impoundment/pit
- Pollution Prevent
- Residual Waste

## Casing & Tubing

<table>
<thead>
<tr>
<th>Line</th>
<th>Location</th>
<th>Inspect</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Casing</td>
<td></td>
<td></td>
<td>Filling Material &amp; Plugs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Size</td>
<td></td>
<td></td>
<td>From</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pulled</td>
<td></td>
<td></td>
<td>To</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Left</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Compliance Assistance

- Code: Code  

## Remarks:

ROUTING DISPOSAL WELL INSPECTION  

design in place, easy OK.  
tanks & equipment as normal.  
No one onsite.

---

**Sample No.**  
**Location / Description**  
**DEP Report**  
**Date:** 6-13-08

**Signatures**:

- [Signature]
- [Print Name]  

**Page 1 of** 1
**COMMONWEALTH OF PENNSYLVANIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**OIL AND GAS MANAGEMENT PROGRAM**

**INSPECTION REPORT**

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>Permit or Reg #</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEP</td>
<td>111-20059</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>660 Waterford Dr</td>
<td>1234567</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oper Name</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>COTTONWOOD OPER.</td>
<td>SOMERSET</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Address</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 FOUNTAIN PLAZA, SUITE 1230</td>
<td>40°00'00&quot; N</td>
<td>80°00'00&quot; W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inspection Code</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDREL - Bond Release</td>
<td>Permit Expired</td>
</tr>
<tr>
<td>DRALT - Drilling or Alteration</td>
<td>Alt/Meth.</td>
</tr>
<tr>
<td>ROISP - Road Spreading</td>
<td>Annulus Open</td>
</tr>
<tr>
<td>COMPL - Complaint Inspection</td>
<td>Cement Returns</td>
</tr>
<tr>
<td>PLUG - Plugging</td>
<td>Recommend Bond Release</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td></td>
<td></td>
<td>Fresh Water</td>
<td>Salt Water</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Amt / Depth</td>
<td>Amt / Depth</td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drilling / Plugging</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notification</td>
<td>Filling Material &amp; Plugs</td>
</tr>
<tr>
<td>B.O.P</td>
<td>Size</td>
</tr>
<tr>
<td>Casing</td>
<td></td>
</tr>
<tr>
<td>Monument</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste Mgmt.</th>
<th>Top Hole Water</th>
<th>Fluids Mgmt</th>
<th>Impoundment/put</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compliance Assistance</td>
<td>Code</td>
<td>Code</td>
<td>Inspection Results</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**

ROUTING DISPOSAL WELL INSPECTION.
NO ONE ON SITE. NO PUMPS RUNNING.
FACILITY AS NORMAL. ID SIGN IN PLACE.
TANKS + GAS OK.

**Sample No.**

**Location / Description**

**DEP Rep.:**

**Date:**

**Time:**
## Inspection Report

### Oper Name: Cottonwood Coop.
### Address: 50 Fountain Plaza Suite 1220 Buffalo, NY 14202

### Inspection Code:
- BDREL - Bond Release
- CEI - Compliance Evaluation
- COMPL - Complaint Inspection
- DRALT - Drilling or Alteration
- FLWUP - Follow-up
- PLUG - Plugging
- RDSPR - Road Spreading
- RESTR - Site Restoration
- RTNC - Routine

### Remarks:
**ROUTINE DISPOSAL WELL INSPECTION. TANKS & EQUIPMENT AS NORMAL. PUMP OPERATING. ID SIGN & 875 OIL TANKERS IN YARD. MILLER OUTSIDE.**

### Sample No. | Location / Description | DEP Rep: Michael Margar
|                |                        | Date: 11-30-07

---

- **White** - Regional File
- **Yellow** - Operator
- **Pink** - Inspector
- **Goldenrod** - Company File
**INFORMATION REPORT**

**DEP Office:** Department of Environmental Protection  
**Address:** 400 Waterfront Drive  
**Phone:**  
**Permit or Reg #:** 11-2005  
**Project #:**  
**Farm Name & Well #:** BRANT S.W.D.W.  
**County:** SOMERSET  
**Municipality:** STONY CREEK  
**Latitude:**  
**Longitude:**  

**Inspection Code:**  
- BDREL - Bond Release  
- CEI - Compliance Evaluation  
- DRALT - Drilling or Alteration  
- DRSPR - Road Spreading  
- PLWUP - Follow-up  
- RTNC - Routine  
- PLUG - Plugging  
- RESTR - Site Restoration  

**Other:**  
- Permit Expired  
- Alt/Meth.  
- Annulus Open  
- Cement Returns  
- Recommend Bond Release  

<table>
<thead>
<tr>
<th>Location</th>
<th>Ins.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>¥</td>
<td></td>
<td>Fresh Water Amt / Depth</td>
<td>Salt Water Amt / Depth</td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td>Coal Thickness / Depth</td>
<td>Formations Oil / Depth Gas / Depth</td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td>¥</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling / Plugging**

<table>
<thead>
<tr>
<th>Notification</th>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.O.P.</td>
<td></td>
<td></td>
<td></td>
<td>Size</td>
</tr>
<tr>
<td>Casing</td>
<td></td>
<td></td>
<td></td>
<td>Pulled</td>
</tr>
<tr>
<td>Monument</td>
<td></td>
<td></td>
<td></td>
<td>Left</td>
</tr>
</tbody>
</table>

**Waste Mgmt.**

<table>
<thead>
<tr>
<th>Top Hole Water</th>
<th>Fluids Mgmt.</th>
<th>Impoundment/pit</th>
<th>Pollution Prevent</th>
<th>Residual Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Compliance Assistance Code**

<table>
<thead>
<tr>
<th>Compliance Results Code</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**

ROUTING DISPOSAL WELL INSPECTION:  
ID SIGN & E/S PLAN ON SITE. TANKS & EQUIPMENT AS NORMAL. PUMP OPERATING. NO ONE ON SITE.

**Sample No.**

<table>
<thead>
<tr>
<th>Location / Description</th>
<th>DEP Rep.:</th>
<th>Date:</th>
<th>Time:</th>
</tr>
</thead>
</table>

**Signature:** M. MORGAN  
**Print Name:** M. MORGAN

**Box Options:**  
- [ ] White – Regional File  
- [ ] Yellow - Operator  
- [ ] Pink - Inspector  
- [ ] Goldenrod - Company File
## COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

### INSPECTION REPORT

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>400 WATERFRONT DR.</th>
<th>Phone</th>
<th>Permit or Reg #</th>
<th>111-20059</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>PITTSBURGH, PA 15222</td>
<td></td>
<td>Project #</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oper. Name</td>
<td>COTTONWOOD OPER. CORP.</td>
<td></td>
<td>Farm Name &amp; Well #</td>
<td>GRANT S.W.D.W.</td>
</tr>
<tr>
<td>Address</td>
<td></td>
<td></td>
<td>County</td>
<td>SOMERSET</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Municipality</td>
<td>STONY ORCHARD</td>
</tr>
</tbody>
</table>

| Latitude: | 0° 0' 0" N |
| Longitude: | 0° 0' 0" W |

### Inspection Code:
- [ ] BDREL - Bond Release
- [ ] CEI - Compliance Evaluation
- [ ] COMPL - Complaint Inspection
- [ ] DRALT - Drilling or Alteration
- [ ] FLWUP - Follow-up
- [ ] PLUG - Plugging
- [ ] RDSPR - Road Spreading
- [ ] RESTR - Site Restoration
- [ ] RTNC - Routine

### Inspection Details:

#### Location
- [ ] Site ID Sign
- [X] Well Tag
- [ ] Distance Restrict
- [ ] E/S Plan on Site
- [ ] E/S Controls
- [ ] Encroachments
- [ ] Site Restoration

#### Drilling-Plugging
- [ ] Drilling / Plugging
- [ ] Filling Material & Plugs
- [ ] From
- [ ] To
- [ ] Casing & Tubing

#### Waste Mgmt.
- [ ] Top Hole Water
- [ ] Fluids Mgmt
- [ ] Impoundment / Pit
- [ ] Pollution Prevent
- [ ] Residual Waste

#### Compliance Assistance
- [ ] Code
- [ ] Code
- [ ] Inspection
- [ ] Results
- [ ] Code: NOVI 0

### Remarks:
- ROUTING DISPOSAL WELD INSPECTION.
- JAMES & EQUIPMENT AS NORMAL.
- ID SIGN & EAS OK.
- NO ONE ON SITE, NO PUMPS RUNNING.

### Sample No.
- [ ] Location / Description

### DEP Rep:
- [ ] (signature)
- [ ] (print name)

### Date:
- [ ] 8-22-06

### Page 1 of 1
- [ ] White - Regional File
- [ ] Yellow - Operator
- [ ] Pink - Inspector
- [ ] Goldenrod - Company File
COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS MANAGEMENT PROGRAM

INSPECTION REPORT

DEP Office: Department of Environmental Protection  
Address: Southwest Regional Office  
400 Waterfront Drive  
Pittsburgh PA 15222-4745

Oper Name: COTTONWOOD OPERATING CO.  
Address: 50 FOUNTAIN PLAZA  
SUITE 1220  
BUFFALO, NY 14207

Permit or Reg. #: 111-20059

County: SOMERSET  
Municipality: STONEY CREEK

Latitude: ° 14' 4'' N  
Longitude: ° 97' 39'' W

Inspection Code:  
- BDREL - Bond Release  
- CEI - Compliance Evaluation  
- COMPL - Complaint Inspection  
- DRALT - Drilling or Alteration  
- FLWUP - Follow-up  
- PLUG - Plugging  
- RDSPR - Road Spreading  
- RESTR - Site Restoration  
- RTNC - Routine

Other:  
- Permit Expired  
- Alt/Meth.  
- Annulus Open  
- Cement Returns  
- Recommend Bond Release  

Location  
- Site ID Sign  
- Well Tag

Driller's Log Information  
- Fresh Water Amt / Depth  
- Salt Water Amt / Depth  
- Coal Thickness / Depth  
- Oil / Depth  
- Gas / Depth

Drilling / Plugging  
- Notification  
- B.O.P.  
- Casing  
- Monument  
- Waste Mgmt.  
- Top Hole Water  
- Fields Mgmt.  
- Impoundment/pit  
- Pollution Prevent.

Casing & Tubing  
- Filling Material & Plugs  
- From  
- To  
- Size  
- Pulled  
- Left

Compliance Assistance:  
- Code:  
- Code:  
- Inspection Results:  
- Code: NOV/0

Remarks: 
ROUTING DISPOSAL WELL INSPECTION.  
NO PUMPS RUNNING. TANKS & EQUIPMENT AS NORMAL.

ID SIGN & CAS OK.

NOTE: LINE FROM TANK CLOSEST TO PUMP HOUSE IS DRIPPING PREP.  
FLUID SHOULD BE REPAIRED A.S.A.P. TO AVOID NOV.

Sample No.  
- Location / Description

Sample Type:  
- White - Regional File  
- Yellow - Operator  
- Pink - Inspector  
- Goldenrod - Company File

Date: 6-19-07  
Time:

Page 1 of
### COMMONWEALTH OF PENNSYLVANIA
#### DEPARTMENT OF ENVIRONMENTAL PROTECTION
##### OIL AND GAS MANAGEMENT PROGRAM

#### INSPECTION REPORT

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>Michael Morgart</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Department of Environmental Protection</td>
</tr>
<tr>
<td></td>
<td>Southwest Regional Office</td>
</tr>
<tr>
<td></td>
<td>460 Waterfront Ave</td>
</tr>
<tr>
<td></td>
<td>Pittsburgh PA 15222-4745</td>
</tr>
<tr>
<td>Phone</td>
<td>Permit or Reg. #</td>
</tr>
<tr>
<td>Farmer Name &amp; Well</td>
<td>BRAUN S.W.O.</td>
</tr>
<tr>
<td>County</td>
<td>SOMERSET</td>
</tr>
<tr>
<td>Municipality</td>
<td>STONY CREEK</td>
</tr>
<tr>
<td>Latitude</td>
<td>o</td>
</tr>
<tr>
<td>Longitude</td>
<td>o</td>
</tr>
</tbody>
</table>

#### Inspection Code:
- [ ] BDREL - Bond Release
- [ ] CEI - Compliance Evaluation
- [ ] DRALT - Drilling or Alteration
- [ ] FLOWP - Follow-up
- [ ] COMPL - Complaint Inspection
- [ ] PLUG - Plugging
- [ ] RDSPR - Road Spreading
- [ ] RESTR - Site Restoration
- [ ] RTNC - Routine

#### Location

<table>
<thead>
<tr>
<th>Location</th>
<th>Ins.</th>
<th>Violation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restect</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Driller's Log Information

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Oil</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt / Depth</td>
<td>Amt / Depth</td>
<td>Thickness / Depth</td>
<td>Depth</td>
<td></td>
</tr>
</tbody>
</table>

#### Drilling / Plugging

- [ ] Filing Material & Plugs
- [ ] From | To

#### Casing & Tubing

- [ ] Size | Pulled | Left

#### Waste Mgmt.

<table>
<thead>
<tr>
<th>Top Hole Water</th>
<th>Fluids Mgmt</th>
<th>Impoundment/plt</th>
<th>Pollution Prevent</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Remarks:

ROUTING DISPOSAL WELL INSPECTION. ID SIGN IN PLACE. SITE SNOW COVERED BUT NO APPARENT G&G PROBLEMS. TANKS & EQUIPMENT AS NORMAL. NO PUMPS OPERATING.

#### Sample No.

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Location / Description</th>
<th>DEP Rep:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>2/23/07</td>
</tr>
</tbody>
</table>

#### Notes:

- [ ] White - Regional File
- [ ] Yellow - Operator
- [ ] Pink - Inspector
- [ ] Goldenrod - Company File
## Inspection Report

**DEP Office:** Michael Morgan  
**Address:** Southwest Regional Office  
**Phone:**  
**Permit or Reg #:** 111-20059  
**Project #:**  
**Farm Name:** GRANT H1 SWD  
**Project #:**  
**County:** SOMERSET  
**Municipality:**  
**Latitude:** 0° N  
**Longitude:** 0° W  
**Inspection Code:**  
**Other:** Permit Expired  
**Alt/Meth.**  
**Annulus Open**  
**Cement Returns**  
**Cement Returns:**  
**Recommend Bond Release**  

### Location

<table>
<thead>
<tr>
<th>Location</th>
<th>Inspection</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>S &amp; O ID Sign</td>
<td>Yes</td>
<td></td>
<td>Fresh Water Amt / Depth</td>
<td>Salt Water Amt / Depth</td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Drilling-Plugging

<table>
<thead>
<tr>
<th>Notification</th>
<th>B.O.P.</th>
<th>Casing</th>
<th>Monument</th>
</tr>
</thead>
</table>

### Waste Mgmt.

<table>
<thead>
<tr>
<th>Top Hole Water</th>
<th>Fluids Mgmt</th>
<th>Impoundment/Runoff</th>
<th>Pollution Prevent</th>
<th>Residual Waste</th>
</tr>
</thead>
</table>

### Compliance Assistance

<table>
<thead>
<tr>
<th>Code</th>
<th>Code</th>
</tr>
</thead>
</table>

### Casing & Tubing

<table>
<thead>
<tr>
<th>Casing &amp; Tubing</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
</table>

### Remarks:

ROUTING DISPOSAL WELL INSPECTION.  
TAG, TANKS & DRYER, EQUIPMENT AS NORMAL.  
PUMP OPERATING, NO OIL ON SITE.

### Sample Results

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Location / Description</th>
<th>DEP Rep:</th>
</tr>
</thead>
</table>

Date: 12-1-06  
Time: 

[Checkboxes:
- White – Regional File  
- Yellow – Operator  
- Pink – Inspector  
- Goldenrod – Company File]
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

INSPECTION REPORT

DEP Office
Mike Morgan
Department of Environmental Protection
Southern Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222-4745

Opér Name: COTTONWOOD OPER.
Address: 50 Fountain Plaza
City: BUFFALO, NY 14202

Permit or Reg. #: 111-20059
County: SOMERSET
Municipality: STANLEY CREEK

Latitude: 0° 0' 0" N
Longitude: 0° 0' 0" W

Inspection Code:
- BDREL - Bond Release
- CEI - Compliance Evaluation
- COMPL - Complaint Inspection
- DRALT - Drilling or Alteration
- PLWUP - Follow-up
- PLUG - Plugging
- RDSRP - Road Spreading
- RESTR - Site Restoration
- RTNC - Routine

Other:
- Permit Expired
- Alt/Meth.
- Annulus Open
- Cement Returns
- Recommend Bond Release

Location

- Site ID Sign
- Well Tag: X
- Distance Restriction
- E/S Plan on Site
- E/S Controls: X
- Encroachments
- Site Restoration

Drilling-Plugging

- Notification
- B.O.P.
- Casing
- Monument

- Waste Mgmt.
- Top Hole Water
- Fluids Mgmt.: Y
- Impoundment/Pit
- Pollution Prevent
- Residual Waste

Driller's Log Information

- Fresh Water Amt / Depth
- Salt Water Amt / Depth
- Coal Thickness / Depth
- Formations Oil / Depth Gas / Depth

Casing & Tubing

- Filling Material & Plugs
- From To
- Size Pulled Left

Compliance Assistance Code

Inspection Results Code: NOVI0

Remarks:

ROUTING DISPOSAL WELL INSPECTION.

TANKS & EQUIPMENT AS NORMAL. ID SIGN + GPS ON.

NO PUMPS OPERATING.

Sample No.

Location / Description

DEP Rep: Michael Morgan

Date: 5-28-06

Time:

Page 1 of 1
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

INSPECTION REPORT

DEP Office: 400 WATERFRONT Dr.
Phone: Permit or Req #: 111-20059
Address: PITTSBURGH, PA 15222
Proj #:

Oper Name: COTTONWOOD OP. COOP.
Address: 50 FOUNTAIN PLAZA
Ste 1220
BUFFALO, NY 14202

County: SOMERSET
Municipality: STONY CREEK
Latitude: 0° N
Longitude: 0° W

Inspection Code: CEI - Compliance Evaluation

Other: Permit Expired

Location: Site ID Sign

Well Tag

Distance Restrict

E/S Plan on Site

E/S Controls

Encroachments

Site Restoration

Drilling - Plugging

Notification

B.O.P.

Casing

Monument

Waste Mgmt.

Top Holes Water

Fluids Mgmt

Impoundment / Pit

Pollution Prevent

Residual Waste

Compliance Assistance

Code

Code

Inspection Results

Code: NOV10

Remarks:

DISPOSAL WELL INSPECTION - NO PUMP RUNNING.

ID SIGN IN PLACE. TANKS & EQUIPMENT AS NOTED.

SITE SNOW COVERED BUT NO APPARENT E/S PROBLEMS.

Sample No.

Location / Description

DEP Report

(Date)

Signature

(Print Name)

Date: 1-27-06

Time:

☐ White - Regional File
☐ Yellow - Operator
☐ Pink - Inspector
☐ Goldenrod - Company File

Page 1 of 1
**INSPECTION REPORT**

**DEP Office:** 400 WATERFRONT DR.  
**Address:** PITTSBURGH, PA 15222

**Oper Name:** COTTONWOOD OPER.  
**Address:** 50 FOUNTAIN PLAZA  
**STE 1200**  
**BUFFALO, NY. 14207**

**Permit or Reg. #:** 11-20059  
**Latitude:** 0° N  
**Longitude:** 0° W

**Code:**
- [ ] BDREL - Bond Release
- [ ] CEI - Compliance Evaluation
- [ ] COMPL - Complaint Inspection
- [ ] DRALT - Drilling or Alteration
- [ ] FLWUP - Follow-up
- [ ] PLUG - Plugging
- [x] RDSPR - Road Spreading
- [x] RESTR - Site Restoration
- [x] RTNC - Routine

**Location**
- [ ] Site ID Sign
- [x] Well Tag
- [ ] Distance Restrict
- [ ] E/S Plan on Site
- [ ] E/S Controls
- [ ] Encroachments
- [ ] Site Restoration

**Drilling/Plugging**
- [ ] Noticent
- [ ] B.O.P.
- [ ] Casing
- [ ] Monument

**Waste Mgmt.**
- [ ] Top Hole Water
- [x] Fluids Mgmt.
- [ ] Impoundment
- [ ] Pollution Prevent
- [ ] Residual Waste

**Other**
- [ ] Permit Expired
- [ ] All/Meth.
- [ ] Annulus Open
- [ ] Cement Returns
- [x] Recommend Bond Release

**Violation**

**Driller's Log:**
- [ ] Fresh Water
- [ ] Salt Water
- [ ] Coal
- [ ] Formations

**Depth:**
- [ ] Amt / Depth
- [ ] Amt / Depth
- [ ] Thickness / Depth
- [ ] Oil / Depth
- [ ] Gas / Depth

**Drilling/Plugging**
- [ ] Filling Material & Plugs
- [ ] From
- [ ] To
- [ ] Size
- [ ] Pulled
- [ ] Left

**Remarks:**

*DISPOSAL WELL INSPECTION. NO ONGOING.*
*NO PUMPS OPERATING, TANKS & EQUIPMENT AS NOMIC.*
*ID SIGN & GPS OK.*

**Sample No.**

**Location/Description**

**DEP Rep.**

**Date:** 10-31-05  
**Time:**

**Signature:**

**Print Name:**

---

**White - Regional File**  
**Yellow - Operator**  
**Pink - Inspector**  
**Goldenrod - Company File**
**INSPECTION REPORT**

**DEP Office:** 400 WINTERTOWN DR.
**Address:** PITTSBURGH, PA 15222

**Oper Name:** COTTONWOOD OPER.
**Address:** 50 FOUNTAIN PLAZA
**STE. 1220**
**BUFFALO, NY 14202**

**Farm Name & Well #:** BRANT S.W.O.W.
**County:** SOMERSET
**Municipality:** STONEY CREEK

**Permit or Reg #:** NL-20059
**Latitude:** o ' ' N
**Longitude:** o ' ' W

**Inspection Code:**
- [ ] BDREL - Bond Release
- [ ] CEI - Compliance Evaluation
- [ ] COMPL - Compliant Inspection
- [ ] FLWUP - Follow-up
- [ ] PLUG - Plugging
- [ ] RTNC - Routine
- [ ] DRALT - Drilling or Alteration
- [ ] RDSPR - Road Spreading
- [ ] RESTR - Site Restoration

**Location**

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Driller's Log Information**

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt / Depth</td>
<td>Amt / Depth</td>
<td>Thickness / Depth</td>
<td>Oil / Depth</td>
</tr>
</tbody>
</table>

**Drilling / Plugging**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
</table>

**Casing & Tubing**

<table>
<thead>
<tr>
<th>Compliance Assistance</th>
<th>Code</th>
<th>Code</th>
<th>Inspection Results</th>
<th>Code</th>
</tr>
</thead>
</table>

**Remarks:**

ROUTINE DISPOSAL WELL INSPECTION. NO ONE ON SITE. NO PUMP RUNNING.
TANKS & EQUIPMENT AS NORMAL. GTS OK. ID SIGN IN PLACE.

**Sample No.**
**Location / Description**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Location / Description</th>
<th>DEP Rep.</th>
<th>Date: 8-18-05</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Time:**

Regional File Copy
**INSPECTION REPORT**

**DEP Office:** Department of Environmental Protection  
**Address:** 400 Waterfront Drive  
**Pittsburgh PA 15222-4745**

**Permit or Reg #:** 111-20059  
**Project #:**

**Operator:** COTTONWOOD OPERATING  
**Address:** 50 Fountain Plaza  
**BUFFALO, NY 14202**

**County:** SOMERSET  
**Municipality:** ST ORY OR OY

**Location:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Inspect</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>Y</td>
<td></td>
<td>Fresh Water</td>
<td>Salt Water</td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td>Amt / Depth</td>
<td>Amt / Depth</td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling/Plugging:**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing &amp; Tubing</td>
<td>Size</td>
<td>Pulled</td>
</tr>
</tbody>
</table>

**Compliance:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Code</th>
<th>Inspection</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Results</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**

ROUTING DISPOSAL WEL INSPECTION.
NO ONE ON SITE. SECOND GATE LOCKED. NO PUMPS RUNNING.
THANKS & EQUIPMENT AS NORMAL. SITE SNOW COVERED BUT
NO APPARENT E&S PROBLEMS. ID SIGN IN PLACE.

**Sample No.:**

**Location / Description:**

**DEP Rep.:**

**Date:** 3-4-05  
**Time:**

**White – Regional File**  
**Yellow – Operator**  
**Pink – Inspector**  
**Goldenrod – Company File**
**INFORMATION REPORT**

**DEP Office:** 400 WATERFRONT DR.

**Address:** PITTSBURGH, PA 15222

**Permit or Reg. #:** 111-20059

**Project #:**

**Farm Name & Well #:** BRANT #1

**County:** SOMERSET

**Municipality:** STONEY CREEK

**Latitude:**

**Longitude:**

**Inspection:**

- [ ] BDREL - Bond Release
- [ ] DRALT - Drilling or Alteration
- [ ] RDSPR - Road Spreading
- [ ] CEI - Compliance Evaluation
- [ ] FLWUP - Follow-up
- [ ] RESTR - Site Restoration
- [ ] COMPL - Complaint Inspection
- [ ] PLUG - Plugging
- [ ] RTNC - Routine

**Other:**

- [ ] Permit Expired
- [ ] All/Meth
- [ ] Annulus Open
- [ ] Cement Returns
- [ ] Recommend Bond Release

**Site ID Sign:**

- [X]

**Well Tag:**

- [X]

**Distance Restrict:**

**E/S Plan on Site:**

**E/S Controls:**

**Encroachments:**

**Site Restoration:**

**Drilling/Plugging:**

**Notification:**

**B.O.P.:**

**Casing:**

**Monument:**

**Waste Mgmt:**

- [X]

**Top Hole Water:**

**Fluids Mgmt:**

**Impoundment/pit:**

**Pollution Prevent:**

**Residual Waste:**

**Compliance**

- [ ] Code

**Inspection Results:**

- [ ] Code

**N810**

**Remarks:**

DISPOSAL WELL INSPECTION.

FACILITY AS NORMAL. 2ND GATE LOCKED.

NO ONE ON SITE. NO PUMPS OPERATING.

ID SIGN & E/S OK. TANKS & EQUIPMENT AS NORMAL.

**Sample No:**

<table>
<thead>
<tr>
<th>Location/Description</th>
<th>DEP Rep</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Michael Morgan</td>
</tr>
</tbody>
</table>

**Date:** 10-4-04

**Time:**

**Regional File Copy**
### Inspection Report

**Commonwealth of Pennsylvania**  
**Department of Environmental Protection**  
**Oil and Gas Management Program**

**Inspection Report**

- **DEP Office**: 400 Waterfront Dr.  
- **Address**: Pittsburgh, PA 15222  
- **Permit or Reg. #:** 111-20059  
- **Operator Name**: Cottonwood Oper. Corp.  
- **Address**: 50 Fountain Plaza, Suite 1220, Buffalo, NY 14202  
- **County**: Somerset

**Inspection Code**
- BDREL - Bond Release
- DRALT - Drilling or Alteration
- RDSPR - Road Spreading
- CEI - Compliance Evaluation
- FLWUP - Follow-up
- RESTR - Site Restoration
- COMPL - Complaint Inspection
- PLUG - Plugging
- ARTNC - Routine

**Other**
- Permit Expired
- Alt/Method
- Annulus Open
- Cement Returns
- Recommend Bond Release

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Spa</td>
<td>✗</td>
<td>Fresh Water Amt / Depth</td>
<td>Salt Water Amt / Depth</td>
<td>Coal Thickness / Depth</td>
</tr>
<tr>
<td>Well Teg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td>✗</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling/Plugging**
- Notification
- BOP
- Casing
- Monument

**Casing & Tubing**
- Filling Material & Plugs From To Size Pulled Left

**Waste/Mgmt.**
- Top Hole Water
- Fluids Mgmt.
- Impoundment/pl
- Pollution Prevent

**Residual Waste**
- Compliance Assistance

**Remarks**

2nd gate locked. No one on site. No pump running. ID sign in place. Gas ok. Tanks & equipment as normal.

**Sample No.**

**Location / Description**

**DEP Rep.**

**Date:** 6-22-05

**Time:**

**Regional File Copy**

**Page 1 of 1**
**COMMONWEALTH OF PENNSYLVANIA**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS MANAGEMENT PROGRAM  

**INSPECTION REPORT**

**DEP Office**  
400 WATERFRONT DR.  
Phone:  
Project #  
Permit of Reg # 111-20059  
Permit No.  

**Address**  
PITTSBURGH, PA 15222  

**Oper Name**  
COTTONWOOD OPER. CORP.  

**Address**  
50 FOUNTAIN PLAZA  
ST. BAY  
BUFFALO, NY 14202  

**Latitude:**  
**Longitude:**  

**Inspection**  
☐ BDREL - Bond Release  
☐ DRALT - Drilling or Alteration  
☐ RDSPR - Road Spreading  

**Code:**  
☐ CEI - Compliance Evaluation  
☐ FLWUP - Follow-up  
☐ RESTR - Site Restoration  

☐ COMPL - Complaint Inspection  
☐ PLUG - Plugging  
☐ RTNC - Routine  
☐ Permit Expired  
☐ Alt/Meth  
☐ Annulus Open  
☐ Cement Returns  
☐ Recommend Bond Release  

**Location**  
Site ID Sign  
Well Tag  
Distance Restrict  
E/S Plan on Site  
E/S Controls  
Encroachments  
Site Restoration  
Drilling/Plugging  
Notification  
B.O.P.  
Casing  
Monument  
Waste Mgmt.  
Top Hole Water  
Fluids Mgmt.  
Impoundment/pit  
Pollution Prevent  
Residual Waste  
Compliance  
Assistance  

**Driller’s Log Information**  
Fresh Water  
Salt Water  
Coal  
Formations  

**Depth**  
Amt / Depth  
Amt / Depth  
Thickness / Depth  
Oil / Depth  
Gas / Depth  

**Casing & Tubing**  

**Remarks:**  
ROUTING DISPOSAL WELL INSPECTION.  
GATES OPEN. NO ONE ON SITE. NO PUMPS RUNNING.  
10 SIGN & E&S OK. TANKS & EQUIPMENT AS NORMAL.
### Inspection Report

**Commonwealth of Pennsylvania**
**Department of Environmental Protection**
**Oil and Gas Management Program**

#### Inspectee Information
- **DEP Office**: 400 Waterfront Dr., Pittsburgh, PA 15222
- **Address**: 50 Fountain Plaza Suite 1220, Buffalo, NY 14202
- **Permit or Reg. #:** 111-20059
- **Project #:** C. Bryant #1 S.W.D.W.

#### Operational Information
- **Company Name**: Cottonwood Op Corp.
- **County**: Somersett
- **Municipality**: Stony Creek

#### Inspection Details
- **Date**: 11-17-03
- **Inspector**: [Signature]

#### Field Notes
- **Well Tag**: X
- **Distance Restrict**: 
- **E/S Plan on Site**: 
- **E/S Controls**: X
- **Encroachments**: 
- **Site Restoration**: 

#### Drilling Information
- **Fresh Water Amt / Depth**: 
- **Salt Water Amt / Depth**: 
- **Coal Thickness / Depth**: 
- **Formation Oil / Depth Gas / Depth**: 

#### Drilling Details
- **Drilling Time**: 
- **Casing & Tubing**: 
- **Compliance Assistance Code**: 
- **Inspection Results Code**: NOV/0

#### Remarks
- **Routing Disposal Well Inspection**
  - TAG & ETS OK, BOTH GATES OPEN, NO ONE ON SITE.
  - TANK & EQUIPMENT AS NORMAL, NO PUMPS RUNNING.

#### Signatures
- **Sample No.**
- **Location / Description**
- **DEP Rep**: [Signature]
- **Date**: 11-17-03
- **Time**: 

---

**Regional File Copy**

Page 1 of 1
### Inspection Report

**Location**: I-20059

**Inspection**: RDSPR - Road Spreading

**Code**: RTNC - Routine

### Driller's Log Information

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt / Depth</td>
<td>Amt / Depth</td>
<td>Thickness / Depth</td>
<td>Oil / Depth</td>
</tr>
</tbody>
</table>

**Drilling / Plugging**

**Casing & Tubing**

<table>
<thead>
<tr>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
</table>

**Remarks:**

ROUTING DISPOSAL WELL INSPECTION.

NO ONE ON SITE. NO PUMPS RUNNING.

ID SIGN 4 E&S OK. TANKS AND EQUIPMENT IS NORMAL.

---

**Sample No.** | **Location / Description** | **DEP Rep.**
---|---|---

**Date**: 9-3-09

---

Michael Moran
**INSPECTION REPORT**

**DEP Office:** 400 WATERFRONT DR.
**Phone:**

**Address:** PITTSBURGH, PA 15222

**Permit or Reg. #:** 111-20059

**Project #:**

**Farm Name & Well #:** BURNT S.W.O.W.

**County:** SOMERSET

**Municipality:** STONY CREEK

**Latitude:** 40° 0' W

**Longitude:** 0° 0' N

**Inspection Code:**
- **BDREL - Bond Release**
- **DRAUT - Drilling or Alteration**
- **RDPST - Road Spreading**
- **CEI - Compliance Evaluation**
- **FLWUP - Follow-up**
- **COMPL - Complaint Inspection**
- **PLUG - Plugging**
- **RTNC - Routine**

**Other:**
- **Permit Expired**
- **Alt/Meth.**
- **Annulus Open**
- **Cement Returns**
- ** Recommend Bond Release**

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>Yes</td>
<td></td>
<td>Fresh Water Amt / Depth</td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td>Salt Water Amt / Depth</td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td>Coal Thickness / Depth</td>
<td></td>
</tr>
<tr>
<td>EIS Plan on Site</td>
<td></td>
<td></td>
<td>Oil / Depth</td>
<td></td>
</tr>
<tr>
<td>EIS Controls</td>
<td>Yes</td>
<td></td>
<td>Gas / Depth</td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling/Plugging**

**Notification**
- B.O.P.
- Casing
- Monument

**Waste Mgmt.**
- Top Hole Water
- Fluids Mgmt.
- Impoundment/Pit
- Pollution Prevent

**Residual Waste**
- Compliance Assistance
- Code
- Code
- Inspection Results
- Code

**Remarks:**

DISPOSAL WELL INSPECTION.

2ND GATE LOCKED, NO ONE ON SITE.

PUMP RUNNING, TANKS + EQUIPMENT AS NORMAC.

ID SIGN IN PLACE.

---

**Sample No:**

**Location / Description:**

**DEP Rep:**

**Date:** 6-6-03

**(signature)**

**(print name)**

**Time:**

Regional File Copy

Page 1 of 1
**INSTRUCTION REPORT**

<table>
<thead>
<tr>
<th>Location</th>
<th>Inspect</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID/Sign</td>
<td>K</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td>K</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drilling/Plugging</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notification</td>
<td>Filling Material &amp; Plugs</td>
</tr>
<tr>
<td>BOP</td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td></td>
</tr>
<tr>
<td>Monument</td>
<td></td>
</tr>
<tr>
<td>Waste Mgmt.</td>
<td></td>
</tr>
<tr>
<td>Top Hole Water</td>
<td></td>
</tr>
<tr>
<td>Fluids Mgmt.</td>
<td></td>
</tr>
<tr>
<td>Impoundment/Pit</td>
<td></td>
</tr>
<tr>
<td>Pollution Prevent</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Residual Waste</th>
<th>Compliance Assistance</th>
<th>Code</th>
<th>Code</th>
<th>Inspection Results</th>
<th>Code</th>
</tr>
</thead>
</table>

**Remarks:**
ROUTINE DISPOSAL WELL INSPECTION.
GATES OPEN, NO ONE ON SITE.
TANKS AND EQUIPMENT AS NORMAL. NO PUMP OPERATING.
ID SIGN + EYES OK.

---

Sample No. | Location / Description | DEP Rep. | Date: 5-28-03 |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(signature)</td>
<td>(print name)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Regional File Copy Page 1 of 7
## Inspection Report

### Location Information
- **DEP Office**: 400 WATERFRONT DR.
- **Address**: PITTSBURGH, PA 15222
- **Phone**: 111-22059
- **Permit or Reg. #:** NA
- **Prop. #:** NA
- **Farm Name & Well #:** BRANT #1
- **Oper Name**: COTTONWOOD OPER. CORP.
- **County**: SOMERSET
- **Municipality**: STONYCHRONY
- **Latitude**: 0° N
- **Longitude**: 0° W

### Inspection Details
- **Inspection Code**: □ BDREL - Bond Release, □ DRALT - Drilling or Alteration, □ RDSPR - Road Spreading
- **Code**: □ CEI - Compliance Evaluation, □ FLWUP - Follow-up, □ COMPL - Complaint Inspection, □ PLUG - Plugging

### Location
- **Location**: Site ID Sign
- **Driller's Log Information**: Fresh Water Amt / Depth, Salt Water Amt / Depth, Coal Thickness / Depth, Formations Oil / Depth Gas / Depth
- **Drilling/Plugging**: Drilling / Plugging
- **Casing & Tubing**: Filling Material & Plugs From To
- **Notification**: B.O.P., Casings, Monument
- **Waste Mgmt.**
  - Top Hole Water
  - Fluids Mgmt
  - Impoundment/plt
  - Pollution Prevent
- **Residual Waste**: Compliance Assistance Code, Code Inspection Results Code

### Remarks
- ROUTING DISPOSAL WELL INSPECTION.
- NO ONE ON SITE. INNER GATE LOCKED.
- ID SIGN O.K. SITE SNOW COVERED BUT NO OBVIOUS ENVIRONMENTAL ISSUES.
- TANKS & EQUIPMENT AS NORMAL.

### Sample Information
- **Sample No.**: 
- **Location / Description**: 
- **DEP Rep.**: Michael Miller
- **Date**: 12/16/02
- **Time**: 

---

**Regional File Copy** Page 1 of 1
### INSPECTION REPORT

**Commonwealth of Pennsylvania**  
**Department of Environmental Protection**  
**Oil and Gas Management Program**

#### DEP Office
- **Address:** 400 Waterfront Dr., Pittsburgh, PA 15222
- **Phone:**
- **Permit or Reg. #:** 111-20069

#### Operator
- **Name:** Cottonwood Oper. Corp.
- **Address:** 254 Franklin St., Buffalo, NY 14202
- **County:** Somerset
- **Municipality:** Stony Creek
- **Farm Name & Well #:** Brant #1
- **Latitude:** N
- **Longitude:** W

#### Inspection Code:
- **BDREL - Bond Release**
- **CEI - Compliance Evaluation**
- **COMPL - Complaint Inspection**
- **DRALT - Drilling or Alteration**
- **FLWUP - Follow-up**
- **PLUG - Plugging**
- **RDSPR - Road Spreading**
- **RESTR - Site Restoration**
- **RTNC - Routine**

#### Other:
- **Permit Expired**
- **All Meth.**
- **Annulus Open**
- **Cement Returns**
- **Recommend Bond Release**

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>X</td>
<td></td>
<td>Fresh Water Amt / Depth</td>
<td>Salt Water Amt / Depth</td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restr</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EIS Plan on Site</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EIS Controls</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Drilling - Plugging:
- **Notification**
- **B.C.P.**
- **Casing**
- **Monument**

#### Waste Mgmt.
- **Top Hole Water**
- **Fluids Mgmt.**
- **Impoundment/Pit**
- **Pollution Prevent**

#### Residual Waste
- **Compliance Assistance**
- **Code**

#### Remarks:
- Routing Disposal Well Inspection.
- ID sign in place. E&S OK. No pump running. No on site equipment & tanks as normal.

---

**Sample No.**  
**Location / Description**  
**DEP Rep:**

**Date:** 9-13-02

**Time:**

**Michael Murgat**  
**Regional File Copy**  
Page 1 of 1
# COMMONWEALTH OF PENNSYLVANIA
## DEPARTMENT OF ENVIRONMENTAL PROTECTION
### OIL AND GAS MANAGEMENT PROGRAM

## INSPECTION REPORT

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>400 WATERFRONT DR.</th>
<th>Permit or Reg. #</th>
<th>111-20059</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>PITTSBURGH, PA 15222</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oper Name</td>
<td>COTTONWOOD OPER. CORP.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>254 FRANKLIN ST.</td>
<td>County</td>
<td>SOMERSOT</td>
</tr>
<tr>
<td></td>
<td>BUFFALO, NY 14202</td>
<td>Municipality</td>
<td>STONY CR.</td>
</tr>
<tr>
<td>Latitude:</td>
<td>° ' &quot; N</td>
<td>Longitude:</td>
<td>° ' &quot; W</td>
</tr>
</tbody>
</table>

### Inspection Code:
- BDREL - Bond Release
- DRALT - Drilling or Alteration
- RDSPR - Road Spreading
- CEI - Compliance Evaluation
- FLWUP - Follow-up
- RESTR - Site Restoration
- COMPL - Complaint Inspection
- PLUG - Plugging
- RTNC - Routine

### Other:
- Permit Expired
- Alt/Meth.
- Annuus Open
- Cement Returns
- Recommend Bond Release

### Location Insp. Violation Driller's Log Information Depth:
<table>
<thead>
<tr>
<th>Site ID Sign</th>
<th>Well Tag</th>
<th>Distance Restor</th>
<th>E/S Plan on Site</th>
<th>E/S Controls</th>
<th>Encroachments</th>
<th>Site Restoration</th>
<th>Drilling/Plugging</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Fresh Water Salt Water Coal Formations
<table>
<thead>
<tr>
<th>Amt / Depth</th>
<th>Amt / Depth</th>
<th>Thickness / Depth</th>
<th>Oil / Depth</th>
<th>Gas / Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Drilling/Plugging
<table>
<thead>
<tr>
<th>Notification</th>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.O.P.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monument</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Waste Mgmt.
- Top Hole Water
- Fluids Mgmt.
- Impoundment
- Pollution Prevent
- Residual Waste

### Remarks:
**Routing Disposal Well Inspection.**
No one onsite. Both gates open due to logging on property.
No pump running. Tanks & equipment as normal.
ID sign & E/S OK.

---

**Sample No.**

<table>
<thead>
<tr>
<th>Location / Description</th>
<th>DEP Rep.</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>20-21</td>
<td></td>
</tr>
</tbody>
</table>

---

**Regional File Copy**
Page 1 of 1
## Inspection Report

### DEP Office
- Address: 400 WATERFRONT DR.
- Phone: PITTSBURGH, PA 15222

### Operator
- Name: COTTONWOOD OPER. CORP.
- Address: 254 FRANKLIN ST.
- Municipality: BUFFALO, NY 14202

### Permit or Reg.
- Record #: 11-20059
- County: SOMERSET

### Location
- Location: 
- Site ID Sign: 
- Well Tag: 
- Distance Restricted: 
- E&S Plan on Site: 
- E&S Controls: 
- Encroachments: 
- Site Restored: 

### Drilling-Plugging
- Notification: 
- B.O.P.: 
- Casing: 
- Monument: 

### Waste Mgmt.
- Top Hole Water: 
- Fluids Mgmt: 
- Impoundment/pit: 
- Pollution Prevent: 
- Residual Waste: 

### Driller's Log Information
- Fresh Water: 
- Salt Water: 
- Coal: 
- Formations: 

### Casing & Tubing
- Size: 
- Pulled: 
- Left: 

### Remarks
- ROUTING DISPOSAL WELL INSPECTION. SECOND GATE LOCKED.
- ID SIGN IN PLACE. TANKS & EQUIPMENT AS NORMA.
- NO ONE ON SITE. NO PUMP RUNNING.

- NOTE: DEAD ZONE FROM DISCHARGE OF 2001 MAY NEED ADDITIONAL
- WORK. IF GRASS DOES NOT GROW WHEN WEATHER BREAKS.

### Sample
- Sample No.: 
- Location/Description: 
- DEP Rep.: 
- Date: 3-11-02
- Time: 

---

**Regional File Copy**

**Page 1 of 1**
**COMMONWEALTH OF PENNSYLVANIA**

DEPARTMENT OF ENVIRONMENTAL PROTECTION

OIL AND GAS MANAGEMENT PROGRAM

**INSPECTION REPORT**

<table>
<thead>
<tr>
<th>Location</th>
<th>Site ID Sign</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td></td>
<td>Fresh Water Amt / Depth</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Salt Water Amt / Depth</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Coal Thickness / Depth</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Gas / Depth</td>
<td></td>
</tr>
</tbody>
</table>

**Drilling / Plugging**

- Filing Material & Plugs From To
- Casing & Tubing Size Pulled Left

**Remarks:**

**DISPOSAL WELL INSPECTION.**

- NO ONE ON SITE. SECOND GATE LOCKED.
- ID SIGN OK. TRUCK & EQUIPMENT AS NORMAL.
- SITES SNOW COVERED.

**Sample No.**

<table>
<thead>
<tr>
<th>Location / Description</th>
<th>DEP Rep:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&quot;Michael Marlowe&quot;</td>
</tr>
</tbody>
</table>

**Date:** 12-11-01

**Time:**
**COMMONWEALTH OF PENNSYLVANIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**OIL AND GAS MANAGEMENT PROGRAM**

**INSPECTION REPORT**

<table>
<thead>
<tr>
<th>DEP Office</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 WATERFRONT DRIVE</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>PITTSBURGH, PA 15222</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project #</th>
<th>IIP-20059</th>
</tr>
</thead>
<tbody>
<tr>
<td>Farm Name &amp; Well #</td>
<td>BRANT #1</td>
</tr>
<tr>
<td>Oper Name</td>
<td>COTTONWOOD OPERATING CORP</td>
</tr>
<tr>
<td>Address</td>
<td>25th FRANKLIN ST.</td>
</tr>
<tr>
<td>County</td>
<td>SOMERSET</td>
</tr>
<tr>
<td>Municipality</td>
<td>STONY CREEK</td>
</tr>
<tr>
<td>Latitude:</td>
<td>0°</td>
</tr>
<tr>
<td>Longitude:</td>
<td>0°</td>
</tr>
</tbody>
</table>

| Code: | |
| □ BDREL - Bond Release | □ DRALT - Drilling or Alteration | □ RDSPR - Road Spreading |
| □ CEI - Compliance Evaluation | □ FLWUP - Follow-up | □ RESTR - Site Restoration |
| □ COMPL - Complaint Inspection | □ PLUG - Plugging | □ RTNC - Routine |

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES Plan on Site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES Controls</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Driller's Log Information | Depth: |
| Fresh Water | Salt Water | Coal | Formations |
| Amt / Depth | Amt / Depth | Thickness / Depth | Oil / Depth | Gas / Depth |

| Drilling - Plugging | Casing & Tubing |
| Notification | Filling Material & Plugs | From | To | Size | Pulled | Left |
| B.O.P. | | | | | |
| Casing | | | | | |
| Monument | | | | | |

| Waste Mgmt. | |
| Top Hole Water | |
| Fluids Mgmt | ☑ |
| Impoundment | | |
| Pollution Prevent | | |
| Residual Waste | | |

| Compliance Assistance | Code | Code | Inspection Results |
| | | | |

**Remarks:**

**FOLLOW-UP INSPECTION TO DISCHARGE M.O.V.**

**RECEIVED CALL FROM BRUCETON MILLS OIL & GAS SERVICES INDICATING THAT RE-VACUUMATION EFFORTS WERE UNDERWAY IN DEEP AREA.**

**AT JAY MILLER AT 11:30, PUMP AREA HAS BEEN SPREAD WITH TEA SOIL, 1/2' CROCKED & MULCHED.**

**PUMP OPERATING. ID TAG IN PLACE. TANK & EQUIPMENT AS NORMAL.**

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Location / Description</th>
<th>DEP Rep:</th>
<th>Date:</th>
<th>Time:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(signature)</td>
<td>12/26/01</td>
<td>M. FRIESEN</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(print name)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Operator's Copy**

Page 1 of 1
**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**OIL AND GAS MANAGEMENT PROGRAM**

**INSPECTION REPORT**

**DEP Office**: 500 WATERFRONT DR.  
**Address**: PITTSBURGH, PA 15222

**Permit & Reg. #**: 111-20059  
**Project #**:  
**Name & Well #**: BRANT #1  
**County**: SOMERSET  
**Municipality**: STONEY CREEK

**Latitude**: 0' ' N  
**Longitude**: 0' ' W

**Site ID Sign**: X  
**Well Tag**:  
**Distance Restrict**:  
**E/S Plan on Site**:  
**E/S Controls**: X  
**Encroachments**:  
**Site Restoration**:  
**Drilling/Plugging**:  
**Notification**:  
**B.O.P.**:  
**Casing**:  
**Monument**:  
**Waste Mgmt**:  
**Top Hole Water**:  
**Fluids Mgmt.**:  
**Impoundment/pit**:  
**Pollution Prevent**:  
**Residual Waste**:  
**Compliance Assistance**:  
**Code**:  

**Filing Material & Plugs**  
**From**:  
**To**:  
**Size**:  
**Pulled**:  
**Left**:  

**Casing & Tubing**:

**Depth**:  
**Fresh Water Amt / Depth**:  
**Salt Water Amt / Depth**:  
**Coal Thickness / Depth**:  
**Formations Oil / Depth**:  
**Gas / Depth**:  

**Remarks**: ROUTINE DISPOSAL WELL INSPECTION. ID SIGN TANKS & EVS OK. SECOND GATE LOCKED NO ONE ON SITE. NO PUMPS RUNNING. THERE HAS BEEN RECENT BRINE DISCHARGE ON SITE AS IS EVIDENCED BY THE DRIED SALT ON THE GRAVEL PAD. SALTS BUILD-UP IS PARTICULARLY HEAVY IN THE LOW AREAS NEAR THE EDGE OF THE PAD. SUFFICIENT BRINE CROSSED THE PAD TO FLOW DOWN OVER THE BANK TOWARD THE PIPELINE & WETLANDS AS IS EVIDENCED BY THE ZONE OF DEAD VEGETATION ABOUT 26' WIDE AND 75' LONG (SEE PHOTOS). THIS AREA OF DEAD VEGETATION HAS BEEN PARTICULARLY SCRAPPED OFF BY PIECE OF EQUIPMENT, BRINE Drippings FROM A FITTING ON THE WELL HEAD AS I WAS ON SITE. NO MAJOR SPILLAGE AROUND TANKING AREA.

**Sample No.**:  
**Location/Description**:  
**DEP Rep**: [Signature]  
**Date**: 5-11-01  
**Time**: 11:45 A

Regional File Copy  
Page 1 of 2
### Notice Of Violation(s)

<table>
<thead>
<tr>
<th>Law / Reg</th>
<th>Section</th>
<th>Description of Violation</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSL 402</td>
<td>78.57</td>
<td>IT IS A VIOLATION TO DISCHARGE PRODUCTION FLUIDS TO THE GROUND. DEAD AREA NEEDS REVEGETATED. BRING DRIIP AT WELLHEAD NEEDS REPAIRS.</td>
</tr>
</tbody>
</table>

### Instructions / Response

You are requested to respond as indicated below, by **6-16-01**. If applicable, please include the description of activities you will pursue to achieve compliance with the statutes or regulations cited above. Address your reply to the DEP representative named below.

- ✔ Written response requested.
- ✔ Include explanation of cause of violation(s).
- ✔ Explain what you... ✔ have done, or ☐ will do.... to correct the situation and achieve compliance.
- ✔ Include the schedule or anticipated time frame for compliance activities you intend to carry out.

**Comments:**

---

**Permit Reg No.**

<table>
<thead>
<tr>
<th>Date</th>
<th>DEP Rep.</th>
<th>Cert Mail #</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>III-2005Q</td>
<td>5-11-01</td>
<td>MICHAEL MORGART</td>
<td>7099 8400 0017 3257 906 5-16-01</td>
</tr>
</tbody>
</table>
**INSPECTION REPORT**

**DEP Office:** 400 WATERFRONT DR.  
**Phone:**  
**Permit or Reg #:** 111-20059

**Address:** PITTSBURGH, PA 15222  
**Project #:**  
**Farm Name & Well #:** C. GRANT #1

**Operator:** COTTONWOOD OPERATING CORP.  
**County:** SOMERSET  
**Municipality:** STONY CREEK

**Address:** 254 FRANKLIN ST.  
**Latitude:**  
**Longitude:**

**Inspection Code:**  
- [ ] BDREL - Bond Release  
- [ ] DRALT - Drilling or Alteration  
- [ ] RDSPR - Road Spreading  
- [ ] CEI - Compliance Evaluation  
- [ ] FLWUP - Follow-up  
- [ ] RESTR - Site Restoration  
- [ ] COMPL - Complaint Inspection  
- [ ] PLUG - Plugging  
- [ ] RTNC - Routine

**Other:**  
- [ ] Permit Expired  
- [ ] Alt/Meth.  
- [ ] Annulus Open  
- [ ] Cement Returns  
- [ ] Recommend Bond Release

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>✗</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td>✗</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drilling/Plugging</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notification</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.O.P.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monument</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waste Mgmt.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top Hole Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluids Mgmt.</td>
<td>✗</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impoundment/pit</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Prevent</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residual Waste</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling/Plugging:**
- Not mentioned in the table content.

**Casing & Tubing:**
- Not mentioned in the table content.

**Remarks:**

ROUTING DISPOSAL WELL INSPECTION. ID SIGN IN PLACE. 
TANKS & EQUIPMENT AS NORMAL. GATES OPEN. 
STUTZMAN TRUCK DELIVERING BAINS.

**Sample No.** | **Location / Description** | **DEP Rep.:**  
--- | --- | ---
 | |

**Date:** 3-26-01  
**Time:**

**Regional File Copy**

Page 1 of 1
INSPECTION REPORT

Operator: COTTONWOOD OPER. CORP.
DEP Office: 400 WATERFRONT DR.
Address: PITTSBURGH, PA 15222
Latitude: 0° 0' 0" N
Longitude: 0° 0' 0" W
Permit or Reg No.: 111-20059
Farm & Well No.: C. BRANT #1
Complaint #:
County: SOMERSWT
Municipality: STANLEY CREST

Inspection Code:
☐ BDREL - Bond Release
☐ CEI - Compliance Evaluation
☐ COMPL - Complaint Inspection
☐ DRALT - Drilling or Alteration
☐ FLWUP - Follow-up
☐ PLUG - Plugging
☐ RDSPR - Road Spreading
☐ RESTR - Site Restoration
☐ RTNC - Routine
☐ Permit Expired
☐ Alt/Meth
☐ Annulus Open
☐ Cement Returns
☐ Recommend Bond Release

Location

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td>✗</td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Driller's Log Information

<table>
<thead>
<tr>
<th>Fresh Water</th>
<th>Salt Water</th>
<th>Coal</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amt / Depth</td>
<td>Amt / Depth</td>
<td>Thickness / Depth</td>
<td>Oil / Depth</td>
</tr>
</tbody>
</table>

Drilling/Plugging

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>Pulled</td>
<td>Left</td>
</tr>
</tbody>
</table>

Casing & Tubing

<table>
<thead>
<tr>
<th>Compliance Assistance</th>
<th>Code</th>
<th>Code</th>
<th>Inspection Results</th>
<th>Code</th>
</tr>
</thead>
</table>

Remarks:

DISPOSAL WELL INSPECTION.
GATE LOCKED. NO ONE ON SITE.
NO PUMPS RUNNING
TANKS AND EQUIPMENT APPEAR TO BE AS NORMAL.
ID SIGN ON WELLHEAD BARRIER.

Sample No. | Location / Description | DEP Rep: |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Michael Morett</td>
</tr>
<tr>
<td>Date 4/12/00</td>
<td>Time:</td>
<td></td>
</tr>
</tbody>
</table>

REGIONAL FILE
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

INSPECTION REPORT

Operator: COTTONWOOD OPR. CORP.

Address: 254 FRANKLIN ST.
BUFFALO, NY 14202

DEP Office: 400 WATERFRONT DR.
PITTSBURGH, PA 15222

Telephone: (412) 442-4000

Latitude: N Longitude: W

Complaint #: Permit No: 111-20059
Farm & Well No: BRANT #1
County: SOMERSET
Municipality: STONEY CRESCENT

Inspection Code:
- BDREL - Bond Release
- CEI - Compliance Evaluation
- COMPL - Complaint Inspection
- DRALT - Drilling or Alteration
- FLWUP - Follow-up
- PLUG - Plugging
- RDSPR - Road Spreading
- RESTR - Site Restoration
- RTNC - Routine

Other:
- Permit Expired
- Alt/Meth
- Annulus Open
- Cement Returns
- Recommend Bond Release

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Drilling / Plugging</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td></td>
<td></td>
<td>Fresh Water Amt / Depth</td>
<td>Filling Material &amp; Plugs</td>
<td>Size</td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td>Salt Water Amt / Depth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td>Coal Thickness / Depth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Drilling / Plugging Notification
- B.O.P.
- Casing
- Monument

Waste Mgmt.
- Top Hole Water
- Fluids Mgmt.
- Impoundment/cont.
- Pollution Prevent
- Residual Waste

Compliance Assistance Code

Inspection Results Code: NOVI0

Remarks:

ROUTING DISPOSAL WELL INSPECTION.

JAY MILLER ON SITES AND STUTZMAN TRUCK DELIVERING BRINE.

SITE EQUIPMENT & TANKS APPEAR AS NORMAL.

ID SIGN & GTS OK.

Sample No. Location / Description DEP Rep: Date: 5-25-00

Time:
**INSPECTION REPORT**

Operator: COTTONWOOD MUD. C. INC.  
Address: 204 FRANKLIN ST.  
BUFFALO, NY 14202  
Lat.: 0 ° 00' 00" N  
Long.: 0 ° 00' 00" W  
Telephone: (716) 642-4000

Complaint #: 111-20059  
Project No.: B&NT S.W.D. WELL  
Farm & Well No.:  
County: SOMERSET  
Municipality: STONEY CREEK

**Inspection Code:**  
- BDREL - Bond Release  
- CEI - Compliance Evaluation  
- COMPL - Complaint Inspection  
- DRALT - Drilling or Alteration  
- FLWUP - Follow-up  
- PLUG - Plugging  
- RDSPR - Road Spreading  
- RESTR - Site Restoration  
- RTNC - Routine

**Other:**  
- Permit Expired  
- Alt/Meth.  
- Annulus Open  
- Cement Returns  
- Recommend Bond Release

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>x</td>
<td>Well Tag</td>
<td>Distance Restrict</td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td>x</td>
<td>E/S Controls</td>
<td>Encroachments</td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drilling/Plugging</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notification</td>
<td>B.O.P</td>
<td>Casing</td>
<td>Monument</td>
<td></td>
</tr>
<tr>
<td>Waste Mgmt.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top Hole Water</td>
<td>x</td>
<td>Fluids Mgmt.</td>
<td>Impoundment/pit</td>
<td></td>
</tr>
<tr>
<td>Pollution Prevent</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residual Waste</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Casing & Tubing**

<table>
<thead>
<tr>
<th>Casing &amp; Tubing</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filling Material &amp; Plugs From To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**

Onsite with ICCOR Steel & E.P.A. Representatives. Met Paul Herding & Jay Miller onsite. They supplied facility tour for group.  
No fluids to pump so pump wasn't operating. Tanks & ID sign OK.  
No apparent gas problems.

**Sample No.**  
Sample No. | Location / Description | DEP Rep: Michael Morgat | Date: 2/11/00 |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(signature)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(print name)</td>
<td></td>
</tr>
</tbody>
</table>

**REGIONAL FILE**
**INSPECTION REPORT**

**Operator:** COTTONWOOD OPER. CORP.  
**DEP Office:** 400 WATERFRONT DR.  
**Address:** 254 FRANKLIN ST. PITTSBURGH, PA 15222  
**Municipality:** SOMERSET

**Farm & Well No.:** GRANT  
**Project No.:**  
**County:** SOMERSET  
**Complaint #:**  

**Latitude:**  
**Longitude:**  

**Inspection Code:**  
- BDREL - Bond Release  
- CEI - Compliance Evaluation  
- COMPL - Complaint Inspection  
- DRALT - Drilling or Alteration  
- FLWUP - Follow-up  
- PLUG - Plugging  
- RDSPR - Road Spreading  
- RESTR - Site Restoration  
- RTNC - Routine

**Other:**  
- Permit Expired  
- Alt/Meth.  
- Annul. Open  
- Cement Returns  
- Recommend Bond Release

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Violation</th>
<th>Driller's Log Information</th>
<th>Depth</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site ID Sign</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drilling / Plugging</th>
<th>Casing &amp; Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filling Material &amp; Plugs</td>
<td>From</td>
</tr>
<tr>
<td>Notification</td>
<td></td>
</tr>
<tr>
<td>B.O.P.</td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td></td>
</tr>
<tr>
<td>Monument</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste Mgmt.</th>
<th>Compliance Assistance</th>
<th>Code</th>
<th>Code</th>
<th>Inspection Results</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Hole Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluids Mgmt</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impoundment/Pit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Prevent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residual Waste</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**

DISPOSAL WELL INSPECTION.  NO ONE ON SITE.  NO PUMPS OPERATING.  ID SIGN IN PLACE.  SECOND GATE LOCKED.  SUMP BUILDING IS NOT OVERFLOWING.  TANKS 4 & 5 OK.

---

**Sample No.**  
**Location / Description**  
**DEP Rep.:** [Signature]  
**Date:** 7/28/99  
**Time:**

[DISP. WELL; TAG, TANKS; GAS OK]  
REGIONAL FILE
ROUTINE SALT WATER DISPOSAL WELL INSPECTION.

NO ONE ON SITE . NO PUMPS RUNNING.

ID SIGN IN PLACE . E+F'S OK.

SITE APPEARS AS NORMAL WITH G UPRIGHT TANKS.

Sample No(s).  Location/Description  Certified Mail No.  Date Mailed

Name  MICHAEL MORGAN  OGI- 0911

DEP Rep.  [Signature]  [Regional File]
**INSPECTION REPORT**

Operator: **COTTONWOOD OPER-CORP.**

Address: **69 DUBLIN AVE. SUITE 200 NEW YORK, NY 14202**

Office: **400 WATERFRONT AVE. PITTSBURGH, PA. 15222**

Contractor: 

Date: **9-29-98**

**Watershed:**

<table>
<thead>
<tr>
<th><strong>Location</strong></th>
<th><strong>Inspection</strong></th>
<th><strong>Violations</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bond</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Site ID. Sign</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>PH.L. Sign</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Encroachment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Driller’s Log Information**
  - **General**
    - Depth: Y N
    - Annulus Open: ❌
    - Alternative Method: ❌
    - Cement Return: ❌
    - Recommend Bond Release: ❌
    - Permit Expired: ❌
    - Permit Issue Date: 
  - **Drilling/Plugging**
    - Date Drilling Commenced: 
    - Pit Approval Number: 
  - **Waste Management**
    - Top Hole Water: ❌
    - Fluids Management: ❌
    - Impoundments: ❌
    - Pollution Prevention: ❌
    - Residual Waste: ❌

**Remarks:**

*MET DAVE RECTENWALD (E.P.A.) & JAY MILLER ON SITE TO OBSERVE MECHANICAL INTEGRITY TEST ON DISPOSAL WELL. WELL PASSED THE TEST AS PER E.P.A. STANDARDS.*

Sample No(s): 

Location/Description: 

Certified Mail No: 

Date/Mailed: **9-25-1**

Name: **MICHAEL MORRIS**

DEP Rep: [Signature]

[Stamps: MECH. INTG. TEST, REGIONAL FILE]
**Operator:** COTTONWOOD OPER. CORP.

**Address:** 69 DERYANARY AVE.
SUITE 200
NEW YORK, NY 10212

**Office:** 400 WATERFRONT DR.
PITTSBURGH, PA 15222

**Telephone:** (412) 442-4000

**Project No.:** III-20059

**Farm/Well No.:** BRANT #1

**County:** SOMERSET

**Municipality:** STONYCREEK

**Watershed:** 55

**Inspector:**

**Date:** 9-29-98

**Time:**

---

### Inspection Code:
- □ Active Mine - 0
- □ Coal - 1
- □ Conservation Coal - 2
- □ Conservation Non-Coal - 3
- □ Non-Coal - 4
- □ Staked/Graded/Digging/Temp. Suspended/Logging/Facing - 1
- □ Plugging - 2
- □ Bond Release - 3
- □ Operating - 4
- □ Abandoned - 5
- □ Orphan - 6
- □ Gas Storage - 7
- □ Inactive Status - 8
- □ Not Drilled - 9
- □ General Environmental - 52
- □ NPDES - 53
- □ Disposal Well - 55
- □ Road Spreading - 56
- □ Restoration - 62
- □ Encroachment - 64

### Driller's Log Information

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp.</th>
<th>Viol.</th>
<th>General</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bond</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site ID Sign</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PH/ID Sign</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Encroachment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Drilling/Plugging

<table>
<thead>
<tr>
<th>Notification</th>
<th>B.O.P.</th>
<th>Casing</th>
<th>Monument</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Waste Management

<table>
<thead>
<tr>
<th>Top Hole Water</th>
<th>Fluids Management</th>
<th>Impoundments/Pits</th>
<th>Pollution Prevention</th>
<th>Residual Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**

MR. STUTZMAN OF STUTZMAN HAULING (MARINE TRUCK) WAS ON SITE.
PUMPS ARE NOT RUNNING. E.P.A. TO CONDUCT MECHANICAL INTEGRITY
TEST ON 9-29-98. ID SIGN IN PLACE. EY OK. SUMP HOUSE
CONTAINS FLUID BUT IS NOT OVERFLOWING. SEEP IN WOODS IS DRY,
AS IS THE NEARBY SURFACE STREAM. EQUIPMENT APPEARS AS USUAL.

---

**Sample No(s):**

**Location/Description:**

**Certified Mail No.:**

**Date Mailed:** 9/9/98

**Name:** Michael Morgant

**DEP Rep.:**

**OGI:**

---

(DISPOSAL WELL INSPECTION)

**Page 1 of 1**
Operator: COTTONWOOD PROD. INC.  
Address: 254 FRANKLIN ST.  
BUFFALO, NY 14202

Office: 400 WATERFRONT DR.  
PITTSBURGH, PA 15222

Date: 5-6-99  
Time:

Watershed:

Inspection Code:  
- (X) Abandoned - 5
- (X) NPDES - 53
- (X) Disposal Well - 55
- Road Spreading - 56
- Restoration - 62
- Encroachment - 64

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp. Viol.</th>
<th>Bond</th>
<th>Site I.D. Sum</th>
<th>Well Tag</th>
<th>PH I.D. Sum</th>
<th>Distance Restrict.</th>
<th>E/S Plan on Site</th>
<th>E/S Controls</th>
<th>Encroachment</th>
<th>Site Restoration</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp. Viol.</th>
<th>Drilling-Plugging</th>
<th>Notification</th>
<th>B.O.P.</th>
<th>Casing</th>
<th>Monument</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp. Viol.</th>
<th>Waste Management</th>
<th>Top Hole Water</th>
<th>Fluids Management</th>
<th>Impoundments/Pits</th>
<th>Pollution Prevention</th>
<th>Residual Waste</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Driller's Log Information</th>
<th>Depth</th>
<th>Y N</th>
<th>Annulus Open</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Thick/Depth</th>
<th>Formations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drilling / Plugging</th>
<th>Date Drilling Commenced</th>
<th>Pit Approval Number</th>
<th>Encroachment Permit No.</th>
<th>NPDES Stormwater No.:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing &amp; Tubing</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
</table>

Remarks:

**NO ONE ON SITE. NO PUMPS RUNNING. ID SIGN 4 675 OK.**

**COLLECTED SAMPLE #9511564 FROM SEEP IN WOODS. SEEP IS FLOWING HEAVILY AND IS NO DOUBT BEING AFFECTED BY OVERFLOW FROM SUMP BUILDING.**

Sample No(s): 9511564  
Location/Description: SEEP IN WOODS  
Certified Mail No.  
Date Mailed: 9/5/11  
Name: [Signatures]

DEP Rep: [Signatures]

Page 1 of 1
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF OIL AND GAS MANAGEMENT

INSPECTION REPORT

Operator: COTTONWOOD OPER. CORP.
Address: 69 DELAWARE AVE.
          SUITE 200
          NEW YORK, NY 14202

Contractor: 
Date: 5-27-98
Time: 

Inspection Code:
- □ Active Mine - 0
- □ Coal - 1
- □ Conservation Coal - 2
- □ Conservation Non-Coal - 3
- □ Non-Coal - 4
- □ Staked/Graded/Drilling/Temp. Suspended/Logging/Fracing - 1
- □ Plugging - 2
- □ Bond Release - 3
- □ Operating - 4
- □ Abandoned - 5
- □ Orphan - 6
- □ Gas Storage - 7
- □ Inactive Status - 8
- □ Not Drilled - 9
- □ General Environmental - 52
- □ NPDES - 53
- □ Disposal Well - 55
- □ Road Spreading - 56
- □ Restoration - 62
- □ Encroachment - 64

---------|------|------|------
Bond     |      |      |      
Site I.D. Sign | X |      |      
Well Tag |      |      |      
Ph I.D. Sign |      |      |      
Distance Restrict. |      |      |      
E/S Plan on Site |      |      |      
E/S Controls |      |      |      
Encroachment |      |      |      
Site Restoration |      |      |      

---------|------|------|------
Drilling-Plugging |      |      |      
Notification |      |      |      
B.O.P. |      |      |      
Casing |      |      |      
Monument |      |      |      

---------|------|------|------
Waste Management |      |      |      
Top Hole Water |      |      |      
Fluids Management |      |      |      
Impoundments/Pits |      |      |      
Pollution Prevention |      |      |      
Residual Waste |      |      |      

---------|------|------|------

General
Depth
Annulus Open
Alternate Method
Cement Return
Recommend Bond Release
Permit Expired

Permit Issue Date:
Date Drilling Commenced:
Pit Approval Number:
Encroachment Permit No:
NPDES Stormwater No:

Driller's Log Information

Drilling / Plugging

Fresh Water Amt./Depth
Salt Water Amt./Depth
Coal Thick/Depth
Formations
Oil/Depth
Gas/Depth

Filling Material & Plugs

From To

Size Pulled Left

Casing & Tubing

Routing Disposal Well Site Inspection. No one onsite. Second gate is locked, no pumps running. ID sign in place. E/S OK. Site appears as normal. Sump house is full to overflowing with captured water.

Sample No(s).
Location/Description

Certified Mail No.  
Name: MICHAEL MORGAN
OIG-951
DER Rep.:

Page 1 of 1

REGONAL FILE
**Commonwealth of Pennsylvania**
**Department of Environmental Resources**
**Bureau of Oil and Gas Management**

**Inspection Report**

- **Operator**: Cottonwood Oper. Corp.
- **Address**: 69 Downward Ave. Suite 200 New York, NY 14202
- **Date**: 6-11-97

**Inspection Code**
- [ ] Active Mine - 0
- [ ] Coal - 1
- [ ] Conservation Coal - 2
- [ ] Conservation Non-Coal - 3
- [ ] Non-Coal - 4
- [ ] Staked/Graded/Drilling/Temp. Suspended/Logging/Fracing - 1
- [ ] Plugging - 2
- [ ] Bond Release - 3
- [ ] Operating - 4
- [ ] Abandoned - 5
- [ ] Orphan - 6
- [ ] Gas Storage - 7
- [ ] Inactive Status - 8
- [ ] Not Drilled - 9
- [ ] General Environmental - 52
- [x] NPDES - 53

**General**

<table>
<thead>
<tr>
<th>Location</th>
<th>Ins.</th>
<th>Viol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bond</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site ID. Sign</td>
<td>[x]</td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pit ID. Sign</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachment</td>
<td>[x]</td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Driller's Log Information**

- **Depth**
  - Annulus Open: [ ]
  - Alternate Method: [ ]
  - Cement Return: [ ]
  - Recommend Bond Release: [ ]
  - Permit Expired: [ ]

**Permit Issue Date:**

**Date Drilling Commenced:**

**Pit Approval Number:**

**Encroachment Permit No.:**

**NPDES Stormwater No.:**

**Drilling/Plugging**

<table>
<thead>
<tr>
<th>Filling Material &amp; Plugs</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Pulled</th>
<th>Left</th>
</tr>
</thead>
</table>

**Casing & Tubing**

<table>
<thead>
<tr>
<th>Formations</th>
<th>Oil/Depth</th>
<th>Gas/Depth</th>
</tr>
</thead>
</table>

**Remarks:**

**Pumps running. Facility looks as normal.**

**E/S OK. ID Sign OK. Tanus OK.**

**No one onsite.**

---

**Sample No(s):**

**Location/Description:**

**Certified Mail No:**

**Date Mailed:**

**Name:** Michael Morgan

**DER Rep:** Willy Wally

**OGI:** 95/11

---

**Regional File**
**COMMONWEALTH OF PENNSYLVANIA**  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF OIL AND GAS MANAGEMENT

**INSPECTION REPORT**  
Operator: COTTONWOOD OPER. CORP.  
Address: 69 DELEWARE AVE., SUITE 200  
NEW YORK, NY 14202  
Date: 2-11-97  
Time:  
Watershed:  

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp</th>
<th>Viol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bond</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site I D Sign</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Well Tag</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Pit I D. Sign</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance Restrict</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Plan on Site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E/S Controls</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encroachment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Restoration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp</th>
<th>Viol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilling-Plugging</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notification</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B.O.P.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monument</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Insp</th>
<th>Viol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top Hole Water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluids Management</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Impoundments/Pits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pollution Prevention</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residual Waste</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General**  
Depth:  
Annulus Open: Y N  
Alternate Method:  
Cement Return:  
Recommend Bond Release:  
Permit Expired:  

**Driller's Log Information**  
Permit issue Date:  
Date Drilling Commenced:  
Pit Approval Number:  
Encroachment Permit No:  
NPDES Stormwater No:  

<table>
<thead>
<tr>
<th>Fresh Water Amt./Depth</th>
<th>Salt Water Amt./Depth</th>
<th>Coal Thick/Depth</th>
<th>Formations Oil/Depth</th>
<th>Gas/Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Drilling / Plugging**  
Filling Material & Plugs  
Casing & Tubing  
From | To  | Size | Pulled | Left |
|------|-----|------|--------|------|

**Remarks:**  
ROUTINE SEMI-ANNUAL SITE INSPECTION. MET JAY MILLER ONSITE & DISCUSSED FACILITY AND ITS OPERATION. ID SIGN IN PLACE, TANKS AND EQUIPMENT APPEAR AS NORMAL. SUMP SYSTEM OPERATING. SITE SNOW COVERED BUT E&S. APPEARS OK.

Sample No(s):  
Location/Description:  
Certified Mail No:  
Date Mailed:  
Name: MICHAEL MORGAN  
DER Rep: Michael Weigl  
OGI-9511  

(DISP. WELL INSPE: TAG, E&S, FLUIDS OIL)  
REGIONAL FILE