Lease Operator: Heartland Oil & Gas Corporation
Address: 1610 Industrial Park Drive Paola KS 66071
Phone: (913) 294-1400 Operator License #: 33233
Type of Well: Gas
(Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) (If SWD or ENHR)
The plugging proposal was approved on: 1-23-06 (Date)
by: Taylor Herman (KCC District Agent’s Name)
Is ACO-1 filed? Yes ☑ No ☐ If not, is well log attached? Yes ☑ No ☐
Producing Formation(s): List All (If needed attach another sheet)

<table>
<thead>
<tr>
<th>Depth to Top</th>
<th>Bottom</th>
<th>T.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2270</td>
</tr>
</tbody>
</table>

Show depth and thickness of all water, oil and gas formations.

<table>
<thead>
<tr>
<th>Oil, Gas or Water Records</th>
<th>Casing Record (Surface Conductor &amp; Production)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formation</td>
<td>From</td>
</tr>
<tr>
<td>Surface</td>
<td>GL</td>
</tr>
<tr>
<td>Production</td>
<td>GL</td>
</tr>
</tbody>
</table>

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Ran tubing and tagged at 2208’. Pumped 43.0 bbls of gelled water and pumped 15 sx of Class A cement and displaced with 8.0 bbls of gelled water. Had gelled water from 2077’ to 250’ and cement from 2208’ to 2077’. Pulled tubing to 251’ and circulated 30 sx of Class A cement to surface.

Name of Plugging Contractor: Hurricane Well Service, Inc.
License #: 32006
Address: PO Box 782228 Wichita KS 67278-2228

Name of Party Responsible for Plugging Fees: Hurricane Well Service, Inc.
County: Sedgwick, ss.
State of Kansas

Darrel G. Walters (Employee of Operator) or (Operator) on above-described well, being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

(Signature)  
(Address) PO Box 782228 Wichita KS 67278-2228

SUBSCRIBED and SWORN TO before me this 6th day of March, 2006

Notary Public

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas
<table>
<thead>
<tr>
<th>Quantity</th>
<th>MATERIAL USED</th>
<th>Serv. Charge</th>
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<tbody>
<tr>
<td>45 x</td>
<td>Class A</td>
<td>550.00</td>
</tr>
<tr>
<td>135 x</td>
<td>CCL</td>
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</table>

5/4

BULK CHARGE

BULK TRK. MILES 2.4 TON

PUMP TRK. MILES

PLUGS

SALES TAX

TOTAL

<table>
<thead>
<tr>
<th>T.D.</th>
<th>CSG. SET AT</th>
<th>SIZE HOLE</th>
<th>MAX. PRESS.</th>
<th>PLUG DEPTH</th>
<th>TIME FINISHED</th>
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</thead>
<tbody>
<tr>
<td>2270</td>
<td>3275'</td>
<td>7 1/8</td>
<td>1000</td>
<td>2208-2077/0-251'</td>
<td>6:00'</td>
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</tbody>
</table>

REMARKS: See Attachmen

EQUIPMENT USED

<table>
<thead>
<tr>
<th>NAME</th>
<th>UNIT NO.</th>
<th>NAME</th>
<th>UNIT NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sam Argo</td>
<td># 94</td>
<td>Jeff Straus</td>
<td># 91</td>
</tr>
<tr>
<td>Neal</td>
<td></td>
<td>Owner's Rep.</td>
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</tr>
</tbody>
</table>

Cement and Acid Service Ticket:

T 1271

RECEIVED
MAR 06 2006

KCC WICHITA
Cement Data:

- **Spacer Type:** Gel/Slu- H₂O
- **Amt:** 15
- **Brine Yield:** 10
- **Mud Density:** 1.2 PPG

Lead:
- **Pump Time:** 0.5 hrs
- **Type:** CLASS A
- **Amt:** 45
- **Brine Yield:** 1.17
- **Mud Density:** 15.2 PPG

Tail:
- **Pump Time:** 1.5 hrs
- **Type:** Excess
- **Amt:** 25
- **Brine Yield:** 1.5
- **Mud Density:** 15.2 PPG

Water:
- **Lead:** 5.2
- **Galevik Tail:** Galevik Total: 5.5 Bbls

Acid Type:
- **Pump Truck Used:** 84
- **Bulk Equipment:** 91

Float Equip: Manufacturer:
- **Shoe Type:** Depth
- **Float Type:** Depth
- **Centralizers:** Quantity
- **Plugs Top:** Bbl

Cement: 

- **Stage Collars:**
- **Special Equip:**

Disp. Fluid Type:
- **Amt:** Bbls
- **Weight:** PPG

COMPANY REPRESENTATIVE: New Rupp

<table>
<thead>
<tr>
<th>TIME</th>
<th>PRESSURES PSI</th>
<th>FLUID PUMPED DATA</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AM / PM</td>
<td>DRILL PIPE CASING</td>
<td>ANNUAL Desired</td>
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<tr>
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<td></td>
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</tbody>
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Final Disp: Press: 13.5 Bbls