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)

The plugging proposal was approved on: 1-16-06
(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>2364</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.

On 2-16-06, ran tubing and tagged at 2360’. Pumped 30.0 bbls of gelled water and pumped 15 sx of Class A cement displaced with 8.5 bbls of gelled water and pulled tubing. On 2-17-06, ran tubing to 283’ and circulated 30 sx of Class A cement to surface.

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

Name of Party Responsible for Plugging Fees: Hurricane Well Service, Inc.
State of Kansas County, Sedgwick, ss.
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) Licia M. Clark
(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 2076, Wichita, Kansas 67202

[Notary Seal]

LYLIA M. CLARK
My Appt. Exp. 12-21-07
<table>
<thead>
<tr>
<th>Quantity</th>
<th>MATERIAL USED</th>
<th>Serv. Charge</th>
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</thead>
<tbody>
<tr>
<td>1/2</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Cell</td>
<td></td>
</tr>
</tbody>
</table>

BULK CHARGE

BULK TRK. MILES 2.6 TON

PUMP TRK. MILES

PLUGS

SALES TAX

TOTAL

T.D. 2368

SIZE HOLE 7 1/8

MAX. PRESS. 1000

PLUG DEPTH 2234-2360

PLUG USED Class A

T.D. 2350

CSG. SET AT 2350

SIZE PIPE 4 1/2 CS6 - 2 3/8 TUB 235

PKER DEPTH

TIME FINISHED 6:30

REMARKS: See Attachment

RECEIVED

MAR 06 2006

KCC WICHITA

---

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>84</td>
<td>Jerry Straker</td>
<td>91</td>
</tr>
</tbody>
</table>

CEMENTER OR TREATER

OWNER'S REP.
### Hurricane Truck Services, Inc.

**Address:** P.O. Box 762228, Wichita, KS 67278-2228

#### Acid/Cementing Log

<table>
<thead>
<tr>
<th>Date</th>
<th>2-16/2-17-06 (Drilled MADISON)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company</td>
<td>HEARTLAND CCL-GAS</td>
</tr>
<tr>
<td>Rig</td>
<td>1</td>
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<tr>
<td>Lease</td>
<td>02-11-2001</td>
</tr>
<tr>
<td>Well No</td>
<td>12-24</td>
</tr>
<tr>
<td>County</td>
<td>JACKSON</td>
</tr>
<tr>
<td>State</td>
<td>KS</td>
</tr>
<tr>
<td>Location</td>
<td>Field</td>
</tr>
</tbody>
</table>

**Casing Data:**
- **Size:** 4 1/2
- **Type:** Lite
- **Weight:** 10.5
- **Collar:** Long
- **Top Depth:** 9578.200
- **Bottom Depth:** 4187.235

**Drill Pipe:** Size 7 1/4, Weight 33.0, Collars

**Open Hole:** Size 4 1/2

**Capacity Factors:**
- **Casing:** Bbls/lin. ft. 0.0159, Lin. ft/Bbl. 62.70
- **Open Holes:** Bbls/lin. ft. 0.0101, Lin. ft/Bbl. 97.57
- **Drill Pipe:** Bbls/lin. ft. 0.0089, Lin. ft/Bbl. 225.6
- **Annulus:** Bbls/lin. ft. 0.0089, Lin. ft/Bbl. 225.6
- **Tubing:** Bbls/lin. ft. 0.0089, Lin. ft/Bbl. 225.6

**Perforations:** From 4187.235 ft. to 4187.235 ft.

**Packer Setting:** B Plugs/Depth

**Company Representative:** NEAL KUPP

#### Pressures PSI

<table>
<thead>
<tr>
<th>AM/PM</th>
<th>Drilling &amp; casing</th>
<th>Annulus</th>
<th>Total Fluid</th>
<th>Pumped Per Time Period</th>
<th>Rate (psi/min)</th>
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</thead>
<tbody>
<tr>
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<tr>
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</tr>
<tr>
<td>AM</td>
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<tr>
<td>PM</td>
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<tr>
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</tr>
<tr>
<td>PM</td>
<td>4.15</td>
<td>8.5</td>
<td>8.5</td>
<td>8.5</td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**
- **2-16-06:**
  - Run Casing 9 7/8" @ 2360' - Load hole.
  - CEMENT 21/2'- Pull Tubing
  - CEMENT 2164-2360

- **2-17-06:**
  - Attempt to Shot Casing off Unplugged full.
  - Run 284' Casing 9 7/8" - Load hole.
  - Hose Leaks - Start Cement 3/4" - Pull Tubing
  - CEMENT 2164-2360

- **Used 455X Cement 10.5% CBL**

**Received:**
- **MAR 06, 2006**
- **KCC WICHITA**