**KANSAS CORPORATION COMMISSION**  
**OIL & GAS CONSERVATION DIVISION**  
**WELL PLUGGING RECORD**  
K.A.R. 82-3-117  

**Lease Operator:** Heartland Oil & Gas Corporation  
**Address:** 1610 Industrial Park Drive Paola KS 66071  
**Phone:** (913) 294-1400  
**Operator License #:** 33233  
**API Number:** 15-005-20107-00-00  
**Lease Name:** Walnut  
**Well Number:** 33-1  
**Spot Location (QQQQ):** 1882  
**Feet from North:** ✓  
**S/2 NE:** ✓  
**1373 Feet from East:** ✓  
**Sec. 33 Twp. 6 S. R. 21:** ✓  
**County:** Atchison  
**Date Well Completed:** 5-12-03  
**Plugging Commenced:** 3-01-06  
**Plugging Completed:** 3-01-06

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**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>Content</td>
</tr>
<tr>
<td>Surface</td>
<td>GL</td>
</tr>
<tr>
<td>Production</td>
<td>GL</td>
</tr>
</tbody>
</table>

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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 1490’. Pumped 10 bbls of gelled water (2 sx). Had gel from 1458’ to 1490’. With tubing at 1459’, pumped 10 bbls (2 sx) of gelled water. Pumped 30 sx of Class A cement with 1 sx of Cottonseed hulls and displaced with 6.75 bbls of gelled water (1 sx). Had gel from 275’ to 1117’ and cement from 1117’ to 1459’. With tubing at 274’, circulated cement to surface with 30 sx of Class A cement.

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**Name of Plugging Contractor:** Hurricane Well Service, Inc.  
**License #:** 32006  
**Address:** PO Box 782228 Wichita KS 67278-2228  
**Name of Party Responsible for Plugging Fee:** Hurricane Well Service, Inc.  
**State:** Kansas  
**County:** Sedgwick  
**Darrel G. Walters**  

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**Name of Operator:**  
**Address:** KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202  
**Date:** 12-21-07  
**Notary Public:**

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**Subscribed and Sworn to before me this 59th day of January 2006**

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(Signature)

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**My Commission Expires:** 12-21-07

---

**License:** 32006  
**KCC**  
**RECEIVED**  
**JUL 05 2006**

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**Address:** PO Box 782228 Wichita KS 67278-2228  
**Address:**

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**Notary Public**

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(LYLLA M. CLARK)  
**My Appl Exp. 12-21-07**
HURRICANE TRUCK SERVICES, INC.
P.O. BOX 782228
WICHITA, KS 67278-2228

Cement and Acid
Service Ticket
T 1285

DATE 3-1-06

COUNTY ANDREW CITY

CHARGE TO HEARTLAND OIL & GAS CORPORATION

ADDRESS

LEASE & WELL NO. WALNUT 33-1 CONTRACTOR HURRICANE PRO B

KIND OF JOB PLUG TO ABANDON SEC. 3 TWP. 6 RGE. 21 EAST

DIR. TO LOC. 120°P - OLD NEW

<table>
<thead>
<tr>
<th>Quantity</th>
<th>MATERIAL USED</th>
<th>Serv. Charge</th>
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</thead>
<tbody>
<tr>
<td>60x</td>
<td>CLASS A</td>
<td>550.00</td>
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<tr>
<td>5x</td>
<td>GELL</td>
<td></td>
</tr>
<tr>
<td>1x</td>
<td>COTTON SEED HULLS</td>
<td></td>
</tr>
<tr>
<td>65x</td>
<td>BULK CHARGE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BULK TRK. MILES 31/10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PUMP TRK. MILES</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PLUGS</td>
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</tbody>
</table>

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 05 2006

CONSERVATION DIVISION
WICHITA, KS

SALES TAX

TOTAL

T.D. 1582 PBDT 1490

CSG. SET AT 1576 VOLUME

SIZE HOLE 7 7/8

TBG SET AT

MAX. PRESS. 800

SIZE PIPE 2 7/8 TUB - 5/16 CSG.

PLUG DEPTH 1457-1459 / 0-274'

PKER DEPTH

TIME FINISHED 5:00

REMARKS:

SEE ATTACHMENT

EQUIPMENT USED

NAME: SAM AREN
UNIT NO. 84

NAME: SELLY STRAKER
UNIT NO. 81

CEMENTER OR TREATER

OWNER'S REP.
## Hurricane Truck Services, Inc.
P.O. Box 782228
Wichita, KS 67278-2228

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### Acid/Cementing Log

**Cement Data:**
- **Spacer Type:** Gelled H₂O
- **Arm:** 5
- **Spa Yield:** 1500
- **Mud Density:** PPG

**Lead:**
- **Pump Time:** 15x CSM
- **Arm:** 6
- **Spa Yield:** 1117
- **Mud Density:** 1512 PPG

**Tail:**
- **Pump Time:** 15x CSM
- **Arm:** 6
- **Spa Yield:** 1117
- **Mud Density:** 1512 PPG

**Water:**
- **Lead:** 5x 1, 5x 1
- **Mud:**

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### Kansas Corporation Commission

**Conservation Division**
**Wichita, KS**

**Received:** JUL 05 2006

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### Company Representative

**Neal Rupp**

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### Time Pressures PSI

<table>
<thead>
<tr>
<th>AM / PM</th>
<th>Drill Pipe</th>
<th>Annulus</th>
<th>Total Fluid</th>
<th>Pumped Per Time Period</th>
<th>Rate (Bbl Min)</th>
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</thead>
<tbody>
<tr>
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<td>1.0</td>
<td>10.0</td>
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<td>4.0</td>
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<tr>
<td>10:00</td>
<td>20.0</td>
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<td>1.0</td>
<td>10.0</td>
<td></td>
<td>4.0</td>
</tr>
</tbody>
</table>

**Remarks:**
- Gelled H₂O - Pull Tub to 1457
- Gelled H₂O - Pull Tub to 1457
- Gelled H₂O - Pull Tub to 1457
- Gelled H₂O - Pull Tub to 1457

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**Final Dump Press:**
- **PSI:** 5 MIN.
- **PSI:** 10 MIN.
- **PSI:** 15 MIN.

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**Remarks:**
- Used 60x Class A
- 55x Cell

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**Fax:** (316) 689-437 8881

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**Final Dump Press:**
- **PSI:** 5 MIN.
- **PSI:** 10 MIN.
- **PSI:** 15 MIN.