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

Type of Well: Gas
Docket #: 
(Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic; Other) (IF SWD or ENHR)
The plugging proposal was approved on: 2-17-06 (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>1575</td>
<td></td>
<td></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>Content</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 1541’. Pumped 15 bbls of gelled water (2.5 sx). Had gel from 1492’ to 1541’. With tubing at 1492’, pumped 22 bbls (5.5 sx) of gelled water. Pumped 35 sx of Class A with 1 sx of Cottonseed hulls. Had gel from 275’ to 1204’ and cement from 1204’ to 1492’. With tubing at 286’, circulated cement to surface with 30 sx of Class A cement.

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
Darrel G. Walters

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

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

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form CP-4
December 2003
Type or Print on this Form
Form must be Signed
All blanks must be filled

API Number: 15 - 005-20105-00-00

License #: 32006

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 05 2006
CONSERVATION DIVISION
WICHITA, KS

SUBSCRIBED and SWORN TO before me this 5th day of July, 2006

Notary Public

My Commission Expires: 12-21-2007

LYLIA M. CLARK
### Hurricane Truck Services, Inc.
P.O. Box 782228
Wichita, KS 67278-2228

**Cement and Acid Service Ticket**
**T 1287**

**Date:** 3-6-06

**Charge To:** Heritage Oil & Gas Corp

**Address:**

**County:** Arch
**City:** 
**ST:** 
**ZIP:**

**Lease & Well No.:** Walnut 32-1  
**Contractor:** Hurricane Rig 4-7

**Kind of Job:** Plug & Abandon  
**Sec.:** 38  
**Twp.:** 6  
**Rng.:** 21  
**EAST:**

**Dir. To Loc.:**

**Quantity** | **Material Used** | **Serv. Charge** | **550.00**
---|---|---|---
6.5k | Class A |  |  
9.5k | Gel |  |  
1.5k | Cotton Seed Hulls |  |  

| **Quantity** | **Material Used** | **Serv. Charge** | **550.00** |
---|---|---|---|
74.5k | Bulk Charge |  |  

**Bulk Trk. Miles:** 3.5 Ton
**Pump Trk. Miles:**

**Plugs**

**SALES TAX**
**TOTAL**

**T.D.:** 1575  
**PBTD:** 1541

**CSG. SET AT:** 1570  
**VOLUME:**

**SIZE HOLE:** 71/8

**MAX. PRESS.:** 850

**PLUG DEPTH:** 1204-1492 - 0-86

**PLUG USED:** Class A

**REMARKS:** See Attachment

---

**EQUIPMENT USED**

| **NAME** | **UNIT NO.** | **NAME** | **UNIT NO.** |
---|---|---|---|
Sam Fargo | 84 | Jerry Straker | 91 |

**Cementer or Treater**

**Owner's Rep.**
## CEMENT DATA:

**Spacer Type:** Gelled H₂O

**Amt.:** 9

**Skg Yield:**

**Nl/Min Density:** 14.7 PPG

### LEAD:

**Pump Time:** 11:41

**Lites:** 11

**Excess:**

**Amt.:**

**Skg Yield:** 1.17

**Nl/Min Density:** 15.12

**Tail:**

**Pump Time:** 11:41

**Lites:** 6

**Excess:**

**Amt.:**

**Skg Yield:**

**Nl/Min Density:** 14.7 PPG

### WATER:

**Lites:** 5.12

**gals/ft Tail:**

**gals/ft Total:** 15.12

### Acid Type:

**Pump Truck Used:** 94

**Bulk Equipment:** 91

**RECEIVED:** JUL 05 2006

**KANSAS CORPORATION COMMISSION:** 91

**CONSERVATION DIVISION:**

**VIGAHTA, KS:**

**Float Equip. Manufacturer:**

**Shoe Type:**

**Float Type:**

**Centralizer Quantity:**

**Plug Type:**

**Blm:**

**Stage Collars:**

**Special Equip.:**

**Dep. Fluid Type:**

**Aml. Obv. Weight:** 15.12

**Fluid Type:**

**Weight:** 14.7 PPG

## COMPANY REPRESENTATIVE:

**NEAL KEEP**

### PRESSURES PSI

<table>
<thead>
<tr>
<th>AM/PM</th>
<th>DRILL PIPE CASING</th>
<th>ANNULAGE</th>
<th>TOTAL FLUID</th>
<th>Pumped Per Time Period</th>
<th>RATE gals Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>160</td>
<td>160</td>
<td>17</td>
<td>17</td>
<td>3.0</td>
<td>3.0</td>
</tr>
<tr>
<td>160</td>
<td>160</td>
<td>22</td>
<td>15</td>
<td>3.0</td>
<td>2.2</td>
</tr>
<tr>
<td>160</td>
<td>160</td>
<td>22</td>
<td>15</td>
<td>3.0</td>
<td>2.2</td>
</tr>
<tr>
<td>160</td>
<td>160</td>
<td>22</td>
<td>15</td>
<td>3.0</td>
<td>2.2</td>
</tr>
<tr>
<td>160</td>
<td>160</td>
<td>22</td>
<td>15</td>
<td>3.0</td>
<td>2.2</td>
</tr>
</tbody>
</table>

### REMARKS

- Run Tub @ 1541 Lb/ft
- Lost 950 psi
- No penetration
- Tub 1452-1541 - Pull Tub
- Cement 152-1541 - Pull Tub
- Cement 152-1541 - Pull Tub
- Cement 152-1541 - Pull Tub

**USE:**

- 65.5% CLASS A
- 95% Gel
- 13 X Cotton Seed Oil