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

API Number: 15-005-20101-00-00
Lease Name: Kcc 717/B6 PCC 1
Well Number: 1
Spot Location (QQQQ): NW SE NW
1650 Feet from North / South Section Line
1650 Feet from East / West Section Line
Sec. 5 Twp 6 S. R. 18 East / West
County: Atchison
Date Well Completed: 8-12-02
Plugging Commenced: 3-15-06
Plugging Completed: 3-15-06

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 cm KCC 717/B6 PCC 1
(If SWD or ENHR)
The plugging proposal was approved on: 3-10-06 (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)
______________________________ Depth to Top: Bottom: T.D. 2060

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 2060'. Pumped 38 bbls of gelled water (9 sx). Pumped 15 sx of Class A cement and displaced with 11 bbls of gelled water (3 sx). Pulled tubing to 284' and pumped 30 sx of Class A cement to surface. Had cement from 1885' to 2060', gel from 284' to 1885' and cement from surface to 284'.

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 (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) 2006

(Address) PO Box 782228 Wichita KS 67278-2228

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

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
**Charge to:** Heartland Oil & Gas Corp  
**Address:**

**Lease & Well No.:** JV-P Hawk #1  
**Contractor:** Hurricane Well Service Inc  
**Kind of Job:** Plug to Abandon  
**Sec.:** 5  
**Twp.:** 16  
**Rng.:** 18 East  
**Date:** 7-15-06

**County:** Atchison  
**City:**

**Dir. to Loc.:**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Material Used</th>
<th>Serv. Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>45.5x</td>
<td>Class A</td>
<td>$500.00</td>
</tr>
<tr>
<td>10.5x</td>
<td>CB</td>
<td></td>
</tr>
<tr>
<td>57.5x</td>
<td>Bulk Charge</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bulk Trk. Miles</td>
<td>2.7 Ton</td>
</tr>
<tr>
<td></td>
<td>Pump Trk. Miles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Plugs</td>
<td></td>
</tr>
</tbody>
</table>

**Received:** Kansas Corporation Commission  
**JUL 05, 2006**

**Conservation District:** Wichita, KS  
**P/C:**

**Sales Tax:**

**Total:**

**T.D.:** 2060  
**FBDT 2016:**

**Size Hole:**

**Max. Press.:** 500  
**Size Pipe:** 2 3/4" TUB/5 1/2" ESC.

**Plug Depth:** 18.5'-20.6'  
**Plug Used:** Class A  
**Plug Set at:** 2060  
**Volume:**

**Remarks:** See Attachment

**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 Agee</td>
<td>99</td>
<td>Jerry Striker</td>
<td>91</td>
</tr>
</tbody>
</table>

**Owner's Rep.:**

**Cementer or Treater:**
Date: 3-15-06  District: Madison  Ticket No: 1361
Company: Heartland Oil & Gas  Fig: 2
Lease: JV-P Hawk  Well No: 1
County: ATCass  State: 
Location: 

Casing Data: 
- Depth: 857.8 - 624.6 
- Bottom: 512.2 - 2060.0
- Casing: 5-1/2  Type: LTB  Weight: 15.5  Collar: 1205

Drill Pipe: Size: 2060  Weight: 33.4  Collar: 

Capacity Factors:
- Casing: Bbl/Lin. ft: 0.035  Lin. ft/Bbl: 42.01
- Open Hole: Bbl/Lin. ft: 
- Drill Pipe: Bbl/Lin. ft: 0.055  Lin. ft/Bbl: 65.71
- Annular: Bbl/Lin. ft: 0.0152  Lin. ft/Bbl: 65.71
- Tubing: Bbl/Lin. ft: 0.0048  Lin. ft/Bbl: 172.76
- Perforations: From: 1280  To: 
- Amt: 0
- B-Plug Depth: 

Cement Data:
- Type: Gelled H2O
- Amount: 12  Sll Yield: 1.17  Mck Density: 15.2  PPG
- Lead: Pump Time: 
- Tail: Pump Time: 
- Amt: 
- Eka Yield: 5.12  Mck Density: 15.2  PPG
- Water: Liquid: 5.12  Gallons: 

Acid Data:
- Type: 
- Amount: 
- Bbl: 
- Weight: 
- PPG: 

Flow Equip: Manufacturer: 
- Size: 
- Depth: 
- Flow: Type: 
- Depth: 
- Centralizers: Quantity: 
- Plug Top: 
- Bbl:
- Stagger Collars: Special Equip: 
- Disp. Fluid Type: 
- Amt:  
- Bbl: Weight: 
- PPG: 

Cementer/Treater: Neal Kopp

Company Representative: Taylor Hernandez (KCC)

<table>
<thead>
<tr>
<th>TIME</th>
<th>PRESSURES PSI</th>
<th>FLUID PUMPED DATA</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM/PM</td>
<td>DRILL PIPE CASING</td>
<td>ANNULUS</td>
<td>TOTAL FLUID</td>
</tr>
<tr>
<td>200</td>
<td>3.0</td>
<td>1</td>
<td>2.0</td>
</tr>
<tr>
<td>500</td>
<td>3.0</td>
<td>3.0</td>
<td>Gelled H2O, Start Cement (530)</td>
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<tr>
<td>400</td>
<td>4.1</td>
<td>0</td>
<td>3.0</td>
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<tr>
<td>0</td>
<td>5.0</td>
<td>11.0</td>
<td>Cement ID - First Pull Tubing</td>
</tr>
<tr>
<td>100</td>
<td>3.0</td>
<td>2.0</td>
<td>3.0</td>
</tr>
<tr>
<td>100</td>
<td>2.0</td>
<td>3.0</td>
<td>Caltex 7500 - Start Cement (530)</td>
</tr>
<tr>
<td>0</td>
<td>6.25</td>
<td>0</td>
<td>Cement 0 - 270</td>
</tr>
</tbody>
</table>

Remarks: 45.5% Class A (2.5 x 62)

Received: Kansas Corporation Commission
JUL 05 2006

Conservation Division
Wichita, KS