KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION BOARD

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

API No. 15 - 0333-21362-00-00

County: Comanche 10° N & 50E of

C S2 N2 SE Sec 3 Twp 35E S R 16 N East W

1750' feet from N (circle one) Line of Section

1270' feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) SE NW SW

Lease Name: Aetna

Field Name: Aetna

Producing Formation: Viola

Elevation: 1825

Kelly Bushing: 1838

Total Depth: 5788' Plug Back Total Depth: 5788'

Amount of Surface Pipe Set and Cemented at 380' Feet

Multiple Stage Cementing Collar Used:

☐ Yes ☐ No

If yes, show depth set:

Feet

If Alternate II completion, cement circulated from:

foot depth to

w

sx cmnt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

All

Chloride content 12000 ppm Fluid volume 300 bbls

Dewatering method used Hauled Off-Site

Location of fluid disposal if hauled offsite:

Operator Name: KBW Oil & Gas

Lease Name: Harmon SWD

License No. 5993

Quarter NW Sec 11 Twp 33S S R 20 W

East

County: Comanche

Docket No. D-98,329

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita. Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rules 82-3-107 in confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of any knowledge.

Signature:

Title: Production Supr Date: 7-30-2003

Subscribed and sworn to before me this 20 day of

2003

Notary Public:

Date Commission Expires: 11/4/03

KCC Office Use ONLY

☐ Yes ☐ No

Wireline Log Received

Geologist Report Received

UIC Distribution

☐ Yes ☐ No

Letter of Confidentiality Attached

If Denied, Yes ☐ Date: 11/4/03

DEBRA J. PURCELL
Notary Public - State of Kansas
INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressure, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)
- Yes ☐ No ☑

Samples Sent to Geological Survey
- Yes ☐ No ☑

Cores Taken
- Yes ☐ No ☑

Electric Log Run
- Yes ☑ No ☐

List All E. Logs Run:
- KCC

CNL/GR Dual IND.

CONFIDENTIAL

KCC
JUL 3 3 2003

CONFIDENTIAL

KCC WICHITA

AUG 0 1 2003

CASING RECORD ☐ New ☑ Used

Report all strings set-conductor, surface, intermediate, production, etc.

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size casing Set (in O.D.)</th>
<th>Weight Lbs. / Ft</th>
<th>Setting Depth</th>
<th>Type of Cement</th>
<th># Bags Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12 1/4&quot;</td>
<td>8-5/8&quot;</td>
<td>23#</td>
<td>380'</td>
<td>Class A</td>
<td>250</td>
<td>3%cc/2%gel</td>
</tr>
<tr>
<td>Production</td>
<td>7-7/8&quot;</td>
<td>5-1/2&quot;</td>
<td>17#</td>
<td>5788'</td>
<td>SMDC</td>
<td>150</td>
<td>1/4#flocelite</td>
</tr>
</tbody>
</table>

ADDITIONAL CEMENTING / SQUEEZE RECORD

<table>
<thead>
<tr>
<th>Purpose:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Perforate</td>
</tr>
<tr>
<td>- Protect Casing</td>
</tr>
<tr>
<td>- Plug Back TD</td>
</tr>
<tr>
<td>- Plug Off Zone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shot per Foot</th>
<th>PERFORATION RECORD - Bridge Plugs Set/Type</th>
<th>Spcifty Footage of Each Interval Perforated</th>
<th>Acid Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>5780' - 5784', 5770' - 5774</td>
<td></td>
<td>NO</td>
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</table>

TUBING RECORD

<table>
<thead>
<tr>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Liner Run</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3/8&quot;</td>
<td>5750'</td>
<td>5753'</td>
<td>☐ Yes ☑ No</td>
</tr>
</tbody>
</table>

Date of First, Resumed Production, SWD or Enhr.

Producing Method
- Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) ☑

Estimated Production Per 24 Hours

<table>
<thead>
<tr>
<th>Oil</th>
<th>Gas</th>
<th>Water</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
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</thead>
<tbody>
<tr>
<td>SI</td>
<td>SI</td>
<td>SI</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Disposition of Gas
- Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18) ☑

METHOD OF COMPLETION
- Open Hole ☐ Perf. ☑ Dually Comp. ☐ Commingled ☐

Production Interval
<table>
<thead>
<tr>
<th>Location</th>
<th>Depth 1</th>
<th>Depth 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heebner</td>
<td>4305'</td>
<td>-2467</td>
</tr>
<tr>
<td>Lansing</td>
<td>4503'</td>
<td>-2665</td>
</tr>
<tr>
<td>Swope</td>
<td>4896'</td>
<td>-3058</td>
</tr>
<tr>
<td>Hertha</td>
<td>4942'</td>
<td>-3104</td>
</tr>
<tr>
<td>BKC</td>
<td>4973'</td>
<td>-3135</td>
</tr>
<tr>
<td>Marmaton</td>
<td>5022'</td>
<td>-3184</td>
</tr>
<tr>
<td>Pawnee</td>
<td>5091'</td>
<td>-3253</td>
</tr>
<tr>
<td>Fort Stott</td>
<td>5128'</td>
<td>-3290</td>
</tr>
<tr>
<td>Cherokee</td>
<td>5142'</td>
<td>-3304</td>
</tr>
<tr>
<td>Miss</td>
<td>5198'</td>
<td>-3360</td>
</tr>
<tr>
<td>Viola</td>
<td>5770'</td>
<td>-3932</td>
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</table>
**CEMENTING LOG**

**STAGE NO.**

**CEMENT DATA:**
- **Spacer Type:**
- **Amt.:**
- **Sks Yield:**
- **ft³/sk Density:**
- **PPG:**

**LEAD:**
- **Pump Time:**
- **hrs.:**
- **Type:**
- **Excess:**
- **Amt.:**
- **Sks Yield:**
- **ft³/sk Density:**
- **PPG:**

**TAIL:**
- **Pump Time:**
- **hrs.:**
- **Type:**
- **Excess:**
- **Amt.:**
- **Sks Yield:**
- **ft³/sk Density:**
- **PPG:**

**WATER:**
- **Lead:**
- **gals/sk Tail:**
- **gals/sk Total:**
- **Bbls.:**

**Pump Trucks Used:**
- **359 - 10.5 C**

**Bulk Equip.:**
- **369 - 110 Y C**

**Casing Data:**
- **PTA:**
- **Squeeze:**
- **Intermediate:**
- **Production:**
- **Liner:**

**Size:**
- **Weight:**
- **KCC**

**Casing Depths:**
- **Top:**
- **Bottom:**

**Drill Pipe:**
- **Size:**
- **Weight:**
- **Collars:**

**Open Hole:**
- **Size:**
- **T.D.:**
- **P.B. to:**

**CAPACITY FACTORS:**
- **Casing:**
- **Bbls./Ll ft.:**
- **Lin. ft./Bbl:**
- **Open Holes:**
- **Bbls./Ll ft.:**
- **Lin. ft./Bbl:**
- **Drill Pipe:**
- **Bbls./Ll ft.:**
- **Lin. ft./Bbl:**
- **Annulus:**
- **Bbls./Ll ft.:**
- **Lin. ft./Bbl:**

**Perforations:**
- **From:**
- **ft. to:**
- **ft. Amt.:**

**COMPANY REPRESENTATIVE:**
- **K-a McGee**

**CEMENTER:**
- **(Sign)**

**TIME | PRESSURES PSI | FLUID PUMPED DATA | REMARKS**

<table>
<thead>
<tr>
<th>AM/PM</th>
<th>DRILL PIPE CASING</th>
<th>ANNULUS</th>
<th>TOTAL FLUID</th>
<th>Pumped Per Time Period</th>
<th>RATE Bbls./Min.</th>
<th></th>
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<tbody>
<tr>
<td>32 PM</td>
<td>11360</td>
<td>1100</td>
<td>1700</td>
<td>10/26/2003</td>
<td>641,540</td>
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<tr>
<td>40 PM</td>
<td>2055</td>
<td>2135</td>
<td>2135</td>
<td>10/26/2003</td>
<td>641,540</td>
<td></td>
</tr>
</tbody>
</table>

**REMARKS:**
- **10-26-2003 D-11P E-8 H-2 2135**
- **10-26-2003 D-11P E-8 H-2 2135**

**RECEIVED**
- **AUG 01 2003**
- **KCC WICHITA**

**RELEASED FROM CONFIDENTIAL**

**FINAL DISP. PRESS:**
- **300 PSI**

**BUMP PLUG TO:**
- **500 PSI**

**BLEEDBACK:**
- **BBLs.**

**THANK YOU**
To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNED ___________________  
Printed Name  ___________________
<table>
<thead>
<tr>
<th>PRICE REFERENCE</th>
<th>SECONDARY REFERENCE/ PART NUMBER</th>
<th>ACCOUNTING LOC</th>
<th>ACCT</th>
<th>DF</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
<th>UM</th>
<th>QTY.</th>
<th>UM</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
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<td>1</td>
<td>MILEAGE</td>
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<td>mc</td>
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<tr>
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<td>1</td>
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<td>50.00</td>
<td>50.00</td>
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<td>50.00</td>
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<td>125.00</td>
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</tbody>
</table>

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions. MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

**REMIT PAYMENT TO:**

**SWIFT SERVICES, INC.**
P.O. BOX 466  
NESS CITY, KS  67560  
785-798-2300

---

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES**
The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!
<table>
<thead>
<tr>
<th>PRICE REFERENCE</th>
<th>SECONDARY REFERENCE/PART NUMBER</th>
<th>ACCOUNTING LOC</th>
<th>ACCOUNT</th>
<th>DEPT</th>
<th>TIME</th>
<th>DESCRIPTION</th>
<th>QTY</th>
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<th>UNIT PRICE</th>
<th>AMOUNT</th>
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<tr>
<td>330</td>
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<td>SWIFT MULT MULTY STANDARD</td>
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<td>M3</td>
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<th>SERVICE CHARGE</th>
<th>CUBIC FEET</th>
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<th>LOADED MILES</th>
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<td>15249</td>
<td>90</td>
<td>686.205</td>
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<td>CHART NO.</td>
<td>TIME</td>
<td>RATE (BPM)</td>
<td>VOLUME</td>
<td>PRESSURE (PSI)</td>
<td>DESCRIPTION OF OPERATION AND MATERIALS</td>
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<td>--------</td>
<td>---------------</td>
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<td></td>
<td>0200</td>
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<td>ON LOCATION</td>
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<tr>
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<td></td>
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<td>SWITC 5 1/2&quot; CASING 21 WELL</td>
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</tr>
<tr>
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<td>TD - 5788'</td>
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<tr>
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<td></td>
<td></td>
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<td>TP - 5792</td>
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<td>6</td>
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<td>WASH OUT PUMP - LINES</td>
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<td>1250 PUMP DOWN</td>
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<td>OK RELEASE PZ - HEAVY</td>
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<td>WASH UP</td>
</tr>
<tr>
<td></td>
<td>1100</td>
<td></td>
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<td>JOB COMPLETE</td>
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<tr>
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<td></td>
<td></td>
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<td>THANK YOU</td>
</tr>
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Note: The page contains confidential information.