API NO. 15-147-205800000

County Phillips

SE NE SE Sec. 14 Twp. 28 Rge. 19 X W

1650 Feet from S/X (circle one) Line of Section

330 Feet from E/X (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Kats SWDW Well 

Field Name

Producing Formation N/A

Elevation: Ground 2157 KB 2162

Total Depth 1800 PBD

Amount of Surface Pipe Set and Cemented at 214 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set

Feet

If Alternate II completion, cement circulated from 1792

feet depth to Surface 400

sx cmt.

Drilling Fluid Management Plan A-1-2 2-1798 VC

(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offsite

Operator Name

License No.

Lease Name

Quarter Sec. Twp. Rge. E/W

County Docket No.

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 82-3-103, 82-3-106 and 82-3-107 apply. Information on 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 rule 82-3-107 for 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 my knowledge.

Signature Robert C. Patton

Title Robert C. Patton Date 8-28-97

Subscribed and sworn to before me this 28 day of August 1997.

Notary Public

Date Commission Expires July 31, 2000
**CASING RECORD**

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># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>8 5/8</td>
<td></td>
<td>214'</td>
<td>60/40 poz</td>
<td>145</td>
<td>2% gel 3% cc</td>
<td></td>
</tr>
<tr>
<td>Production</td>
<td>4 1/2</td>
<td></td>
<td>1792'</td>
<td>50/50 poz</td>
<td>400</td>
<td>6% gel</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>Depth</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protect Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Back TD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Off Zone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATION RECORD - Bridge Plugs Set/Type**

Specify Footage of Each Interval Perforated

1353-1432

**Acid, Fracture, Shot, Cement Squeeze Record**

(Amount and Kind of Material Used) Depth

**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</td>
<td>1338'</td>
<td>1338'</td>
<td>Yes No</td>
</tr>
</tbody>
</table>

**Date of First, Resumed Production, SWD or Inj.**

September 1997

**Producing Method**

- Flowing
- Pumping
- Gas Lift
- Other (Explain)

**Estimated Production Per 24 Hours**

<table>
<thead>
<tr>
<th>Oil</th>
<th>Bbls.</th>
<th>Gas</th>
<th>Mcf</th>
<th>Water</th>
<th>Bbls.</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
</table>

**Disposition of Gas:**

- Vented
- Sold
- Used on Lease (If vented, submit ACO-18.)
- Open Hole
- Dually Comp.
- Commingled
- Other (Specify)

**METHOD OF COMPLETION**

- Injector
- Production Interval

1353-1432
### Allied Cementing Co., Inc.

**Address:** P.O. Box 31, Russell, Kansas 67665

**Federal Tax ID:** 8188

**Service Point:** 15-147, 30580 - 00-00

---

**Date:** 2-10-97

**Twp.:** 14

**Range:** 25

**Called Out:** Location

**On Location:**

**Job Start:** 11:00 AM

**Job Finish:**

---

**Lease:** Text

**Well #:** SWD

**Location:** Phillips Co., KS

**County:** Phillips

**State:** KS

---

**Contractor:** Martin

**Type of Job:** Production

**Hole Size:** 7" T.D.

**Casing Size:** 4.2" Depth

**Tubing Size:** Depth

**Drill Pipe:** Depth

**Tool:** Depth

**Pres. Max.:** Minimum

**Meas. Line:** Shoe Joint # 32

**Cement Left in CSG.:**

**Perfs.:**

**Displacement:** 9.5

---

**Owner:** Same

**Cement:**

**Amount Ordered:** 400 Yard 6% gyp

14 1/4 thousand lbs

**Common:**

**Pozmix:**

**Gel:**

**Chloride:**

---

**Equipment:**

**Pump Truck:** CEMENTER

**Helper:**

**Bulk Truck Driver:**

**Bulk Truck Driver:**

---

**Remarks:**

- [Handwritten remarks]

---

**Charge To:** Throughland Associates

**Street:** 50 Colonial Court

**City:** Wichita, KS

---

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 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.

---

**Signature:**

---

**Service:**

**Depth of Job:**

**Pump Truck Charge:**

**Extra Footage:**

**Mileage:**

**Plug:**

**Total:** 1321.15

---

**Float Equipment:**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guide Shoe</td>
<td>1400</td>
<td>140</td>
</tr>
<tr>
<td>SET Insert</td>
<td>2800</td>
<td>280</td>
</tr>
<tr>
<td>Rubber Plug</td>
<td>520</td>
<td>520</td>
</tr>
<tr>
<td>Specials</td>
<td>320</td>
<td>320</td>
</tr>
</tbody>
</table>

**Total:** 716

---

**Tax:**

**Total Charge:**

**Discount:**

**If paid in 30 days:**

---

**Printed Name:**
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.

SIGNATURE

Keith W. Ehrlich