API No. 15: 14720.570-00-U

County: Phillips

Sec 23 Twp 3 Rge 19 E

330 Feet from S 7/8 N (circle one) Line of Section
4950 Feet from E 1/4 W (circle one) Line of Section

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

Lease Name: Ehm
Well #: 2

Field Name: Stuttgart So.

Producing Formation: LKC

Elevation: Ground 2071 KB 2076

Total Depth: 3472 PSTD 3420

Amount of Surface Pipe Set and Cemented at: 208 Feet

Multiple Stage Cementing Collar Used?: X Yes No

If yes, show depth set: 1585 Feet

If Alternate ii completion, cement circulated from: 1585 Feet
depth to surf w/ 225 sx cmt

Drilling Fluid Management Plan ALT 2 8/8 11-19-96
(Data must be collected from the Reserve Pit)

Chloride Content: 2000 ppm Fluid volume: 500 bbls

Dewatering method used: Evaporate

Location of fluid disposal if hauled offsite:

Operator Name: KCC

Lease Name: License No:

Quarter Sec. Twp. Rng

County: Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover, or conversion of a well. Rule 82-3-1310 from 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 will be attached to 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: Sherry D. Date: 8/23/96
Title: Vice President

Subscribed and sworn to before me this 30th day of August

Notary Public: Paula R. Dunagan Date: March 2, 1997

KCCC OFFICE USE ONLY

Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received

Distribution

KCC
KGS
NGPA

(Specify)
### Casing Record

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Drilled</th>
<th>Size Casing (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>12 1/4</td>
<td>8-5/8</td>
<td>20#</td>
<td>208</td>
<td>60/40 Poz</td>
<td>140</td>
<td>2% gal, 3% cc</td>
</tr>
<tr>
<td>Production</td>
<td>7-7/8</td>
<td>4-1/2</td>
<td>10#</td>
<td>3471</td>
<td>ASC</td>
<td>200</td>
<td>10% salt 500 gal WFR2</td>
</tr>
</tbody>
</table>

### Additional Cementing/Squeeze Record

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Depth Top Bottom</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

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>PERFORATION RECORD - Bridge Plugs Set/Type</th>
<th>Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>3377-3380</td>
<td>250 +375 gal 28% NE</td>
</tr>
<tr>
<td>4</td>
<td>3356-3359</td>
<td>250 +375 gal 28% NE</td>
</tr>
<tr>
<td>4</td>
<td>3300-3305</td>
<td>250 + 750 gal 28% NE</td>
</tr>
<tr>
<td>4</td>
<td>3264-3267</td>
<td>250 gal 28% NE</td>
</tr>
</tbody>
</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</td>
<td>3460</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

### Disposition of Gas

<table>
<thead>
<tr>
<th>Vented</th>
<th>Sold</th>
<th>Used on Lease (If vended, submit ACO-T&amp;I)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

### Method of Completion

- Open Hole: X
- Perforated: X
- Dually Comp: 
- Commingled: 
- Other (Specify): 

### Production Interval

- 3377-80
- 3300-05
**ALLIED CEMENTING CO., INC.**

**RERE TO:**
PO BOX 31
RUSSELL, KANSAS 67665

**ORIGINAL**

**DATE:** 6-21-96
**SEC:** 23
**TWP:** 3
**RANGE:** 19
**CALLED OUT:** 1,000 ft
**ON LOCATION:** 3,100 ft
**JOB START:**
**JOB FINISH:**

**LEASE:** Elm
**WELL #:** 2
**LOCATION:** 511 w speed

**COUNTY:** Phillips
**STATE:**

**CONTRACTOR:** Mullin Drill #3
**OWNER:**

**TYPE OF JOB:** Spread
**CEMENT:**

**HOLE SIZE:** 125
**TOP:**

**CASING SIZE:** 85
**DEPTH:**

**TUBING SIZE:**
**DEPTH:**

**DRILL PIPE:**
**DEPTH:**

**TOOL:**
**DEPTH:**
**RELEASED:**

**PRES. MAX:**
**MINIMUM:**

**MEAS. LINE:**
**SHOE JOIN:**

**CEMENT LEFT IN CSG.:** 15
**PERFS.:**

**AMOUNT ORDERED:**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>QTY</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common</td>
<td>84</td>
<td>650</td>
</tr>
<tr>
<td>POZMIX</td>
<td>56</td>
<td>315</td>
</tr>
<tr>
<td>Gel</td>
<td>2</td>
<td>450</td>
</tr>
<tr>
<td>Chloride</td>
<td>4</td>
<td>275</td>
</tr>
</tbody>
</table>

**FROM CONFIDENTIAL**

**EQUIPMENT**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUMP TRUCK</td>
<td>153</td>
<td>Bill</td>
</tr>
<tr>
<td>HELPER</td>
<td></td>
<td>Date</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TYPE</th>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>BULK TRUCK</td>
<td></td>
<td>Driver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TYPE</th>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>BULK TRUCK</td>
<td>213</td>
<td>Driver</td>
</tr>
<tr>
<td>DRIVER</td>
<td></td>
<td>Oskir</td>
</tr>
</tbody>
</table>

**REMARKS:**

- Ken 5/6 PM 00:20
- Cost of 1400 7:12
- Pump 906 3/28:00
- Comp. did circulate

**CHARGE TO:** Viking Res., Inc.
**STREET:** 105 S. Broadway St.
**CITY:** Wichita
**STATE:** KS
**ZIP:** 67202

**SERVICE:**

**DEPTH OF JOB:**
**PUMP TRUCK CHARGE:**
**EXTRA FOOTAGE:**
**MILEAGE:**
**PLUG:**

**TOTAL:**

**FLOAT EQUIPMENT**

---

---
ALLIED CEMENTING CO., INC.

DATE 6-25-96
SEC. 23
TWP. 3
RANGE 19
LEASE Elmo
WELL # 3
LOCATION Speed 2N 1W 4NE 6

CONTRACTOR McLean
TYPE OF JOB Casing String
HOLE SIZE 7 5/8 T.D. 3422
CASING SIZE 4 5/8 DEPTH 3471
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 20'
CEMENT LEFT IN CSG. 20'
PERFS. 417

EQUIPMENT
PUMP TRUCK CEMENTER McAdoo
# 177 HELPER Glen
BULK TRUCK DRIVER Orión
# 213

REMARKS:
Cent on 1-3-5-7-8-47
Port Callar on 48 Basketanks
D.O. 9:35 PM from 10-

CHARGE TO: Viking Res
STREET 105 S. Broadway 67204
CITY Wichita STATE Kansas ZIP 67202

REMARKS:

QUANTITY

AMOUNT ORDERED 300 ASC 10% Salt
500 gal W.R.K2

COMMON
POZMIX
GEL
CHLORIDE
ASC 200 785
SALT 18 75
W.R.K2 500 gal 105

HANDLING
MILEAGE 44 1/2

DEPTH OF JOB
PUMP TRUCK CHARGE
EXTRA FOOTAGE
MILEAGE 44 1/2
PLUG 44

TOTAL

RECEIVER

RECEIVED 7-17-96 11:02

FROM CONFIDENTIAL

MAR 23 1998

FOR SERVICE
# ALLIED CEMENTING CO., INC.

**CONFIDENTIAL**

**ORIGINAL**

**REMIT TO**

P.O. BOX 31
RUSSELL, KANSAS 67665

**LEASE**

**WELL**

**LOCATION**

**SPD ON II**

**4**

**4**

**SPEED ON II**

**4**

**4**

**COUNTY**

**PHIPPS**

**STATE**

**KANSAS**

**SERVICE POINT**

**Russell**

**DATE**

24-93

**SEC.**

**TWP.**

**RANGE**

**CALLED OUT**

8:00 AM

**ON LOCATION**

11:45 AM

**JOB START**

12:15 PM

**JOB FINISH**

2:00 PM

**CONTRACTOR**

Paul's Well Service

**OWNER**


**TYPE OF JOB**

Open Port Collar

**Cement**

(USED 225 sk)

**AMOUNT ORDERED**

450 sk

4% Flo-Seal 40 10

**HOLE SIZE**

TD

**CASING SIZE**

4 1/2

**DEPTH**

**TUBING SIZE**

2 7/8

**DEPTH**

(CIRC) DEPTH PORT COLLAR

15 85

**PRES. MAX**

1,000

**MINIMUM**

**MEAS. LINE**

SHOE JOINT

**CEMENT LEFT IN CSG.**

**PERFS.**

**EQUIPMENT**

PUMP TRUCK

Cementer

# 197

Helper

# 117

BULK TRUCK

Driver

# 154

Driver

# 617

**REMARKS:**

Load Tubing w/Gel (3 sk)

Test CSG to 100's# (Child) 0
down Port Collar & Received CIRC. Mixing 2 sk Gel, Mixed 22 sk Cement & Cement Circulated to Surface. Closed Port Collar & Test TD.

100's# CIRC. Ran 5 3/4's & Washed Clean.

**CHARGE TO:**

Viking Resources Inc.

**STREET**

105 S Broad Way # 1040

**CITY**

Wichita

**STATE**

Kan

**ZIP**

67202

**SERVICE**

**DEPTH OF JOB**

**PUMP TRUCK CHARGE**

**EXTRA FOOTAGE**

**MILEAGE**

68 @ 285

**PLUG**

**RELEASED**

MAR 23 1998

**TOTAL**

---

**FROM CONFIDENTIAL**

**FLOAT EQUIPMENT**

---

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