This form **shall be filed in duplicate** with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed. Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential. Circle one: Oil, Gas, Dry, SWD, OWN, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).

**OPERATOR** W. A. Sowle III (Sowle Explorations)  
**API NO.** 15-147-20,370 -00-00  
**ADDRESS** P.O. Box 171  
Phillipsburg, KS 67661  
**PHONE** 913-543-2871  
**PURCHASER** GRA  
**ADDRESS** Kansas City, KS  

**CONTACT PERSON** W. A. Sowle III  
**FIELD** Wildcat ELLINGER SW  
**PROD. FORMATION** Lancing  
**LEASE** Clark  
**WELL NO.** #1  
**WELL LOCATION** 2200' fr S. line  
500' fr E. line  
**FT. FROM** Line and  
**LINE OF** the  
**SEC.** 1  
**TWP.** 4S  
**RGE.** 20W

**PLUGGING** NONE  
**CONTRACTOR** Pioneer Drilling Company  
**ADDRESS** 308 West Mill  
plainville, KS 67663

**TOTAL DEPTH** 3590'  
**PSTD**  
**SPUD DATE** 2-3-82  
**DATE COMPLETED**  
**ELEV.** GR 2049'  
**DF** 2052'  
**KB** 2054'  
**DRILLED WITH** (CARRE) (ROTARY) XXXX TOOLS

Amount of surface pipe set and cemented 217'. DV Tool Used?

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**AFFIDAVIT**

STATE OF KANSAS, COUNTY OF PHILLIPS SS. I,

W. A. SOWLE III OF LAWFUL AGE, BEING FIRST DUTY SHOWN UPON HIS OATH, DEPLOSES THAT HE IS SOLE PROPRIETOR (FOR)(OF) SOWLE EXPLORATIONS

**OPERATOR OF THE CLARK LEASE, AND IS DUTY AUTHORIZED TO MAKE THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. ONE ON SAID LEASE HAS BEEN COMPLETED AS OF THE 12th DAY OF MARCH , 19 82, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SWORN TO AND AFFIRMED BEFORE ME THIS 22ND DAY OF MARCH, 19 82.

---

**VERIFIED**

3-93-82

[Signature]

**M. M. WARREN**  
[Notary Public]

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**STATE OF KANSAS**

**COUNTY OF PHILLIPS**  
Jan. 9, 1982

**M. M. WARREN**  
[Commission Expires:]

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**NOTARY PUBLIC**

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**The operator may be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.**
sand and shale  0'   220'
shale  220'  380'
sand and shale  380'  1545'
shale  1545'  1685'
anhydrite  1685'  1700'  - Anhydrite  +362
shale and shells  1700'  2125'
sand and shale and lime  2125'  2242'
sand and shale and lime  2242'  2396'
lime and shale  2396'  2555'
lime and shale  2555'  2758'
lime and shale  2758'  2935'
lime and shale  2935'  3095'
lime and shale  3095'  3250'  - Topeka  -996
lime and shale  3250'  3280'
lime and shale  3280'  3300'
lime and shale  3300'  3346'
lime and shale  3346'  3364'
lime and shale  3364'  3448'
lime and shale  3448'  3559'
lime and shale  3559'  3588'
arbuckle  3588'  3590'
arbuckle  3590'  R.T.B.

Report of all strings set — surface, intermediate, production, etc.

**CASING RECORD (New) or (Revised)**

<table>
<thead>
<tr>
<th>Purpose of string</th>
<th>Size hole drilled</th>
<th>Size casing set (in O.D.)</th>
<th>Weight lb/ft</th>
<th>Setting depth</th>
<th>Type cement</th>
<th>Sacks</th>
<th>Type and percent additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Casing</td>
<td>12 1/4&quot;</td>
<td>8 5/8&quot;</td>
<td>24#/</td>
<td>217'</td>
<td>common</td>
<td>135</td>
<td>2% gel 3%cc</td>
</tr>
<tr>
<td>Production</td>
<td>7 7/8&quot;</td>
<td>4 1/2&quot;</td>
<td>9.5#/</td>
<td>3587'</td>
<td>common</td>
<td>175</td>
<td>10% salt</td>
</tr>
</tbody>
</table>

**LINER RECORD**

<table>
<thead>
<tr>
<th>Top, ft.</th>
<th>Bottom, ft.</th>
<th>Sacks cement</th>
<th>Setting depth</th>
<th>Packer set at</th>
<th>Size &amp; type</th>
<th>Depth interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>2700</td>
<td>3588</td>
<td>175</td>
<td>1 per ft.</td>
<td>SSB</td>
<td>3320-3323</td>
<td></td>
</tr>
</tbody>
</table>

**TUBING RECORD**

<table>
<thead>
<tr>
<th>Size</th>
<th>Setting depth</th>
<th>Packer set at</th>
<th>Depth interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 3/8 in</td>
<td>3560</td>
<td>1 per ft.</td>
<td>SSB</td>
</tr>
</tbody>
</table>

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

- 150 gal 15% mud acid & 3500 gal 15% acid
- 300 gal 15% mud acid & 1500 gal 15% acid
- 500 gal 15% mud acid & 250 gal 15% acid

**Gravity**: approx. 38

**Rate of Production**: 45 bbls

**Water**: 53%, 60 bbls

**Perforations**: none

**Disposition of Gas**: Perforations