API NO. 15–137–20,097

County: Norton

C.8/2, SESE, Sec. 23, Twp. 5, Rge. 21, E.

W.

330

30

W.

330

Well # 1

Field Name: Ray SW 16

Producing Formation: Arbuckle

Elevation: Ground 2189 

KB 2197

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal

Docket #: 1625.1

Repressuring

Questions on this portion of the ACO-1 call:

Source of Water:

Division of Water Resources Permit 

Groundwater

Surface Water

(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or re completion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-11 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: Jim R. Baird

Title: Executive Vice-President

Date 2/14/79

Subscribed and sworn to before me this 19 day of February, 1990.

Notary Public: Marilyn J. Allen

Date Commission Expires: 2/9/90

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

Distribution

KCC

OSR

KOS

SNR

Other

(Specify)

Form ACO-1 (1-87)
**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

---

<table>
<thead>
<tr>
<th>Formation Description</th>
<th>Name</th>
<th>Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANHY</td>
<td>2078-2109</td>
<td>2078-2109</td>
</tr>
<tr>
<td>HOW</td>
<td>3143</td>
<td>946</td>
</tr>
<tr>
<td>TOP</td>
<td>3165</td>
<td>968</td>
</tr>
<tr>
<td>DEER CR</td>
<td>3232</td>
<td>1035</td>
</tr>
<tr>
<td>OREAD</td>
<td>3289</td>
<td>1092</td>
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<td>HEEB</td>
<td>3334</td>
<td>1137</td>
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<tr>
<td>TOR</td>
<td>3361</td>
<td>1164</td>
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<tr>
<td>LANS</td>
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<td>1181</td>
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<tr>
<td>BKC</td>
<td>3568</td>
<td>1371</td>
</tr>
<tr>
<td>ARB</td>
<td>3606</td>
<td>1409</td>
</tr>
<tr>
<td>RTD</td>
<td>3622</td>
<td>1425</td>
</tr>
<tr>
<td>LTD</td>
<td>3623</td>
<td>1426</td>
</tr>
</tbody>
</table>

---

**CASING RECORD**

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

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole</th>
<th>Size Casing</th>
<th>Weight</th>
<th>Setting</th>
<th>Type of Cement</th>
<th>Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURFACE</td>
<td>4.1/2in.</td>
<td>3-1/2in.</td>
<td>206</td>
<td>150</td>
<td></td>
<td>320</td>
<td></td>
</tr>
<tr>
<td>PRODUCTION</td>
<td>4.1/2in.</td>
<td>3-1/2in.</td>
<td>205</td>
<td>150</td>
<td></td>
<td>320</td>
<td></td>
</tr>
</tbody>
</table>

---

**PERFORATION RECORD**

- **Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth**

- **Open Hole**

---

**TUBING RECORD**

<table>
<thead>
<tr>
<th>Date of First Production 6-75</th>
<th>Producing Method</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Flowing</td>
</tr>
<tr>
<td></td>
<td>Pumping</td>
</tr>
<tr>
<td></td>
<td>Gas Lift</td>
</tr>
<tr>
<td></td>
<td>Other (explain)</td>
</tr>
</tbody>
</table>

**Estimated Production Per 24 Hours**

- **Oil:** 6 Bbls
- **Gas:** 14 MCF
- **Water:**
- **Gas-Oil Ratio:**
- **Gravity:**

---

**METHOD OF COMPLETION**

- **Production interval:**

---

**Disposition of Gas:**

- **Vented:**
- **Produced:**
- **Sold:**
- **Used on Lease:**
- **Open Hole:**
- **Perforation:**
- **Other:**
- **Dually Completed:**
- **Commingled:**

---

**METHOD OF COMPLETION**

- **Production interval:**