### WELL INFORMATION

**WELL NUMBER:**
- API No.: 15-163222448
- County: Rooks
- Township: NW 32
- Section: R 20
- Range: E 20
- Leased: East

**Location:**
- NW 32
- R 20
- E 20
- Leased: East

**Field Name:** None

**Elevation:** 731'

**Water Supply Information:**
- Groundwater: 3300 ft
- Surface Water: 660 ft

**Questions on this portion of ACO-1 call:**
- Water Resources Board (913) 296-3717
- Division of Water Resources Permit #
- Groundwater, 3300 ft North from Southeast Corner of Sec 29 Twp 7 Rge 20 East, 1200 West
- Surface Water: 660 ft North from Southeast Corner

**INSTRUCTIONS:**
- This form shall be completed in duplicate and filed within 90 days after completion or re-completion of any well.
- 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.

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**Spud Date:** 9/01/84  
**Completion Date:** 9/06/84  
**Total Depth:** 3740 ft

**Drilling Method:** Mud Rotary

**Comment:**
- No old well info as follows:
  - Operator: None
  - Well Name: None
  - Comp. Date: None

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**Spud Date:** 9/01/84  
**Date Reached TD:** 9/06/84  
**Total Depth:** 3740 ft

**Amount of Surface Pipe Set and Cemented:** 2400 ft

**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 82-5-130 and 82-5-107 apply.

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**Subscribed and sworn to before me this 19th day of December, 1985.**

**Signature:** Robin K. McDowell

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**Title:** President

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**KCCG Office Use Only**
- Letter of Confidentiality Attached
- Wireline Log Received
- Drillers Time Log Received
- Distribution
  - KCC
  - SMD/Rep
  - NSPA
  - KGS
  - Plug
  - Other

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**Form ACO-1 (7-84)**
**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>Top</th>
<th>Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anhydrite</td>
<td>1822'</td>
<td>+400</td>
</tr>
<tr>
<td>Ba. Anhydrite</td>
<td>1855'</td>
<td>+367</td>
</tr>
<tr>
<td>Topeka</td>
<td>3214'</td>
<td>-992</td>
</tr>
<tr>
<td>Heebner</td>
<td>3426'</td>
<td>-1204</td>
</tr>
<tr>
<td>Toronto</td>
<td>3449'</td>
<td>-1227</td>
</tr>
<tr>
<td>Lansing - K.C.</td>
<td>3463'</td>
<td>-1241</td>
</tr>
<tr>
<td>Ba. K.C.</td>
<td>3658'</td>
<td>-1436</td>
</tr>
<tr>
<td>Marmaton</td>
<td>3681'</td>
<td>-1459</td>
</tr>
<tr>
<td>Conglomerate</td>
<td>3700'</td>
<td>-1478</td>
</tr>
<tr>
<td>Arbuckle</td>
<td>3713'</td>
<td>-1491</td>
</tr>
<tr>
<td>T.D.</td>
<td>3738'</td>
<td>-1516</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 Drilled</th>
<th>Size Casing Set (In O.D.)</th>
<th>Setting Depth</th>
<th>Type of Cement 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>56'</td>
<td>Cement</td>
<td>Cement</td>
</tr>
</tbody>
</table>

**PERFORATION RECORD**

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

**TUBING RECORD**

Size | Set At | Packer at | Liner Run | Yes | No |

Date of First Production | Producing Method [Flowing] [Pumping] [Gas Lift] [Other (explain)]

Estimated Production Per 24 Hours

Oil | Gas | Water | Gas-Oil Ratio | Gravity |

| Disposition of gas: Vented | Sold | Used on Lease | Open Hole | Perforation | Other (Specify) | Dualy Completed | Commingled |

**METHOD OF COMPLETION**

Production Interval