STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API No. 15-065822, 308-00-00

County: Graham
East

NW NE Sec 21, Twp 56 R. Rge 21

.West

3630. Ft North from Southeast Corner of Section 2210. Ft West from Southeast Corner of Section
(Note: Locate well in section plot below)

Lease Name: Johnson, N. A. 0.

Well #: 2

Field Name: McFarland

Producing Formation: Dry Hole

Elevation: Ground: 2228.00 K. S. 2233.00

Section Plot

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WATER SUPPLY INFORMATION

Disposition of Produced Water: Repressuring

Docket #: 2060.00

Questions on this portion of the ACO-1 call:

Source of Water:

Division of Water Resources Permit #...

Groundwater.....Ft North from Southeast Corner

(Well)......Ft West from Southeast Corner of

Sec 21. Rge 21 East

Surface Water: 3960.00 Ft North from Southeast Corner

(Stream, pond etc) 3960.00 Ft West from Southeast Corner

Sec 9. Twp 56 Rge 21 East X West

Other (explain). Ray Wass

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

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 driller's time log shall be attached with this form. Submit GP-4 form with all plugged wells. Submit GP-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: Wayne L. Brinager
Title: Vice President
Date: 07-24-87

KCC OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Driller's Time Log Received

Distribution

KCC SM/Rep NSPA
KDS Other (Specify)

Date Commission Expires: 02-10-89
**SIDE TWO**

Operator Name: K & E Petroleum, Inc. Lease Name: Johnson, TA Well: #1

Sec. 33 Twp. 6S Rge. 21 X West County: Grabill

**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>Drill Stem Tests Taken</th>
<th>Samples Sent to Geological Survey</th>
<th>Core Taken</th>
<th>Formation Description</th>
<th>Datum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>X No</td>
<td>X Yes</td>
<td>X No</td>
</tr>
</tbody>
</table>

- **Formation Description**
  - **Name**: Anhydrite
  - **Top Datum**: 1862'
  - **Bottom Datum**: 371'
  - **Type and Percent Additives**: B/Anhydrite (X 1895' + 338')
  - **Type and Percent Additives**: Topexa (X 3246' - 1013')
  - **Type and Percent Additives**: Cread (X 3401' - 1168')
  - **Type and Percent Additives**: Hoebnen (X 3445' - 1212')
  - **Type and Percent Additives**: Toronto (X 3468' - 1235')
  - **Type and Percent Additives**: Lansing (X 3486' - 1253')
  - **Type and Percent Additives**: Muncie (X 3596' - 1363')
  - **Type and Percent Additives**: BRC (X 3675' - 1428')
  - **Type and Percent Additives**: Congl. Sd. (X 3728' - 1495')
  - **Type and Percent Additives**: Arbuckel (X 3766' - 1533')
  - **Type and Percent Additives**: RTD (X 3800' - 1568')
  - **Type and Percent Additives**: LTD (X 3801')

**CASING RECORD**

- **New**: X Used
- **Purpose of String**: Surface
- **Size Hole Drilled**: 12½
- **Size Casing Set (in O.D.)**: 8-5/8' P.A.
- **Weight Setting Depth**: 261.47' - 269.00'
- **Type of Cement Used**: 20# (7 x 2)
- **Type and Percent Additives**: 38x

**PERFORATION RECORD**

- **Shots Per Foot**: Specify Footage of Each Interval Perforated
- **Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)**
- **Depth**:

**TUBING RECORD**

- **Size**:
- **Set At**: Packer at Liner Run
- **Packer at**: Yes No

**Date of First Production**

**Producing Method**

- **Flowing**: X
- **Pumping**: X
- **Gas Lift**: X
- **Other (Explain)**

**Estimated Production Per 24 Hours**

- **Bbls**
- **MCF**
- **Bbls**
- **CFFB**

**METHOD OF COMPLETION**

**Production Interval**

- **Disposition of gas**: Vented
- **Open Hole**: X
- **Perforation**: X
- **Used on Lease**: X
- **Dually Completed**: X
- **Coned Located**: X