STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACD-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License #: 9225
Name: Allied Oil Company, Inc.
Address: Suite 200, ROX 47A
City/State/Zip: ARLINGTON, MA 02174
Purchaser: Derby Refining Co.
Operator Contact Person: Roy A. Grant
Phone: 617/344-5845
Contractor: License #: 8682
Name: Golden Eagle Drilling
Wellsite Geologist: None
Designate Type of Completion
— New Well
— Re-Entry
— Workover

Oil
Gas
Dry
SMO
Temp Abd
Dry
Inj
Other (Describe, Water Supply etc.)

If OMM, old well info as follows:

Operator: Abrasas
Well Name: [Confidential]
Comp. Date: [Confidential]
Old Total Depth: 219'

WELL HISTORY

Drilling Method:
— Mud Rotary
— Air Rotary
— Cable
Spud Date: 11-5-87
Date Reached TD: 11-20-87
Completion Date: 11-27-87

Total Depth: 4195

Amount of Surface Pipe Set and Cements Circulated at:
Surface casing set already set: [Confidential] feet
Multiple Stage Cementing Collar Used: Yes
If yes, show depth at collar in feet
If alternate 2 completion, cement circulated from: [Confidential] feet depth to: [Confidential] 5K cat
Cement Company Name: [Confidential]
Invoice #: [Confidential]

API No.: 15-153-20677-00-01
County: Pawnee
Section: 8
Township: 15
Rage: 32
X

2920.00 Ft North from Southeast Corner of Section 240.00 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Section Plat

WATER SUPPLY INFORMATION

Disposition of Produced Water:

Docket #: [Confidential]
Disposal
— RePressuring

Source of Water:
Division of Water Resources Permit #: [Confidential]

Questions on this portion of the ACD-1 call: Water Resources Board (913) 296-5717

— Groundwater
— Ft North from Southeast Corner of Well
— Ft West from Southeast Corner of Sec
— Temp Age
— East
— West

— Surface Water
— Ft North from Southeast Corner of Stream, pond etc.
— Ft West from Southeast Corner of Sec
— Temp Age
— East
— West

Other (explain): FARMER A, pond less than 5 acres
(purchased from city, RWD #)

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 82-3-108 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 Qt-4 form with all plugged wells. Submit Qt-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: [Confidential]
Title: [Confidential]
Date: 1-22-88

Subscribed and sworn to before me this 19th day of [Confidential] 1988
Notary Public

Date Commission Expires: [Confidential]

KCC OFFICE USE ONLY

F Letter of Confidentiality Attached
C Drillers Time Log Received
C Wireline Log Received
C Other

Distribution

RECEIVED

SPECIFY

TOAC
SMO/Rip
Plug

STATE CORPORATION COMMISSION

Wichita, Kansas
**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>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samples Sent to Geological Survey</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Cores Taken</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Formation Description</th>
<th># Log</th>
<th>Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td>Topeka</td>
<td>-714</td>
<td>3730</td>
</tr>
<tr>
<td>Oread</td>
<td>-834</td>
<td>3850</td>
</tr>
<tr>
<td>B/Oread</td>
<td>-872</td>
<td>3888</td>
</tr>
<tr>
<td>Lansing</td>
<td>-912</td>
<td>3928</td>
</tr>
<tr>
<td>B zone</td>
<td>-966</td>
<td>3982</td>
</tr>
<tr>
<td>C zone</td>
<td>-1008</td>
<td>4024</td>
</tr>
<tr>
<td>D zone</td>
<td>-1063</td>
<td>4079</td>
</tr>
<tr>
<td>E zone</td>
<td>-1107</td>
<td>4123</td>
</tr>
<tr>
<td>B Kansas City-1182</td>
<td>4198</td>
<td></td>
</tr>
</tbody>
</table>

| TD                     | -1268 | 4279   |

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**CASING RECORD**

- New casing set
- Yes □ No □
- 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</th>
<th>Type and Percent</th>
<th>Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production</td>
<td>7 7/8&quot;</td>
<td>5 1/2&quot;</td>
<td>14</td>
<td>4280</td>
<td>160-40 PCE</td>
<td>125</td>
<td>2% gel 10% salt</td>
<td>Class A</td>
</tr>
</tbody>
</table>

**PERFORATION RECORD**

- Acid, Fracture, Shot, Cement squeeze record
- Amount and kind of material used
- Depth
- 3025 A - 4120.5
- 750 gal. 15% HCA
- 1750 ft. - 4198.5
- Followed by 4000 gal. 20% HCA
- 2140 ft. - 4279

**TUBING RECORD**

- Size
- Set At
- Packer at
- Liner Run
- Yes □ No □
- 2 3/8"      4189

**DATE OF FIRST PRODUCTION**

- 12/23/87
- Producing Method
- □ Flowing   □ Pumping   □ Gas Lift   □ Other (explain)

**OIL**

- Per 24 Hours
- 50 Bbls

**GAS**

- 0 MCF

**WATER**

- 0 Bbls

**GAS-OIL RATIO**

- CPF

**GRAVITY**

- 33.6

**METHOD OF COMPLETION**

- Production Interval

- Disposition of gas:
  - □ Vented
  - □ Sold
  - □ Used on Lease

- □ Open Hole   □ Perforation
- □ Other (Specify)

- □ Dually Completed
- □ Commingled