STATE CORPORATION COMMISSION OF KANSAS
Oil & Gas Conservation Division

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: Licenses # 6280
Name: H.E. W. Oil, Operations, Inc.
Address: P.O. Box 1521
City/State/Zip: Salina, KS 67401
Purchaser: Farmland Industries, Inc.

Operator Contact Person: Orville Keaton
Phone: 316-793-7327

Contractor License #: 5092
Name: Dave Drilling Corp., Inc.

Wellsite Geologist: Michael W. Bair
Phone: 316-793-7327

Designate Type of Completion
☑ New Well ☐ Re-Entry ☐ Workover

Drilling Method:
☐ Mud Rotary ☐ Air Rotary ☐ Cable

4-13-85 4-18-85 4-26-85
Spud Date Date Reached TD Completion Date
34021 Total Depth PTD

Amount of Surface Pipe Set and Cemented at 1227
Multiple Stage Cementing Collar Used? ☐ Yes ☐ No
If yes, show depth set. ☐ feet
If alternate 2 completion, cement circulated from ☐ feet to ☐ feet, SW cat

API NO. 15 163-22,669 AO-00-

County:

Wk. Ne. Ne. Sec 31 Twp. 7 Rge. 19 NS

Lease Name: Schmoyer
Well #: 3

Field Name: Merriam Reservoir West

Producing Formation: Arbuckle
Elevation: Ground 1940 Feet NS 1945

Section Plate

WATER SUPPLY INFORMATION
Disposal of Produced Water: ☐ Disposal ☐ Repressing

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Division of Water Resources Permit #

☐ Groundwater, 800 ft North from Southeast Corner
(Top) ☐ FT West from Southeast Corner of
Sec Twp Rge ☐ East ☐ West

☐ Surface Water 2100 ft North from Southeast Corner
(Stream, pond etc.) ☐ FT West from Southeast Corner Sec Twp Rge ☐ East ☐ West

☐ Other (explain) ☐

(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. Rules 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 driller's time log shall be attached to this form. Submit QP-4 Form with all plugged wells. Submit QP-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: __________________________ Date: 6-12-85

Title: ______________________________

Subscribed and sworn to before me this ______ day of ______, 19___

Notary Public: ________________________

Date Commission Expires: ________________

K.C.C. OFFICE USE ONLY

☐ Letter of Confidentiality Attached (Q)

☐ Wireline Log Received

☐ Driller's Time Log Received

Distribution

☐ KCC ☐ SMD/Rep ☐ NGPA

☐ KGS ☐ Plug ☐ Other (Specify)

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>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>

**Formation Description**

<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Howard</td>
<td>2842'</td>
<td>2888'</td>
</tr>
<tr>
<td>Severy</td>
<td>2888'</td>
<td>3000'</td>
</tr>
<tr>
<td>Topeka</td>
<td>3000'</td>
<td>3100'</td>
</tr>
<tr>
<td>Heebner</td>
<td>3100'</td>
<td>3126'</td>
</tr>
<tr>
<td>Toronto</td>
<td>3126'</td>
<td>3140'</td>
</tr>
<tr>
<td>Kansas City</td>
<td>3140'</td>
<td>3356'</td>
</tr>
<tr>
<td>Base K.C.</td>
<td>3356'</td>
<td>3394'</td>
</tr>
<tr>
<td>Arbuckle</td>
<td>3394'</td>
<td>3401'</td>
</tr>
<tr>
<td><strong>RTD</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DST #1**

3210-3240' 30/45/45/45/ IH 1698, FH 1683
IF 87, FIP 244, ISIP 1169, SIP 288, SPP 477, SSIP 1151; Strong blow, increased to bottom
of bucked blow in 15 min. 2nd Flow: 5" blow
and remained through out. Recovered 500' cut
of gassy water w/trace of oil, 480' slightly
gassy water.

**DST #2**

3395-3401' 45/45/45/45/ IH 1912, FH 1793,
IF 44, FIP 46, ISIP 797, SIP 111, SPP 119,
SSIP 775; 1st Flow: 4" blow & remained,
2nd Flow: 2" blow, remained. Recovered 120'
gas in pipe above fluid, 330' Total Fluid,
210' Clean gassy oil, 120' mud cut gassy oil.

**Casing Record**

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

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>New</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size Hole</td>
<td>Size Casing</td>
<td>Weight</td>
</tr>
<tr>
<td>Drilled</td>
<td>Set (In O.B.)</td>
<td>Lbs/Ft.</td>
</tr>
</tbody>
</table>

**Perforation Record**

Specify Footage of Each Interval Perforated

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>1976</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acids, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)</td>
<td>500 gals. acid</td>
</tr>
</tbody>
</table>

**Tubing Record**

Size | Set At |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>3393'</td>
</tr>
</tbody>
</table>

**Date of First Production**

4-26-85

| Producing Method | Flowing | Pumping | Gas Lift | Other (explain) |

**Estimated Production Per 24 Hours**

<table>
<thead>
<tr>
<th>Oil</th>
<th>Gas</th>
<th>Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 Bopd.</td>
<td></td>
<td>50 Bwpd.</td>
</tr>
</tbody>
</table>

**Gravity**

| Gas-Oil Ratio | ? |

**Method of Completion**

**Production Interval**

Disposition of gas: | Vented | Sold |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Hole</td>
<td>Perforation</td>
<td></td>
</tr>
<tr>
<td>Other (Specify)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Dually Completed**

**Commingle**