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

DESCRIPTION OF WELL AND LEASE

Operator: License # ……………. 6611
Name ………………………………. N R Company, Inc.
Address …………………………….. 510 N Pkwy 506
City/State/Zip …………………………….. Russell, KS 67664

Operator Contact Person ……………….. Joe K. Braunn
Phone ……………………………….. 913-443-4488

Contractor: License # …………….. 8241
Name ………………………………. Emphasis Oil Operating Co.
Wellsite Geologist ………………. Mr. D. J. Schultz
Phone ……………………………….. 913-483-3385
PURCHASER: ……………………………….. Koch Oil Company

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

☐ Oil ☐ SWD ☐ Tamp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc)

If OMWQ: old well info as follows:
Operator ………………………………
Well Name ………………………………
Comp. Date ……………………………… Old Total Depth…

WELL HISTORY

Drilling Method:
☐ Mud Rotary ☐ Air Rotary ☐ Cable

9-07-84 ……………………………….. 9-12-84 ……………………………….. 9-26-84
Spud Date ……………………………….. Date Reached TD ……………………………….. Completion Date

3470’ ETD ……………………………….. 3350’
Total Depth ……………………………….. PBTD

Amount of Surface Pipe Set and Cemented at ……………. 250 feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set at ……………………………….. feet

If alternate 2 completion, cement circulated from ……………………………….. feet depth to ……………………………….. feet

APL NO. 15-163-22,479 - 00 - 06
County ……………………………….. Rooks
NN NW SE Sec. 14 Twp 7S Rge 19 East
…………………………….. East West

2310’ Ft North from Southeast Corner of Section
…………………………….. Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name ……………………………….. Wallace
Well # ……………………………….. 4
Field Name ……………………………….. Grover East
Producing Formation ……………………………….. Kansas City
Elevation: Ground ……………………………….. 1949’

OCT 9, 1984

RECEIVED

STATE CORPORATION COMMISSION
OCT 9, 1984
KANSAS CONSERVATION DIVISION

WATER SUPPLY INFORMATION

Source of Water:
□ Division of Water Resources Permit # ………………………………..

□ Groundwater, 7000’ FT North from Southeast Corner
(Well) ……………………………….. 100’ FT West from Southeast Corner of Sec 20 Twp 75 Rge 18 East West

□ Surface Water, ……………………………….. 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.)

Disposition of Produced Water: ☑ Disposal ☐ Repressuring
Docket # ……………………………….. D-23,438

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 recompletion 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 ……………………………….. President ………………………………..
Date ……………………………….. 10-05-84

Subscribed and sworn to before me this ……………………………….. day of ……………………………….. 19.. ………………………………..
Notary Public ……………………………….. Denise S. Reynolds
Date Commission Expires ……………………………….. 3-13-85

K.C.C. OFFICE USE ONLY
F ☐ Letter of Confidentiality Attached
G ☐ Wireline Log Received
☐ Drillers Timelog Received
☐ Other (Specify)

☐ X KCC ☐ SWD/Rep ☐ NPFA
☐ KGS ☐ Plug ☐ Other

DENISE S. REYNOLDS
COMMUNICATION
STATE OF KANSAS
My Appointment Expires ………………………………..

Form ACO-1 (7-84)
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>

D.S.T. #1

- Time Intervals: 30-30-30-30
- IFF: 57-71
- ISIP: 489
- FFP: 102-126
- FSIP: 469
- Recovery: 20' gas, 100' MCO (85% oil), 120' NWMC (65% oil 20% water), 60' MOW

**Formation Description**

<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anhydrite</td>
<td></td>
<td>1436'</td>
</tr>
<tr>
<td>Topoka</td>
<td></td>
<td>2891'</td>
</tr>
<tr>
<td>Heebner</td>
<td></td>
<td>3094'</td>
</tr>
<tr>
<td>Toronto</td>
<td></td>
<td>3117'</td>
</tr>
<tr>
<td>Lansing Kansas City</td>
<td></td>
<td>3132'</td>
</tr>
<tr>
<td>Arbuckle</td>
<td></td>
<td>3403'</td>
</tr>
<tr>
<td>Rotary Total Depth</td>
<td></td>
<td>3470'</td>
</tr>
<tr>
<td>Log Total Depth</td>
<td></td>
<td>3468'</td>
</tr>
</tbody>
</table>

**Casing Record**

- X New
- Used

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 G.D.)</th>
<th>Weight Lbs./Ft.</th>
<th>Type and Percent</th>
<th>Type and Percent</th>
<th>Type and Percent</th>
<th>Type and Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12 / 1 1/4''</td>
<td>8 / 7 1/8''</td>
<td>36.3</td>
<td>casing</td>
<td>casing</td>
<td>casing</td>
<td>casing</td>
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<tr>
<td>PRODUCTION</td>
<td>12 / 1 1/4''</td>
<td>8 / 7 1/8''</td>
<td>35.7</td>
<td>casing</td>
<td>casing</td>
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<td>casing</td>
</tr>
<tr>
<td>PERFORATION RECORD</td>
<td>Shots Per Foot</td>
<td>Specify Footage of Each Interval Perforated</td>
<td>Acid, Fracture, Shot, Cement Squeeze Record</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1821-23</td>
<td></td>
<td>230 gal. 15% Ns &amp; 1000 gal. 28% Same</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1338-38</td>
<td></td>
<td>1000 15% Ns &amp; 1300 gal. 28% Same</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1398-27</td>
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<td>1300 gal 28%</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>3138-38</td>
<td></td>
<td>Same</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Tubing Record**

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

**Date of First Production**

- 9-26-84

**Producing Method**

- Flowing
- Pumping
- Gas Lift
- Other (explain)

**Estimated Production Per 24 Hours**

- Oil: 10 Bbls
- Gas: MCF
- Water: 90 Bbls
- Gas-Oil Ratio: CFPB

**Method of Completion**

**Disposition of Gas:**

- X Vented
- Sold
- Used on Lease

- Open Hole
- X Perforation
- Other (Specify)

- Dually Completed
- Commingled

**Production Interval**