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

Operator: License # 4767
Name: Hitchie Exploration, Inc.
Address: 125 N. Market, Suite 1000
Wichita, KS 67202
City/State/Zip

Purchaser: Koch Oil Co.
Wichita, KS

Operator Contact Person: Rocky Milford
Phone: 316-267-4375

Contractor: License # 5033
Name: Martin Drilling Co.
Address: 131 N. Market, Suite 1000
Wichita, KS 67202

Wellsite Geologist: Jeff Christian
Phone: 316-267-4375

Designate Type of Completion

X New Well
Re-Entry
Workover

X Oil
SMO Temp Abd
Gas
Inj
Delayed Comp.
Dry
Other (Core, Water Supply etc.)

IF CMWO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY
Drilling Method:
X Mud Rotary
Air Rotary
Cable

11-12-87
11-16-87
2-18-88
Spud Date
Date Reached TD
 Completion Date

3650
N.A.
Total Depth
PBO

5'-8'-216'
Amount of Surface Pipe Set and Cemented at feet
Multiple Stage Cementing Collar Depth X Yes No Y
If yes, show depth set at feet
If alternate 2 completion, cement circulated from feet to 214
Cement Company Name: A-1 Cement Co.
Invoice # 20838

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 drillers time log shall be attached with this form. Submit OP-4 form with all plugged wells. Supply OP-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: Vic. President
Date: 4-6-88

Subscribed and sworn to before me this 4th day of April 19-88.

Notary Public

Date Commission Expires: 4-6-88

LINDA K. RICE
ROTY PUBLIC
STATE OF KANSAS
My Appt Exp. 6-18-88
WELL LOG

INSTRUCTIONS: Show important tops and bases 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>Formations Taken</th>
<th>Core Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>X</td>
<td>Yes</td>
</tr>
<tr>
<td>X</td>
<td>No</td>
<td>X</td>
</tr>
</tbody>
</table>

DST #1 3360' - 3412' (Toronto & L/KC Top zone). 


DST #3 3457' - 3482' (70' & 90' zones). Rec. 60' gas in pipe; 60' clean gassy oil; 60' oil cut mud; & 60' slightly oil cut water mud. IPF:116-116/30; PSIP:120/45; FFP:127-127/30; PSIP:101/30.


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**CASING RECORD**

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole</th>
<th>Size Casing Drilled</th>
<th>Setting Depth</th>
<th>Type of Cement</th>
<th>Type and Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Production</td>
<td>4' 7/8&quot;</td>
<td>8-5/8&quot;</td>
<td>10.5&quot;</td>
<td>3664</td>
<td>60/400lb</td>
</tr>
</tbody>
</table>

**PERFORATION RECORD**

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>Acids, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)</th>
<th>Depth Acidized with:</th>
</tr>
</thead>
<tbody>
<tr>
<td>48,80, 50, 60, 70, 80, 90, 100</td>
<td>8000 gal. of 20% acid</td>
<td>4444-14</td>
</tr>
<tr>
<td>33,98, 34, 34, 34</td>
<td>800, 800, 800, 800, 800, 800</td>
<td>3434-39</td>
</tr>
<tr>
<td>33,98, 34, 34, 34</td>
<td>600 gal. of 20% acid</td>
<td>3434-77</td>
</tr>
<tr>
<td>33,98-3402</td>
<td>1000 gal. of 20% acid</td>
<td>3474-77</td>
</tr>
</tbody>
</table>

**TUBING RECORD**

<table>
<thead>
<tr>
<th>Size</th>
<th>Set at</th>
<th>Packer at</th>
<th>Liner Run</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Producing Method**

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

**Date of First Production**

- 2/18/88

**Estimated Production**

- Per 24 Hours
- Oil: 39 Bbls
- Gas: 64 MCF
- Water: 398 Bbls

**Gas-Oil Ratio**

- 398-3402

**METHOD OF COMPLETION**

- Disposition of gas: Vented
- Sold
- Open Hole
- Perforation
- Other (Specify)
- Completed
- Commingled

**Production Interval**

- 3434-39
- 3402-3474-77

**MAY 0 9 1969 FROM CONFIDENTIAL**

**LEASE**

- Operator: Ritchie Exploration, Inc.
- Lessee: Trewster
- Sec.: 7E
- Rge.: 21
- W
- County: Graham

**PLEASE KEEP THIS INFORMATION CONFIDENTIAL**