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

Operator: License No. 5352
Name: Baird Oil Company
Address: P.O. Box 428
City/State/Zip: Logan, KS 67646

Purchaser:
Operator Contact Person: Jim Baird
Phone: (913) 689-7457
Contractor: Name: Abercrombie Drilling, Inc.
License: 5422

Wellsite Geologist:

Designate Type of Completion
X New Well _____ Re-Entry _____ Workover
_____ Oil _____ SWD _____ Temp. Abd.
_____ Gas _____ Inj _____ Delayed Comp.
_____ X Dry _____ Other (Core, Water Supply, etc.)

If DWD: old well info as follows:
Operator: N/A
Well Name: _______
Comp. Date: _______
Old Total Depth: _______

Drilling Method:
_____ X Mud Rotary _____ Air Rotary _____ Cable

Spud Date: 10-5-90 Date Reached TD: 10-12-90 Completion Date:

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-2 form with all plugged wells. Submit DP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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: J. W. Baird
Title: Executive Vice-President
Date: 11-1-91

Subscribed and sworn to before me this 11th day of January, 1991.
Notary Public: Marilyn Allen
State of Kansas, My Appt. Exp. 2-9-94
Date Commission Expires: 2-9-94

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K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
D Wireline Log Received
C Drillers Timelog Received

Distribution
KCC SBD/Rep Plug Other
KDS
Other (Specify)
**Operator Name**: Baird Oil Company  
**Lease Name**: Gartrell  
**Sec. 22, Tp. 68, Rge. 20**  
**County**: Rooks

**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>
<tr>
<td>Electric Log Run (Submit Copy)</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**Formation Description**  
No log was run.

<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topeka</td>
<td>3157</td>
<td>-1995</td>
</tr>
<tr>
<td>Heebner</td>
<td>3360</td>
<td>-1198</td>
</tr>
<tr>
<td>Toronto</td>
<td>3385</td>
<td>-1223</td>
</tr>
<tr>
<td>Lansing</td>
<td>3400</td>
<td>-1238</td>
</tr>
<tr>
<td>B/KC</td>
<td>3599</td>
<td>-1437</td>
</tr>
<tr>
<td>Arbuckle</td>
<td>3678</td>
<td>-1516</td>
</tr>
<tr>
<td>TD</td>
<td>3702</td>
<td>-1540</td>
</tr>
</tbody>
</table>

**DASING RECORD**  
□ 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 D.D.)</th>
<th>Weight Lbs./Ft.</th>
<th>Setting Depth</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12½&quot;</td>
<td>8 5/8&quot;</td>
<td>24#</td>
<td>246'</td>
<td>60-40 pozimix 165</td>
<td>3% ccl 2% gel</td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATION RECORD**  
Specify Footage of Each Interval Perforated

**Acid, Fracture, Shot, Cement Squeeze Record**  
(Amount and Kind of Material Used)  
Depth

**TUBING RECORD**

<table>
<thead>
<tr>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Liner Run</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

**Date of First Production**

<table>
<thead>
<tr>
<th>Producing Method</th>
<th>Flowing</th>
<th>Pumping</th>
<th>Gas Lift</th>
<th>Other (Explain)</th>
</tr>
</thead>
</table>

**Estimated Production Per 24 Hours**

|-----|-----|-----|-------|-------|---------------|----------|

**Disposition of Gas:**  
□ Vented  □ Sold  □ Used on Lease (If vented, submit ACD-18.)  
□ Other (Specify)

**METHOD OF COMPLETION**

□ Open Hole  □ Perforation  □ Dually Completed  □ Commingled

**Production Interval**

□ Other (Specify)
GARTRELL #3  22-6S-20W, Rooks Co., Ks.

DRILL STEM TESTS


DST #3  (3386-3410) 30-30-0-0  IFP: 26-26  ISIP: 26  Rec. 3' mud.  Weak blow.


DST #5  (3440-3460) 30-30-0-0  IFP: 31-31  ISIP: 31  Rec. 3' mud.  Weak blow-1st open.


DST #7  (3555-3598) 30-30-0-0  IFP: 31-31  ISIP: 31  Rec. 3' mud w/oil spots.  Weak blow.
**INVOICE**

**HALLIBURTON SERVICES**

DALLAS, TX 75395-1046

<table>
<thead>
<tr>
<th>INVOICE NO.</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>028377</td>
<td>10/05/1990</td>
</tr>
</tbody>
</table>

| CARTRELL 3 | ROCKS | KS BAIRD OIL COMPANY |

<table>
<thead>
<tr>
<th>SERVICE LOCATION</th>
<th>CONTRACTOR</th>
<th>JOB PURPOSE</th>
<th>TICKET DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>10/05/1990</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACCT NO.</th>
<th>CUSTOMER NAME</th>
<th>VENDOR NO.</th>
<th>CUSTOMER PO NUMBER</th>
<th>SHIPPED VIA</th>
<th>FILE NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>02400</td>
<td>HAROLD MALEY</td>
<td></td>
<td></td>
<td></td>
<td>02875</td>
</tr>
</tbody>
</table>

**DIRECT CORRESPONDENCE TO:**

A-L ABERCROMBIE, INC
801 UNION CENTER
WICHITA, KS 67202.

**RISING AREA - MID CONTINENT**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MILEAGE</td>
<td>27 MI</td>
<td>MI</td>
<td>2.35</td>
<td>63.45</td>
</tr>
<tr>
<td></td>
<td>1 UNT</td>
<td>UNT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEMENTING CASING</td>
<td>246 FT</td>
<td>FT</td>
<td>440.00</td>
<td>440.00</td>
</tr>
<tr>
<td></td>
<td>1 UNT</td>
<td>UNT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHTG PLUG LA-11, CP-1, CP-3, TOP</td>
<td>8 5/8 IN</td>
<td>IN</td>
<td>59.00</td>
<td>59.00</td>
</tr>
<tr>
<td></td>
<td>1 EA</td>
<td>EA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STANDARD CEMENT</td>
<td>99 SK</td>
<td>SK</td>
<td>5.45</td>
<td>539.55</td>
</tr>
<tr>
<td>POZMIX A</td>
<td>66 SK</td>
<td>SK</td>
<td>2.88</td>
<td>190.06</td>
</tr>
<tr>
<td>HALLIBURTON-CEL 2%</td>
<td>3 SK</td>
<td>SK</td>
<td>0.00</td>
<td>N/C</td>
</tr>
<tr>
<td>ANHYDROUS CALCIUM CHLORIDE</td>
<td>4 SK</td>
<td>SK</td>
<td>25.75</td>
<td>103.00</td>
</tr>
<tr>
<td>BULK SERV.'S CHARGE</td>
<td>173 CFT</td>
<td>CFT</td>
<td>1.10</td>
<td>190.30</td>
</tr>
<tr>
<td>MILEAGE CH'TG, HAT DEL, OR RETURN</td>
<td>193.935 TMI</td>
<td>TMI</td>
<td>0.75</td>
<td>149.95</td>
</tr>
</tbody>
</table>

**INVOICE SUBTOTAL**

1,735.33

**DISCOUNT (BID)**

260.25

**INVOICE BID AMOUNT**

1,475.05

**KANSAS STATE SALES TAX**

60.56

**HAYS CITY SALES TAX**

7.13

**INVOICE TOTAL - PLEASE PAY THIS AMOUNT**

$1,542.74

**TERMS**

INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE, UNTIL CUSTOMER'S DEBT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 1% PER ANNUUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

**SYNCHRONY ACCOUNT**

**ATM (10/5/95)**

**CUT-THROAT**