

SIDE ONE

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

Purchaser Koch Oil Company  
Wichita, KS

Operator Contact Person Rocky Milford  
Phone 316/267-4375

Contractor: License # 6033  
Name Murfin Drilling Co.

Wellsite Geologist Leah Ann Kasten  
Phone 316/267-4375

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

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

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
7/20/88 7/27/88 10/27/88  
Spud Date Date Reached TD Completion Date  
3820' n/a  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at....feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt  
Cement Company Name  
Invoice #

\*\*See attached letter.

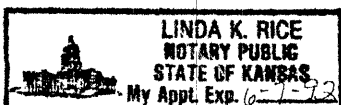
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 CP-4 form with all plugged wells. Submit CP-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 [Signature]  
Title Vice President Date 11/14/88

Subscribed and sworn to before me this 14th day of November 1988  
Notary Public [Signature]

Date Commission Expires 6/07/92



API NO. 15-065-22,452-00-00  
County Graham  
150 S of  
C SE SE Sec. 13 Twp. 6 Rge. 23 West

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

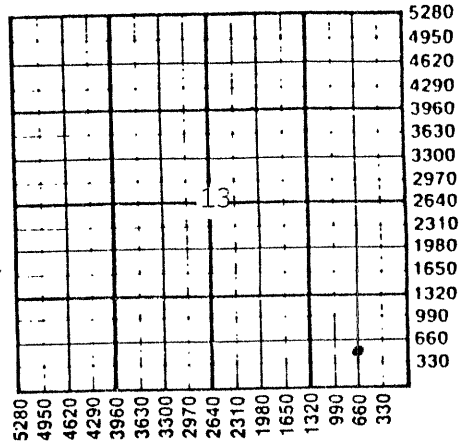
Lease Name F&M Bank Well #1

Field Name

Producing Formation Lansing

Elevation: Ground 2358' KB 2363'

Section Plat



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  
Docket # D-25,041  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water: Water well.  
Division of Water Resources Permit #  
Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge 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. #)

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)  
11-15-88

Sec. 13, Twp. 6, Rge. 23



Kansas Corporation Commission

|                    |                    |
|--------------------|--------------------|
| MIKE HAYDEN        | GOVERNOR           |
| KEITH R. HENLEY    | CHAIRMAN           |
| RICH KOWALEWSKI    | COMMISSIONER       |
| MARGALEE WRIGHT    | COMMISSIONER       |
| JUDITH McCONNELL   | EXECUTIVE DIRECTOR |
| FRANK A. CARO, JR. | GENERAL COUNSEL    |

CONSERVATION DIVISION  
 SHARI M. FEIST, DIRECTOR  
 200 Colorado Derby Bldg.  
 202 W. 1st Street  
 Wichita, KS 67202-1286  
 (316) 263-3238

November 1, 1988

Ritchie Exploration, Inc.  
 125 North Market  
 Suite 1000  
 Wichita, Kansas 67202

Re: #1 F & M Bank  
 150' S of SE SE  
 S13-6S-23W  
 Graham County, Kansas  
 Original Spud Date: July 20, 1988

Dear Sirs:

This letter is written to inform you that you have been granted a 30-day extension of time to complete Alternate II cementing on the above-described well. Your original 120 days for completion expires on November 17, 1988. Thus, this extension will expire on December 17, 1988. I urge you to make every effort to complete the cementing within the next 30 days. Extension of this time frame, pursuant to K.A.R. 82-3-106, automatically extends the time period for filing the ACO-1, pursuant to K.A.R. 82-3-130.

If you have any questions in this regard, please do not hesitate to contact me.

Sincerely,

Shari M. Feist  
 Director

SMF:nao  
 cc: Rick Hestermann  
 Kathy Carlisle  
 Don Butcher  
 Alan Snider

RECEIVED  
 STATE CORPORATION COMMISSION

NOV 15 1988

CONSERVATION DIVISION  
 Wichita Kansas



Kansas Corporation Commission

MIKE HAYDEN GOVERNOR  
 KEITH R. HENLEY CHAIRMAN  
 RICH KOWALEWSKI COMMISSIONER  
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November 1, 1988

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 125 North Market  
 Suite 1000  
 Wichita, Kansas 67202

*Attempted cement top ~800 ft  
 will finish per Marion S.  
 (will finish by 12-24-88 + send)  
 into*

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 S13-6S-23W  
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Sincerely,

*Shari M. Feist*

Shari M. Feist  
 Director

SMF:nao  
 cc: Rick Hestermann  
 Kathy Carlisle  
 Don Butcher  
 Alan Snider

*call Jeff Christens*

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name F&M Bank Well # 1

RELEASED

Sec. 13 Twp. 6S Rge. 23W  East  West

County Graham

MAR 07 1990

3-7-90

FROM CONFIDENTIAL

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.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 3554'-3617' (Toronto-Lansing "A" zones). Rec. 100' gas in pipe; 20' clean oil; 124' watery muddy oil; 124' muddy water; 186' oil cut watery mud. IFP:58-152#/30"; ISIP:1191#/30"; FFP:163-221#/30"; FSIP:1134#/30".

| Name        | Top           | Bottom |
|-------------|---------------|--------|
| Anhydrite   | 2012' (+ 351) |        |
| B/Anhydrite | 2045' (+ 318) |        |
| Topeka      | 3363' (-1000) |        |
| Heebner     | 3561' (-1198) |        |
| Toronto     | 3586' (-1223) |        |
| Lansing     | 3602' (-1239) |        |
| B/KC        | 3796' (-1433) |        |
| LTD         | 3820' (-1457) |        |

DST #2 3620'-3657' (Lansing C-D zones). Rec. 1650' salt water. IFP:116-478#/30"; ISIP:1226#/30"; FFP:513-767#/30"; FSIP:1203#/30".

DST #3 3659'-3669' (Lansing "E" zone). Rec. 1' mud. IFP:23-23#/30"; ISIP:23#/30"; FFP:23-23#/30"; FSIP:23#/30".

DST #4 3704'-3766' (Lansing H,I&J zones). Rec. 5' mud. IFP:58-58#/30"; ISIP:525#/30"; FFP:58-58#/30"; FSIP:303#/30".

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

DST #5 3766'-3820' (Lansing K&L zones). Rec. 195' muddy water, no show of oil. IFP:58-93#/45"; ISIP:1271#/45"; FFP:105-128#/45"; FSIP:1237#/45".

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |  |                           |  |   |                |             |                            |
|---|--|---------------------------|--|---|----------------|-------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc.           |  |                           |  |   |                |             |                            |
| Purpose of String   | Size Hole Drilled  | Size Casing Set (in O.D.) | Weight Lbs/Ft.   | Setting Depth                               | Type of Cement | #Sacks Used | Type and Percent Additives |
| Surface   | 12 1/4"  | 8-5/8"                    | 24#  | 260'  | 60/40poz       | 185         | 2% gel, 3% CC              |
| Production  | 7-7/8"   | 4 1/2"                    | 10.5#  | 3805'                                       | 60/40poz       | 160         | 10% gel                    |
| PERFORATION RECORD  |  |                           |  | Acid, Fracture, Shot, Cement Squeeze Record |                |             |                            |
| Shots Per Foot  | Specify Footage of Each Interval Perforated  |                           |  | (Amount and Kind of Material Used)          |                | Depth       |                            |
| 2 SSB   | 3602' to 3605' (Lansing "A")   |                           |  | Acid. w/600 gal. 15% acid.                  |                | 3602-05'    |                            |
| TUBING RECORD   |  |                           |  |   |                |             |                            |
| Size  | Set At   | Packer at                 | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |   |                |             |                            |
| Date of First Production  | Producing Method   |                           |  |   |                |             |                            |
| 10/27/88  | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... |                           |  |   |                |             |                            |
| Estimated Production Per 24 Hours   | Oil  | Gas                       | Water  | Gas-Oil Ratio                               | Gravity        |             |                            |
|   | 15 Bbls  | MCF                       | 130 Bbls   |   |                |             |                            |

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  Conmingled

3602'-3605'  
 Lansing "A"

