

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

*gmr*

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: NCRA  
Operator Contact Person: Rocky Milford  
Phone: (316) 691-9500  
Contractor: Name: L. D. Drilling, Inc.  
License: 6039  
Wellsite Geologist: Kim Shoemaker

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Designate Type of Completion:

- New Well  Re-Entry  Workover
- Oil  SWD  SIOW  Temp..Abd.
- Gas  ENHR  SIGW
- Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

5/17/02      5/26/02      6/18/02  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 101-21799  
County: Lane  
\_\_\_\_\_ Sec. 5 Twp. 17 S. R. 30  East  West  
600 feet from S (N) (circle one) Line of Section  
1675 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: M. Wilkens Well #: 1  
Field Name: Wildcat

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Producing Formation: Lansing/Kansas City  
Elevation: Ground: 2877' Kelly Bushing: 2882'  
Depth: 4610' Plug Back Total Depth: 4553'  
Amount of Surface Pipe Set and Cemented at 251 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, show depth set 2296' Feet  
Alternate II completion, cement circulated from 2296'  
feet depth to surface w/ 535 sx cmt.

**Release**  
**From**  
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Drilling Fluid Management Plan Per EH 9.10.02  
(Data must be collected from the Reserve Pit)  
Chloride content 14000 ppm Fluid volume 1250 bbls  
Dewatering method used evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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: Rocky Milford  
Title: Geologist Date: 8-27-02  
Subscribed and sworn to before me this 27th day of August,  
2002  
Notary Public: Karen Hopper  
Date Commission Expires: \_\_\_\_\_

**KAREN HOPPER**  
Notary Public - State of Kansas  
My Appt. Expires 10/27/03

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

68586

Side Two

Operator Name: Ritchie Exploration, Inc. Lease Name: M. Wilkens Well #: 1  
 Sec. 5 Twp. 17 S. R. 30 East  West County: Lane

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes No	Log Formation (Top), Depth and Datum Name Top Datum See attached
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes No	
Cores Taken	Yes <input checked="" type="checkbox"/> No	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes No	
List All E. Logs Run:		
Radiation, Guard, Gamma Ray Correlation, Compensated Density Neutron, Dual Induction, Sonic		

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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"	23#	251'	60/40 poz	175	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10.5#	4599'	60/40 poz	235	10% salt, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3977'-3984' (LKC)'	1000 gal 15% NE	

TUBING RECORD	Size 2 3/8"	Set At 4557'	Packer At	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr. 6/18/02	Producing Method Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 38	Gas Mcf	Water Bbls. 0	Gas-Oil Ratio Gravity

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented     Sold     Used on Lease       Open Hole     Perf.     Dually Comp.     Commingled

*(If vented, Sumit ACO-18.)*       Other (Specify)

ORIGINAL



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AUG 28 2002

KCC WICHITA

**#1 M. Wilkens**  
600' FNL & 1675' FEL  
Section 5-17S-30W  
Lane County, Kansas  
API# 15-101-21799  
L.D. Drilling, Inc.  
Field: Kim Schoemaker  
Office: Rocky Milford  
Elevation: 2877' GL: 2882' KB

**KCC**  
AUG 27 2002  
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**Release**  
JAN 26 2004  
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Sample Tops			Ref.	Electric Log Tops		
			Well			
massive Anhydrite	2286'	+596	-20	massive Anhydrite	2285'	+597 -19
base Anhydrite	2309'	+573	-22	base Anhydrite	2306'	+576 -19
Wabaunsee	3532'	-650	-9	Wabaunsee	3532'	-650 -9
Heebner	3912'	-1030	-8	Heebner	3906'	-1024 -2
Lansing	3946'	-1064	-7	Lansing	3943'	-1061 -4
Muncie Creek	4117'	-1235	-2	Muncie Creek	4113'	-1231 +2
Stark	4211'	-1329	-8	Stark	4210'	-1328 -7
B/KC	4302'	-1420	-9	B/KC	4286'	-1404 +7
Marmaton	4330'	-1448	-7	Marmaton	4320'	-1438 +3
Pawnee	4416'	-1534	-7	Pawnee	4406'	-1524 +3
Myrick Station	4434'	-1557	+2	Myrick Station	4440'	-1558 +1
Fort Scott	4459'	-1577	+1	Fort Scott	4457'	-1575 +3
Cherokee	4483'	-1601	flat	Cherokee	4482'	-1600 +1
Johnson zone	4524'	-1642	-1	Johnson zone	4523'	-1641 flat
Mississippian	4553'	-1671	-1	Mississippian	4558'	-1676 -6
RTD	4610'	-1728		LTD	4609'	-1727