12/4/08

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KANSAS CORPORATION COMMISSION
OCT 02 2008
CONSERVATION DIVISION
WICHITA, KS

Form ACO-1
September 1999
Form Must Be Typed

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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: John Niernberger
Phone: (316) 691-9500
Contractor: Name:
License:
Wellsite Geologist:

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: RITCHIE EXPLORATION, INC.
Well Name: VAN LOENEN 31 B1
Original Comp. Date: 4/19/2000 Original Total Depth: 3750'

___ 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.

05/20/2008	05/20/2008	08/25/2008
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-22725-0003
County: Graham
approx N/2 - N/2 - NW Sec. 31 Twp. 7 S. R. 21 ☐ East ☑ West
~~330~~ 4950 FSL feet from S / (N) (circle one) Line of Section
~~1440~~ 3850 FEL feet from E / (W) (circle one) Line of Section
ICC
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Van Loenen 31B Well #: 1
Field Name: Buckner Northeast
Producing Formation: Toronto, LKC, Arbuckle
Elevation: Ground: 2182' Kelly Bushing: 2187'
Total Depth: 3750' Plug Back Total Depth: 3719'
Amount of Surface Pipe Set and Cemented at 206' Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set 1760' Feet
If Alternate II completion, cement circulated from 1760'
feet depth to surface w/ 330 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content ___ ppm Fluid volume ___ bbls
Dewatering method used
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:
Title: Production Manager Date: 10/01/2008

Subscribed and sworn to before me this 1st day of October,
20 08.

Notary Public: Ronda Messer
Date Commission Expires: 5/7/12

RONDA MESSER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 5/7/12

KCC Office Use ONLY

✓ **Letter of Confidentiality Received**
If Denied, Yes ☐ Date:
___ **Wireline Log Received**
___ **Geologist Report Received**
___ **UIC Distribution**

Side Two

COPY

Operator Name: Ritchie Exploration, Inc. Lease Name: Van Loenen 31B Well #: 1

Sec. 31 Twp. 7 S. R. 21 ☐ East ☑ West County: Graham

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☒ Yes ☑ No
(Submit Copy)

List All E. Logs Run:

~~R A Guard Log~~ N/A - no new logs run on this workover.

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

(See Attached Document)

CASING RECORD ☑ New ☐ 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		8 5/8"		206'		140	
Production		4 1/2"	10.5#	3747'		160	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	See Attached Page		

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TUBING RECORD Size	Set At	Packer At	Liner Run
2 3/8"	3710'	3373'	☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
08/25/2008	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0.86		172.00		

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

☐ Open Hole ☑ Perf. ☐ Dually Comp. ☑ Commingled

☐ Other (Specify)

KK MRT 10/06/08

Shots Per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record
3	3706.5'-3710.5'; 3694.5'-3696.5' (Arbuckle) 11/93	350 gals 15% INS (11/93)
3	3580'-3583' (LKC) 11/93	600 gals 15% NE, & 750 gals 25% NE (11/93
3	3388.5'-3390.5' (Toronto) 9/94	600 gals 15% NE (9/94); 1000 gals 15% NE + 30 perf balls (05/08)
3	3452.5'-3456.5; 3437.5'-3441.5' (LKC) and 3320.5'-3324.5' (Oread A) 4/00 ******Production pkr @ 3733' (08/24/08)**	
4	3591.5'-3597.5'; 3529.5'-3533.5'; 3479.5'-3484.5'; 3469.5'-3474.5'; & 3401'-3406 (LKC) 05/08	3000 gals 15% NE + 110 perf balls (05/08)
4	3704'-3707 (Arbuckle) 06/08	500 gals 15% NE/FE & 10% SP-3 (06/08)

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