

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

API NO. 15- 065-22,725-0002
County Graham **ORIGINAL**
120' E of
N/2-N/2-NW - Sec. 31 Twp. 7 Rge. 21W **E**

CONFIDENTIAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address P.O. Box 783188
City/State/Zip Wichita, KS 67278-3188

4950 Feet from **S**N (circle one) Line of Section
3850 Feet from **E**W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, **SE**, NW or SW (circle one)

Purchaser: Equiva
Operator Contact Person: John Niernberger
Phone (316) 691-9500
Contractor: Name: JUL 10 2002
License: JUL 10 2002

Lease Name Van Loenen 31-B Well # 1
Field Name Buckner NE
Producing Formation Toronto, LKC, Arbuckle, Oread

Wellsite Geologist:
Designate Type of Completion
 New Well Re-Entry X Workover
X Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Elevation: Ground 2175' KB 2180'
Total Depth 3750' PBDT 3717'
Amount of Surface Pipe Set and Cemented at 206 Feet
Multiple Stage Cementing Collar Used? X 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.

If Workover/Re-Entry: old well info as follows:
Operator: Ritchie Exploration, Inc.
Well Name: #1 Van Loenen-31B
Comp. Date 11-93 Old Total Depth 3750'
 Deepening X Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
X Commingled Docket No. CO 1942
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.
4-12-00 4-19-00 4-19-00
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan OWWO 7-26-00 JK
(Data must be collected from the Reserve Pit)
Chloride content ppm Fluid volume bbls
Dewatering method used KCC
Location of fluid disposal if hauled offsite:
Operator Name
Lease Name License No.
 Quarter Sec. Twp. S Rng. E/W
County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 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 [Signature]
Title Production Manager Date 6/29/00
Subscribed and sworn to before me this 29 day of June,
19 2000
Notary Public Karen Hopper
Date Commission Expires 10/27/03

K.C.C. OFFICE USE ONLY
F YES Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

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

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

Sec. 31 Twp. 7 Rge. 21W East West County Graham

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run:				

CASING RECORD <input 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
production	7.875"	4.5"	10.5#	3747'	pozmix	160	10% salt

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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
3	3320.5'-24.5' (Oread A)	(shut off with packer)	
3	3437.5'-41.5' (LKC)		
3	3452.5'-56.5" (LKC)		
3	3694.5'-96.5', (3706.5'-10.5' (Arbuckle)		

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	2 3/8"	3683	3359				
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
4/19/00							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5				110		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____