

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 0001 ORIGINAL

County Graham  
120' E OF  
N/2 N/2 NW. Sec. 31 Twp. 7 Rge. 21W

Operator: License # 4767

4950 Feet from (S)N (circle one) Line of Section

Name: Ritchie Exploration, Inc.

3840 Feet from (E)W (circle one) Line of Section

Address 125 N. Market, Suite 1000

Footages Calculated from Nearest Outside Section Corner:  
NE, (SE) NW or SW (circle one)

City/State/Zip Wichita, KS 67202

Lease Name Van Loenen-31B Well # 1

Purchaser: NCRA

Field Name \_\_\_\_\_

Operator Contact Person: Lisa Thimmesch

Producing Formation Toronto

Phone ( 316 ) 267-4375

Elevation: Ground 2175 XB 2180

Contractor: Name: \_\_\_\_\_

Total Depth 3750 PBDT 3523.71

License: CONFIDENTIAL

Amount of Surface Pipe Set and Cemented at \_\_\_\_\_ Feet

Wellsite Geologist: \_\_\_\_\_

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes \_\_\_\_\_ No

Designate Type of Completion  
\_\_\_\_ New Well \_\_\_\_ Re-Entry X Workover

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

X Oil \_\_\_\_ SWD \_\_\_\_ SIOW \_\_\_\_ Temp. Abd.

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

\_\_\_\_ Gas \_\_\_\_ EXHR \_\_\_\_ SIGW

Drilling Fluid Management Plan REWORK JPL 10-19-95  
(Data must be collected from the Reserve Pit)

\_\_\_\_ Dry \_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: Ritchie Exploration, Inc.

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Well Name: #1 Van Loenen-31B

Dewatering method used \_\_\_\_\_

Comp. Date 11-93 Old Total Depth 3750

Location of fluid disposal if hauled offsite: \_\_\_\_\_

\_\_\_\_ Deepening X Re-perf. \_\_\_\_ Conv. to Inj/SWD

\_\_\_\_ Plug Back \_\_\_\_ PBDT

\_\_\_\_ Commingled Docket No. \_\_\_\_\_

\_\_\_\_ Dual Completion Docket No. \_\_\_\_\_

\_\_\_\_ Other (SWD or Inj?) Docket No. \_\_\_\_\_

Operator Name RELEASED  
JUL 15, 1996

Lease Name CONFIDENTIAL  
JUL 15, 1996

9-26-94 9-30-94 9-30-94

9-26-94 Date OF START OF WORKOVER  
9-30-94 Date Reached TD  
9-30-94 Completion Date OF WORKOVER

\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

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 President Date 11/21/94

Subscribed and sworn to before me this 21st day of November, 1994.

Notary Public [Signature]

Date Commission Expires \_\_\_\_\_

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

LISA THIMMESCH  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 8-29-95

Operator Name Ritchie Exploration, Inc. Lease Name Van Loenen-31B 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  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:

Log Formation (Top), Depth and Datums  Sample

Name Top Datum

CASING RECORD <input 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

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	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
3	3388.5-90.5 (Toronto)		600 gallons 15% NE	Toronto
3	3580'-3583' LKC			
3	3706.5'-3710.5' R2D			
3	3694.5'-3696.5'			

TUBING RECORD		Size <u>2 3/8"</u>	Set At <u>3518.16</u>	Packer At <u>3523.71</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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)			
<u>9-30-94</u>					
Estimated Production Per 24 Hours	Oil <u>19.07</u> Bbls.	Gas <u> </u> Mcf	Water <u>0.13</u> Bbls.	Gas-Oil Ratio	Gravity

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 \_\_\_\_\_