

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

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

Purchaser: Equiva
Operator Contact Person: John Niernberger

Phone (316) 691-9500
Contractor: Name: RELEASED

License: JUL 10 2002
Wellsite Geologist: _____

Designate Type of Well: FROM CONFIDENTIAL
 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: #1 Van Loenen-31B
Comp. Date 11-93 Old Total Depth 3750'

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 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

API NO. 15- 065-22,725-0002

County Graham
120 E of

N/2-N/2-NW Sec. 31 Twp. 7 Rge. 21W

4950 Feet from N (circle one) Line of Section

3850 Feet from W (circle one) Line of Section

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

Lease Name Van Loenen 31-B Well # 1

Field Name Buckner NE

Producing Formation: Toronto, LKC, Arbuckle, Oread

Elevation: Ground 2175' KB 2180'

Total Depth 3750' PBTB 3717'

Angle of Surface Pipe Set and Cemented at 206 Feet

Mud 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 cnt.

Drilling Fluid Management Plan DWVO 7-26-00
(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 Rng. _____ E/W

County _____ Docket No. _____

CONSERVATION DIVISION
Wichita, Kansas

JUN 30 2000

RECEIVED
STATE CORPORATION COMMISSION

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 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 sheets 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 Datum Sample
 Name Top Datum

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
3	3320.5'-24.5' (Oread A)	3 (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 2 3/8" Set At 3683 Packer At 3359 Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 4/19/00 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>5</u>	Gas Mcf <u>110</u>	Water Bbls.	Gas-Oil Ratio	Gravity
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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 _____