CONFIDENTIA

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

1/ 2/18/10

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #_4767	API No. 15 - 065-22214-0094 ムフ
Name: Ritchie Exploration, Inc.	County: Graham
Address: P. O. Box 783188	SE_NW_SE_Sec. 1 Twp. 7 S. R. 21 _ East V Wes
City/State/Zip: Wichita, KS 67278-3188	1650 [720 feet from \$ / N (circle one) Line of Section
Purchaser: NCRA	1650 17(a) foot from (5) IN (circle one) Line of Section
Operator Contact Person: John Niernberger	1650 1760 feet from (E) / W (circle one) Line of Section Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>316</u>) 691-9500 CONFIDENTIAL Contractor: Name:	(circle one) NE (SE) NW SW
	Lease Name: Trexler Well #: 3 SWD
Liberise.	Field Name: Northwest
Wellsite Geologist:	Producing Formation: Cedar Hills
Designate Type of Completion:	Elevation: Ground: 2131' Kelly Bushing: 2136'
New Well Re-Entry Workover	Total Depth: 1760' Plug Back Total Depth: 1460'
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 249' Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator: Ritchie Exploration, Inc.	feet depth tow/sx cmt,
Well Name: Trexler #3 SWD	
Original Comp. Date: 01/15/1988 Original Total Depth: 1760'	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	·
Plug BackPlug Back Total Depth	Chloride contentppm Fluid volumebbls
Çommingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No. D-25,274	Operator Name:
	Lease Name: License No.:
01/24/2008	
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec TwpS. R East West
•	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	months if requested in writing and submitted with the form (see rule 82-3-
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the sest of my knowledge.	the oil and gas industry have been fully complied with and the statements
Signature:	
	KCC Office Use ONLY
Title: Production Manager Date: 02/15/2008	Letter of Confidentiality Received ECEIVED
Subscribed and sworn to before me this 18 day of Feb.	If Denied, Yes Date: KANSAS CORPORATION COMPLEXANCE
20.08.	Wireline Log Received FEB 1 9 2008
Topological September 1	Geologist Report Received
3 1000	UIC Distribution
Date Commission Expires: 4-10-1/ NOTARY PUBLIC My Appl. Exp	<u>4-10-11</u>

Operator Name: Ritchie Exploration, Inc.			Lease	Lease Name: Trexler			Well #: 3 SWD			
Sec. 1 Twp.		East ✓ Wes		y: Grah						
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		lo	✓ Log Formation (Top), Dept			h and Datum Sample				
Samples Sent to Geological Survey		✓ Yes N	Yes No		ne		Тор	Datum		
Cores Taken Yes V No Electric Log Run (Submit Copy)			(See	(See Attached Document)						
List All E. Logs Run	: ´									
Correlation L	og						FEB 18 2008			
	J						K			
CASING RECORD										
Purpose of String	Size Hole	Size Casing	We	ight	Setting	Type of	# Sacks	Type and Percent		
Surface	12.25"	Set (In O.D.) 8.625"	Lbs.	/Ft.	Depth 249'	Cement	185	Additives		
Production	7.875"	4.50"	10.5#		1760'	50/50 poz	485	6% gel, 10 sx salt flush		
ADDITIONAL CEMENTING / SQUEEZE RECORD										
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks	s Used		Type and P	ercent 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					
1	1430' - 1450' (Cedar Hills) (12/87)				250 gals 28% (11/90), 250 gals 25% FE & 5% MAS (05/92)					
					500 gals 15% double FE (03/02) 1000 gals 15% double FE (12/02)					
	500 gals 15% double FE (12/04), 500 gals 15%							E (02/06)		
1	1413'-1429', 1360'-1376' & 1334'-1346' (Cedar Hills) (01/08)				DECENED					
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TUBING RECORD 2	Size 3/8	Set At 1313'	Packer / 1313'	At	Liner Run	Yes No	•	EB 1 9 2008		
Date of First, Resumer 01/30/2008	rd Production, SWD or E	Inhr. Producing	g Method	Flowin	g 🔲 Pumpi	ng Gas Lift	t Othe	ONSERNATION DIVISION er (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate	er B	bls. G	as-Oil Ratio	Gravity		
Disposition of Gas	Disposition of Gas METHOD OF COMPLETION Production Interval									
Vented Sold Used on Lease Open Hole ✓ Perf. Dually Comp. Commingled (If vented, Submit ACO-18.) Other (Specify)										