

Operator Name: Layne Christensen Canada, Ltd. Lease Name: B. Chism Well #: 3-31
 Sec. 31 Twp. 31 S. R. 15 ✓ East West County: Montgomery

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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	RECEIVED FEB 04 2004 KCC WICHITA	✓ Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Name	Top	Datum
Cores Taken	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Pawnee Lime	870 KB	57
Electric Log Run (Submit Copy)	✓		Excello Shale	1017 KB	-90
List All E. Logs Run:			V Shale	1066 KB	-139
Compensated Density Neutron Dual Induction		Weir - Pitt Coal	1178 KB	-251	
		Mississippian	1377 KB	-450	

CASING RECORD <input checked="" 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
Surface	12 1/4	8.65	23	21	Portland	8	
Casing	7 7/8	5.5	15.5	1459	'A' Cement	195	2% Cacl ₂ , 4% G

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
9	1321.5-1323.5	125 g of 15% HCl+516 13#8 gel water+	1321.5
		6200 #20/40+2300 #12/20	
7	1368-1369.5	125 g of 15% HCl+192 B Slick water	1368

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
		2.875	1422.2	1370			
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
3/18/03		Flowing		<input checked="" type="checkbox"/> Pumping		Gas Lift Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
		7	111				

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: Other (Specify) _____