

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION



Form ACO-1 September 1999 Form Must Be Typed

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365	API No. 15 - 125-30224 - 00 · 00
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	<b>V</b> ESE - <u>SW Sec. 16 Twp. 31 S. R. 17</u> ✓ East ☐ West
City/State/Zip: Mission Woods, KS 66205 MAY 0 3 2004	1056feet from S/ N (circle one) Line of Section
Colf Pipolino LLC	2002
Operator Contact Person: Melissa Thieme	Footages Calculated from Nearest Outside Section Corner:
Phone: ( <u>913</u> ) <u>748-3971</u>	(circle one) NE SE NW 6W
Contractor: Name: Layne Christensen Canada, Ltd.	Lease Name: Pierce Well #: 16-1
License: 32999	Field Name: Coffeyville-Cherryvale
Wellsite Geologist: Jim Stegeman	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 840 Kelly Bushing: 843
New Well Re-Entry Workover	Total Depth: 1094 Plug Back Total Depth: 1070
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 48 Feet
Cas 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 1070
Operator:	feet depth to Surface w 150 sx cmt.  ACTIL WHM 02-06-07
Well Name:	
Original Comp. Date:Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used N/A - Air Drilled
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	·
Other (SWD or Enhr.?) - Docket No	Operator Name:
May 26, 2003 June 3, 2003 11/20/03	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Ouarter Sec TwpS. R East  West
Recompletion Date Recompletion Date	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.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.  months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature:	KCC Office Use ONLY
Title: Agent / Date: 4/28/04	Letter of Confidentiality Attached
Subscribed and sworn to before me this 291 day of April	If Denied, Yes Date:
2004	Wireline Log Received
	Geologist Report Received
Notary Public: Mllesse Theme	UIC Distribution
Date Commission Expires: 6/20/05  MELISSA NOTARY STATE OF My Appt. Exp	PUBLIC KANSAS KANSAS

## Side Two

Operator Name: Lay	ne Energy Opera	ating, LLC		Lease Na	me: H	rierce		Well #: 16-	1		
Sec. 16 Twp. 31 S. R. 17 East West					Montg	jomery					
INSTRUCTIONS: Si tested, time tool ope temperature, fluid red Electric Wireline Log	n and closed, flowing covery, and flow rate	g and shut-in pre s if gas to surfac	essures, whe	ether shut- g with final	in pre	ssure reached	static level, hydros	static pressur	es, botto	m hole	
Drill Stem Tests Taken Yo (Attach Additional Sheets)			∕es ✔ No		✓ Log Formation (Top), Depth			and Datum		Sample	
Samples Sent to Ge	☐ Yes  ✓ No			Name			Тор	1	Datum		
Cores Taken  Electric Log Run (Submit Copy)  List All E. Logs Run:  Compensated Density Neutron  Dual Induction		Yes		Pawr	nee Lime		428 GL	412			
		✓ Yes No			Excello Shale			550 GL	2	290	
			Mulk Rive		ky erton		555 GL 976 GL		285 -136		
		RECEIVED									
		MAY 0 3	2004		Miss	issippian		985 GL		-145	
		KCC W	CHITA	CORD [	v Ne	w Used					
	0				ce, inte	rmediate, product			T		
Purpose of String	Size Hole Size Casing Drilled Set (In O.D.)			Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacis Used	Type and Percent Additives		
Surface	11 1/2	11 1/2 8.65		23		48	Class A	20	cacl2 3%		
Casing	7 7/8	5.5		5.5		1070	Thixotropic + Gilsonite	150			
		ADD	FEIGNIAL CE	CA ACCR CITIES (A)	/ 2011						
Purpose:	Depth	Type of Cement		#Sacks Used		UEEZE RECORD  Type and Percent Additives					
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	,,,,					, po ana r				
Plug Oil Zone											
Shots Per Foot	PERFORATI	ION RECORD - B	ridge Plugs S	Set/Type		Acid, Fracture, Shot, Cement Squeeze Record					
Shots Fer Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					(Amount and Kind of Material Used) Depth					
4	976-979, 904-905.5					500g 15% HCL, 125B 1% KCL Water, 3150# 20/40 Sand 904-979					
4	869-871, 872-874, 881-883					750g 15% HCL, 431B 1% KCL Water, 5124# 20/40 Sand 869-883					
4	550-557, 529-532					750g 15% HCL, 385B 1% KCL Water, 3700# 20/40 Sand 529-557					
4	464-467					650g 15% HCL, 223B 1% KCL Water, 1575# 20/40 Sand 464-467					
						***					
TUBING RECORD 2.7	Size 7/8	Set At 1033'	F	Packer At		Liner Run	Yes No				
Date of First, Resumer 4/13/04	d Production, SWD or E	Enhr. Produ	ucing Method	F	lowing	Pumpir	ng Gas Lift	Othe	er <i>(Expiain</i>	n)	
Estimated Production Per 24 Hours	Oil		ias Mcf	i i	Wate	r Bi	ols. Ga	s-Oil Ratio		Gravity	
Disposition of Gas	METHOD OF (	O	***************************************	1	80	Production Inter	/al	~~~			
Vented Sold	Used on Lease		en Hole	Perf.	Пр	ually Comp.		owe, River	ton, Dry	ywood,	
	abmit ACO-18.)		ner <i>(Specify)</i> _			, ovillpi	- Commisses	exington, S			