KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

A. 15 2008 September 1999 Form Must Be Typed

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WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365	API No. 15 - 125-31144-00-02
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	
City/State/Zip: Mission Woods, KS 66205	660 feet from S/ N (circle one) Line of Section
Purchaser:	660 feet from E / (circle one) Line of Section
Operator Contact Person: Timothy H. Wright	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3960	(circle one) NE SE NW W
Contractor: Name: McPherson Drilling	Lease Name: Beurskens Well #: 13-21
License: 5675	Field Name: Jefferson-Sycamore
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 785' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1069' Plug Back Total Depth: 1055'
New Well He-Entry Workover Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 46 Feet
Oil SWD Iemp. Abd. ✓ 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 1055'
Operator: SAME AS ABOVE	feet depth to Surface w/ 110 sx cmt.
Well Name:	Drilling Fluid Management Plan ΟωωΌ- Alt II νCL
Original Comp. Date: 11/7/2006 Original Total Depth: 1069'	(Data must be collected from the Reserve Pit) 8-10-09
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls
Plug Back 1055' Plug 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:
12/5/2007 12/6/2007	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. R. East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workown Information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-13) and geologist well report shall be attached with this form. ALL CEMENTING ls. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to requ	ulate the oil and gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	rate the on and gas massify have seen any compact
	KCC Office Use ONLY
Signature:	KCC Office Use ONLY
Title: Project Engineer Date: 4/9/00	Letter of Confidentiality Attached
Subscribed and sworn to before me this 9 day of Opril	If Denied, Yes Date:
	Wireline Log Received
20 V / 1 / 1 / 1 / 1 / 1 / 1 / 1	MacLAUGHLIN DARLING Notary Public - State of Kansas Policy Public - State of Kansas
Notary Public: //Wefaullen Sales	My Appt. Expires /- 4-20/X C Distribution
Date Commission Expires: $y-4-20/3$	ny report

Operator Name: Lay	ne Energy Opera	iting, LLC	Lease N	lame:	Beurskens	·····	Well #: 13-	·21		
		✓ East	County:				···			
ested, time tool oper emperature, fluid red	n and closed, flowing covery, and flow rate	and base of formations of and shut-in pressures if gas to surface test, inal geological well site	, whether shu along with fin	t-in pre	ssure reached	static level, hydro	static pressu	res, bottom hole		
Orill Stem Tests Take		☐ Yes 🗸 No		⊘ Lo	og Formatio	on (Top), Depth a	and Datum	Sample		
Samples Sent to Geo	,	☐ Yes 🗸 No		Name	e		Тор	Datum		
ores Taken	ological Gulvey	Yes No		Pawi	nee Lime		537 GL	248		
lectric Log Run (Submit Copy)		✓ Yes		Exce	llo Shale		680 GL	105		
ist All E. Logs Run:				V Sh	ale		730 GL	55		
Compensated Double Dual Induction	ensity Neutron			Mine	ral Coal		770 GL	15		
		CASING Report all strings set	G RECORD -conductor, surf	✓ Ne		ion, etc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigh	ıt	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives		
Surface	11"	8.625"	24		46'	Class A	50	Type 1 cemer		
Casing	6.75"	4.5"	10.5		1055'	Thick Set	110	10# KOL seal @		
							<u> </u>			
		ADDITIONA	L CEMENTING	G / SQL	JEEZE RECORD)				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks U	Jsed		Type and F	Percent Additive	es .		
Shots Per Foot		ON RECORD - Bridge Pl Footage of Each Interval P					ure, Shot, Cement Squeeze Record			
	See Attached P	age				RECEIVED KANSAS CORRECT COMMISSION				
						Á	& 15 mm	ţ;		
						GONSE TO TO TO THE WIGHT				
TUBING RECORD	Size	Set At	Packer At		Liner Run	Yes 📝 No		1		
	3/8" d Production, SWD or I	867' Enhr. Producing M	ethod	Flowing	g 📝 Pumpi			her (Explain)		
Estimated Production Per 24 Hours	Oil O	Bbls. Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity		
Disposition of Gas	METHOD OF				Production Inter	val				
Vented ✓ Sold (If vented, So	Used on Lease	Open Hole			Dually Comp.	Commingled _				

Operator Name	Layne Energy Operating, LLC.						
Lease Name	Beurskens 13-21						
	Sec. 21 Twp. 31S Rng. 16E, Montgomery County						
API	15-125-31144-00-02						
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth				
	Initial Perforations (November 2006)						
	Open Hole Riverton 1055' - 1069'	22.5 gal CS-2 5 gal Clay treat TS	1055' - 1069'				
	·	4 gal Clay treat PP 250 gals 15% HCl acid					
		erforations (June 2007)					
4	Mineral 770' - 772' Croweburg 731.5' - 733.5' Bevier 707.5' - 709'	16500 lbs 20/40 sand 160 bbls water (gel) 500 gals 15% HCl acid	707.5' - 772'				
	2nd Recompletion Perf	orations (December 2007)					
4	Mulky 683' - 686.5' Summit 657' - 659'	8919 lbs 20/40 sand 568 bbls water (gel) 450 gals 15% HCl acid	657' - 686.5'				

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APR 15 2009

CONSERVITION DIVISION WICHITA, KS