KANSAS CORPORATION COMMISSION OR I GINAL OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

KCC WICHITA

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365	API No. 15 - 125-30565-00-00 Amended
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	SE _SE Sec. 18 Twp. 31 S. R. 15
City/State/Zip: Mission Woods, KS 66205	660 feet from S / N (circle one) Line of Section
Purchaser:	660 feet from (E) W (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 SW
Contractor: Name: MOKAT Drilling	Lease Name: Schwatken Well #: 16-18
License: 5831	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 959' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1485' Plug Back Total Depth: 1482'
Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 20 Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
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 1482
Operator:	feet depth to Surface w/ 190 sx cmt.
Well Name:	AM-Dh-7/2
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 Back Plug Back Total Depth	Dewatering method used N/A - Air Drilled
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
6/22/2004 6/24/2004 9/22/2004	Lease Name: License No.:
Spud Date or Recompletion Date Date Reached TD Recompletion Date Completion Date Recompletion Date	Quarter Sec. Twp. S. R. East West County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 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 . Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulaterein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: Aiibī Allyd	KCC Office Use ONLY free alr.
Title: Manager of Engineering Date: 6/26/09	Letter of Confidentiality Attached
Subscribed and sworn to before me this day of Quine	If Denied, Yes Date: 7/13/09
\sim	Wireline Log Received
Notary Public: Mac Laughlin Staple	lacLAUGHLIN DARLING local Policy Public - State of Kansall Chistribution RECEIVED
	My App! Fxor 14-2013

Operator Name: Layne Energy Operating, LLC				Lease Name: Schwatken			Well #: 16-18			
Sec. 18 Twp. 3	1S. R15	✓ East		ty: Mont	gomery					
INSTRUCTIONS: Sitested, time tool oper temperature, fluid red Electric Wireline Logs	n and closed, flowing covery, and flow rate	g and shut-in pressur s if gas to surface te	res, whether s st, along with	shut-in pro	essure reached	static level, hydro	ostatic pressur	es, botto	m hole	
Drill Stem Tests Taken ☐ Yes ✓ No (Attach Additional Sheets))	✓ Log Formation (Top), Depth			and Datum		Sample	
Samples Sent to Geological Survey		☐ Yes 🗸 No)	Name			Тор	Datum		
		Yes V			Pawnee Lime		896 GL 6		63	
		✓ Yes			Excello Shale			1028 GL -69		
List All E. Logs Run:				V SI	nale		1082 GL	-	123	
Compensated Density Neutron				Mineral Coal			1126 GL -167			
Dual Induction				Mississippian			1382 GL	-423		
			ING RECORD	_	ew Used ermediate, produc	tion, etc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacjs Used		Type and Percent Additives	
Surface	11"	8.625"	24		20'	Class A	4	Туре	Type 1 cement	
Casing	7-7/8"	5.5"	15.5		1482'	Thick Set	190			
		ADDITIO	NAL CEMENT	FINC / CO	HEEZE BECORE					
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement		#Sacks Used Ty			pe and Percent Additives RECEIVED			
								JU	N 3 0 2009	
								-KCC	WICHIT	
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					
4 1373-1374.5, 1332-1334, 1259-1260, 1235					Riverton, Rowe, Stray coal, Bluejacket: 1200G 15% HCL Acid,					
					537bbls 1% KCL Water, 3800# 20/40 Sand, Balls 1235 - 1374.5					
4 1126-1128, 1082-1085, 1061.5-1064.5					Mineral, Croweburg, Sevier: 1300G 15% HCL Acid, 470 bi 1% KCL Water, 3936# 20/40 Sand, Balls 1061.5 - 1128					
4	1027-1033, 1009-1014, 893-894.5				Mulky, Summit, Mulberry: 1500G 15% HCL Acid, 565 bbls					
				1% KCL Wate		ater, 3591# 20	, 3591# 20/40 Sand, Balls 893 - 1033			
TUBING RECORD 2-3	Size	Set At 1401'	Packer	r At	Liner Run	Yes ✓ No)			
Date of First, Resumer	d Production, SWD or I	Enhr. Producing	Method	Flowin	ng 🗸 Pumpi	ng Gas Li	ift Oth	er (Explain	,	
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wat 80	er B	bls.	Gas-Oil Ratio	***************************************	Gravity	
Disposition of Gas	METHOD OF				Production Inter	val	· · · · · · · · · · · · · · · · · · ·			
Vented ✓ Sold (If vented, Su	Used on Lease	Open F	lole ☑ Pe	erf.	Dually Comp.	Commingled		***************************************		

June 29, 2009

Mr. Steve Bond Kansas Corporation Commission Oil & Gas Conservation Division 130 S. Market, Room 2078 Wichita, KS 67202

Re: Amended Well Completion Form

Dear Mr. Bond:

I have enclosed the amended ACO-1 form and associated data for the following well:

API # 15-125-30565-00-00 Schwatken 16-18

We respectfully request that all information submitted be kept confidential. Per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year **if applicable**.

If you need additional information, please contact me at (913) 748-3960.

MacLaughlin Darling

Sincerely,

MacLaughlin Darling Production Analyst

Enclosures

cc:

Well File

Field Office

RECEIVED
JUN 3 0 2009







Mark Parkinson, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

July 13, 2009

Layne Energy, Inc. 1900 Shawnee Mission Parkway Mission Woods, KS 66205

RE: Requests for Confidential Status

Dear Ms. Darling:

This letter is to advise you that your requests for confidential status that were submitted with the amended ACO-1s for the wells referenced below have been denied as the maximum confidential period of two years has already been conferred. The applicable wells are as follows:

1. Miller 13-11 15-125-31004-0000 2. Cox 4-33 15-125-30980-0000 3. Schwatken 16-18 15-125-30565-0000

Please contact me directly at (316) 337-6108 if you have any questions.

Sincerely,

Marjorie ('Maggie') Marcotte

Production Department