

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WICHITA, KS

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365	API No. 15 - 125-31345-00-00 2nd Amended
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	
City/State/Zip: Mission Woods, KS 66205	1600 feet from S/ N (circle one) Line of Section
Purchaser:	117 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 SW
Contractor: Name: McPherson Drilling	Lease Name: Dunbar Well #: 12-35
License: 5675	Field Name: Cherokee Basin Coal Area
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 732' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1105' Plug Back Total Depth: 1097'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 45 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 1097
Operator:	feet depth to_Surface
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AH TLW 41609
DeepeningRe-perfConv. to Enhr./SWD	(Data must be collected from the Reserve Rit) N/∆
Plug Back Plug Back Total Depth	Chloride content N/A ppm Fluid volume bbls
Commingled Docket No.	Dewatering method used N/A - Air Drilled
·	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name:License No.:
4/30/2007 5/2/2007 11/8/2007	Quarter Sec Twp S. R
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the 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. 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
All requirements of the statutes, rules and regulations promulgated to regulat 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: Project Engineer Jate: 7/11/18	Letter of Confidentiality Attached
Subscribed and sworn to before me this <u>12</u> day of <u>Dicemb</u>	If Denied, Yes Date:
20.08.	Wireline Log Received RECEIVED KANSAS CORPORATION COMMISS Geologist Report Received
Notary Public: MacLaughlin Darling	MacLAUGHLIN DARYING tion DEC 2 2 2008
Date Commission Expires: 1-4-3009	My Appt. Expires 1-4-2009 CONSERVATION DIVISION

Side Two

Operator Name: Layı	ne Energy Oper	ating, LL	<u> </u>	Leas	se Name:	Dunbar		Well #: 12	-35	
Sec. 35 Twp. 33 S. R. 16 Fast West			County: Montgomery					······································		
NSTRUCTIONS: Shested, time tool open emperature, fluid rece Electric Wireline Logs	and closed, flowing overy, and flow rate	g and shutes if gas to	in pressures, surface test, a	whether llong with	shut-in pr	essure reached	static level, hyd	drostatic pressu	res, botto	m hole
Drill Stem Tests Taken				✓ Log Formation (Top),), Depth and Datum		Sample	
Samples Sent to Geological Survey Yes No Cores Taken Yes No		es ☑No	✓No		ne	Тор		Datum		
		es 🗸 No		Pawnee Lime			374 GL	374 GL 358		
Electric Log Run (Submit Copy)		√ Y	es 🗌 No		Exc	ello Shale		544 GL		188
(Submit Copy) List All E. Logs Run:			V Shale			598 GL	GL 134			
Compensated De	neity Neutron			Mineral Coal				651 GL	651 GL 81	
Dual Induction	maity ineditori				Mis	sissippian		995 GL	-	-263
		Reno		RECORD		ew Used	ction etc	<u></u>		
Purpose of String	Size Hole	Siz	e Casing	w	eight	Setting	Type of	# Sacjs	Туре	and Percent
Surface	Drilled	8.625"	Set (In O.D.)		s. / Ft.	Depth 45'	Class A	Used 60	<u> </u>	1 cement
Casing	6.75"	4.5"		10.5		1097'	Thick Set	115	#10 KOL seal @ sx	
	/						· · · · · · · · · · · · · · · · · · ·		1	
		1	ADDITIONAL	CEMEN	TING / SQI	JEEZE RECOR	 D			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	Type of Cement		ks Used	Type and Per		d Percent Additive	S .	
Shots Per Foot PERFORATION RECORD - Bridge Plugs S					e	Acid, Fracture, Shot, Cement Squeeze Record				
Specify Footage of Each Interval Perfo				forated		(4	Amount and Kind of	Material Used)		Depth
	See Attached P	age							, . <u></u>	
001	TIDENT	1 / 1		1100				KANSAS		EIVED ATION COMMIS
- ՄՍ	NEIDENI	IAL		,						2 2008
TUBING RECORD	Size	Set At	·	Packer	· A+	Liner Run		C	ONSERVA	TION DIVISION
2-3/		1008'		racker		1	Yes 🗸			IITA, KS
Date of First, Resumerd	Production, SWD or I	Enhr.	Producing Met	hod	Flowin	g 🗸 Pump	ing Gas	Lift Oth	ner (Explain	,
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Wate	er 1	Bbls.	Gas-Oil Ratio		Gravity
Disposition of Gas	0 METHOD OF 0	COMPLETIC	5.3 DN		0	Production Inte	erval		·····	
Vented ✓ Sold	Used on Lease		Open Hole	▼ Pe	erf. [][Dually Comp.	✓ Commingled	<u> </u>		
(If vented, Sub	mii ACO-18.)		Other (Speci	fy)						

Operator Name:	Layne Energy Operating, LLC.				
Lease Name:	Dunbar 12-35				
	Sec. 35 Twp. 33S Rng. 16E, Montgomery County				
API:	15-125-31345-00-00				
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth		
	Initial Pe	erforations			
4		2445 lbs 20/40 sand			
	Rowe 921.5' - 923'	265 bbls water	921.5' - 923'		
		300 gals 15% HCl acid			
4	Weir 741.5' - 744.5' Mineral 650.5' - 652'	4973 lbs 20/40 sand			
		590 bbls water	650.5' - 744.5'		
		700 gals 15% HCl acid			
4	V-Shale 600.5' - 602.5' Iron Post 574.5' - 576'	5006 lbs 20/40 sand			
		607 bbls water	574.5' - 602.5'		
		500 gals 15% HCl acid			
4	Mulky 545' - 548' Summit 512' - 514'	5244 lbs 20/40 sand			
		554 bbls water	512' - 548'		
		700 gals 15% HCl acid	L		

CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

DEC 2 2 2008

CONSERVATION DIVISION WICHITA, KS