

Operator: License # 33365

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

API No. 15 - 125-30133-00-02

September 1999

Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASEMEN

WICHITA, KS

Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	NE_NW_ Sec. 5 Twp. 32 S. R. 15 V East West
City/State/Zip: Mission Woods, KS 66205	615 feet from S / (O) (circle one) Line of Section
Purchaser: Layne Energy Sycamore Pipeline, LLC	1579 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: Layne Christensen Canada, Ltd.	Lease Name: Smith C Well #: 3-5
License: 32999	Field Name: Jefferson-Sycamore
Wellsite Geologist: Larry Weis	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 785' Kelly Bushing: 788'
New Well Re-Entry Workover	Total Depth: 1299' Plug Back Total Depth: 1298'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 21 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 1298
Operator: Layne Christensen Canada, Ltd. #32999	feet depth to Surface w/ 150 sx cmt.
Well Name: SAME AS ABOVE	Drilling Shrid Management Plan O o Alb T and
Original Comp. Date: 2/19/2004 Original Total Depth: 1299	Drilling Fluid Management Plan OWO - AIT II NOU (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 1120' CIBP 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:
6/7/2004 6/10/2004	Lease Name: License No.:
Spud Date or Recompletion Date Date Reached TD Recompletion Date Completion Date or Recompletion Date	Quarter Sec Twp. S. R East West County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with 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 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r 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 regular herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature	KCC Office Use ONLY
Title: Project Engineer / Date: 4//4/00)	Letter of Confidentiality Attached
Subscribed and sworn to before me this 14 day of april	If Denied, Yes Date:
	Wireline Log Received
2009	Geologist Report Received
Notary Public: ////////////////////////////////////	MacLAUGHLIN DARLING Notary Public - State of Karisas istribution
Date Commission Expires: 1-4-2013	My Appt. Expires J-4-2013

Operator Name: Lay	perator Name: Layne Energy Operating, LLC			Lease Name: Smith C				Well #: <u>3-5</u>		
Sec. 5 Twp. 3				Count	nty: Montgomery					
INSTRUCTIONS: SI tested, time tool oper temperature, fluid red Electric Wireline Logarity	n and closed, flowing covery, and flow rate	and shut if gas to	-in pressures, v surface test, a	whether si long with t	hut-in pre	ssure reached	static level, hydro	static pressure	es, bottom hole	
Drill Stem Tests Taken					√ L	og Formati	on (Top), Depth a	ind Datum	Sample	
			es ✓ No		Name Pawnee Lime		_{Тор} 677 КВ		Datum 111	
			es ✓ No							
Electric Log Run (Submit Copy)		√ Y	• • • • • • • • • • • • • • • • • • • •		Exce	ello Shale		826 KB	-38	
List All E. Logs Run:					V Sr	nale		875 KB	-87	
Compensated D	ensity Neutron			Weir - Pitt Coal			994 KB	-206		
Compensated Density Neutron Dual Induction					Mississippian			1204 KB	-416	
		Repo	CASING of the control		√ Ne	ew Used ermediate, produc	tion, etc.			
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)		ight / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	12-1/4"	8.625"	. (0.2.)	23		21'	Portland	8	, tourist	
Casing	7-7/8"	5.5"		15.5		1298'	Diacel	150		
			ADDITIONAL	CEMENT	ING / SOI	IEEZE DECODI				
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement		#Sacks Used		LEZE KEGOKI	Type and Percent Additives			
Plug Off Zone							. to the table to the same second control to the	******		
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					
See Attached Page										
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TUBING RECORD 2-	Size 7/8"	Set At 1075'		Packer	At	Liner Run	Yes ✓ No	,		
Date of First, Resumed	d Production, SWD or E	nhr.	Producing Meth	nod	Flowin	g ✓ Pump	ing Gas Li	ft Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas 120	Mcf	Wat	er E	Bbls. (Gas-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF (COMPLETION				Production Inte	rval		· · · · · · · · · · · · · · · · · · ·	
Uented ✓ Sold (If vented, S	Used on Lease		Open Hole Other (Spec	✓ Per	rf. (Dually Comp.	Commingled _			

Operator Name: Layne Energy Operating, LLC. #33365

Lease Name: SMITH C 3-5

Lease Location: SE NE NW 5-32S-15E MONTGOMERY, KS

API: 15-125-30133-00-02



Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Initial Perforations	(February 2004)	
4	Lower Mississippi 1220' - 1224'	120 Water (bbls) 1000 HCl (15%) (gal)	1220' - 1224'
4	Upper Mississippi 1210' - 1214'	100 Water (bbls) 1000 HCl (15%) (gal) 30 Balls	1210' - 1214'
	1st Recompletion Perfe	orations (May 2004)	
4	Bartlesville Sand 1130' - 1140'	1000 HCI (15%) (gal) 130 Water (bbls)	1130' - 1140'
	2nd Recompletion Perfe	orations (June 2004)	
4	Tebo 965' - 970' Weir 994' - 996' Bluejacket 1028' - 1029' Drywood 1048' - 1050'	78 Balls 5800 Sand (20/40) (lbs) 476 Water (bbls) 1350 HCl (15%) (gal)	965' - 1050'
4	Bevier 853' - 855' Croweburg 878' - 880' Fleming 884' - 886' Mineral 916' - 918'	5668 Sand (20/40) (lbs) 170 Water (bbls) 750 HCl (15%) (gal)	853' - 918'
4	Mulberry 675' - 676' Summit 804' - 807' Mulky Coal 830' - 834'	3727 Sand (20/40) (lbs) 256 Water (bbls) 750 HCl (15%) (gal)	675' - 834'



