Kansas Corporation Commission Oil & Gas Conservation Division

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

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$\Theta \omega_{I}$	September 1999
11/0/4	Form Must Be Typed
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	<i>,</i>
Operator: License # 33365	API No. 15 - 125-30127-00-01
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	NE _SW Sec. 29 Twp. 31 S. R. 15 ★ East West
City/State/Zip: Mission Woods, KS 66205	2050 feet from (S) / N (circle one) Line of Section
Purchaser:	2086 feet from E / (W) (circle one) Line of Section
Operator Contact Person: M. Brent Nattrass	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3960	(circle one) NE SE NW
Contractor: Name: Layne Christensen Canada, Ltd.	Lease Name: Chism W Well #: 11-29
License: 32999 33682	Field Name: Jefferson-Sycamore
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 960' Kelly Bushing: 963'
New Well Re-Entry Workover	Total Depth: 1478' Plug Back Total Depth: 1477'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21 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 1478.5 TD
Operator:	feet depth to Surface w/ 265 sx cmt.
Well Name:	
Original Comp. Date: 2/20/2004 Original Total Depth: 1478'	Drilling Fluid Management Plan W NH 7-15-08 (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 1477' Plug Back Total Depth	Dewatering method used N/A - Air Drilled
Commingled Docket No	Dewatering method used 1974 - All Diffied
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
, , , , , , , , , , , , , , , , , , , ,	Lease Name: License No.:
7/26/2004 7/29/2004 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 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	n 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. 12 months if requested in writing and submitted with the form (see rule 82-3-3 and geologist well report shall be attached with this form. ALL CEMENTING 5. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	
Signature: MR MMa	KCC Office Use ONLY
Agent 8/20/07	1 10
Oare:	Letter of Confidentiality Attached
Subscribed and sworn to before me this <u>40</u> day of <u>Uuyus</u>	If Denied, Yes Date:
2001	Wireline Log Received Geologist Report Received RECEIVED
Notary Public: Mac Laughlen Harles	KANSAS CORPORATION COMMISS
Motory I	Button Come of Manage
Date Commission Expires: 1/4/2009 My Appl	

Operator Name: Layne Energy Operating, LLC			Lease Name: Chism W				Well #: 11-29		
Sec. 29 Twp	31 S. R. 15	. Eas	t West			tgomery			
INSTRUCTIONS: S tested, time tool ope temperature, fluid re Electric Wireline Log	n and closed, flowin covery, and flow rate	g and shu s if gas to	t-in pressures, surface test, a	whether sl long with f	nut-in pre	essure reached	static level, hydro	static pressur	
Drill Stem Tests Taken					✓ Log Formation (Top), Depth and Datum Sample				
(Attach Additional Sheets) Samples Sent to Geological Survey □ Yes Cores Taken ✓ Yes		′oo √ No		Nam	e		Тор	Datum	
					Paw	nee Lime		884 KB	79
Cores Taken Electric Log Run		✓ Y				alla Chala		4004 KD	-71
(Submit Copy)		•			EXC	ello Shale		1034 KB	-71
List All E. Logs Run:					V Sł	nale		1084 KB	-121
Commonant of F	Annaite Mautean				Wei	r - Pitt Coal		1190 KB	-227
Compensated D Dual Induction	ensity Neutron				Mis	sissippian		1387 KB	-424
		Page		RECORD	√ Ne				
Durance of String	Size Hole	1	ze Casing	Wei		ermediate, produc	Type of	# Sacks	Type and Percent
Purpose of String	Drilled		et (In O.D.)	Lbs.		Depth	Cement	Used	Additives
Surface	12.25"	8.625"		23		21'	Portland	8	Class A
Casing	7.875"	5.5"		15.5		1478.5'	Thixotropic	265	2% Cacl2
						į			
			ADDITIONAL	CEMENTI	NG / SQI	JEEZE RECORD)		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	e of Cement	#Sacks	Used		Type and P	ercent Additives	3
Shots Per Foot	PERFORAT Specify See Attached F	Footage of	RD - Bridge Plug Each Interval Per	s Set/Type forated			cture, Shot, Cement mount and Kind of Ma		rd Depth
TUBING RECORD 2-	Size 7/8"	Set At 1433'		Packer A	At	Liner Run	Yes ✓ No		
Date of First, Resumed 8/5/2004	d Production, SWD or E	nhr.	Producing Meth	od	Flowin	g √ Pumpi	ng Gas Lift	Oth	er (Explain)
Estimated Production Per 24 Hours	Oil 0	Bbls.	Gas 38	Mcf	Wate 234	er B	lbis. G	as-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETION				Production Inter	rval		
Uented ✓ Sold	Used on Lease		Open Hole	✓ Perf	τ. τ	Dually Comp.	Committee Committee	RECEIVE CORPORATION NUG 2 2 20	COMMISSION
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CONSERVATION DIVISION WICHITA, KS

Operator Name:	Layne Energy Operating, LLC.			
Lease Name:	Chism W 11-29			
	Sec. 29 Twp. 31S Rng. 15E, Montgomery County			
API:	15-125-30127-00-01			
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth	
	Initial Perfor	ations (3/2003)		
4	Weir Pitt 1190' - 1192'	100 bbls water 600 gals 15% HCl acid	1190' - 1192'	
	Recompletion Pe	erforations (7/2004)		
4	Riverton 1377' - 1379' Rowe 1335.5' - 1337' Stray Coal 1284' - 1285' Drywood 1265' - 1266'	4252 lbs 20/40 sand 525 bbls 1% kcl water 1225 gals 15% HCl acid	1265' - 1379'	
4	Bluejacket 1229' - 1230' Sycamore 1214' - 1218' Weir 1190' - 1192'	4253 lbs 20/40 sand 525 bbls 1% kcl water 1175 gals 15% HCl acid	1190' - 1230'	
4	Scammon A 1142' - 1144' Mineral 1129.5' - 1132. Croweburg 1087' - 1088.5'	3780 lbs 20/40 sand 485 bbls 1% kcl water 950 gals 15% HCl acid	1087' - 1144'	
4	Bevier 1063.5' - 1066' Mulky 1035' - 1041' Summit 1011' - 1014' Mulberry 880' - 882'	6143 lbs 20/40 sand 670 bbls 1% kcl water 1725 gals 15% HCl acid	880' - 1066'	

RECEIVED KANSAS CORPORATION COMMISSION

AUG 2 2 2007