KANSAS CORPORATION COMMISSION ORIGINAL OIL & GAS CONSERVATION DIVISION WELL COMP. TOTAL

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

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Form ACO-1
September 1999
Form Must Be Typed
A IN LUNC TO LIV
AMMENDE
WIND

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Operator: License # 33365	API No. 15 - 125-30895 - 00 - 00				
Name: Layne Energy Operating, LLC	County: Montgomery				
Address: 1900 Shawnee Mission Parkway	NW NE NW Sec. 19 Twp. 31 S. R. 17 TEast West				
City/State/Zip: Mission Woods, KS 66205	500 feet from S / (N) (circle one) Line of Section				
Purchaser:	1500 feet from E / (Gircle one) Line of Section				
Operator Contact Person: M. B. Nattress	Footages Calculated from Nearest Outside Section Corner:				
Phone: (_913) _748-3987	(circle one) NE SE NW SW				
Contractor: Name: MOKAT Drilling	Lease Name: O'Brien Well #: 3-19				
License: 5831	Coffee villa Chemanala				
Wellsite Geologist:	Producing Formation: Cherokee Coals				
Designate Type of Completion:	Elevation: Ground: 910 Kelly Bushing:				
✓ New Well — Re-Entry — Workover	Total Depth: 1204' Plug Back Total Depth: 1194'				
OilSWDSIOWTemp. 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 1201'				
_	Surface 120				
Operator:	feet depth to surface w/120 open sx cmt.				
	Orilling Fluid Management Plan				
Original Comp. Date:Original Total Depth:	(Data must be collected from the Reserve Pit)				
Deepening Re-perf. Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls				
Plug BackPlug Back Total Depth	Dewatering method used N/A - Air Drilled				
Commingled ! Docket No	Location of fluid disposal if hauled offsite:				
Dual Completion Docket No	Operator Name:				
Other (SWD or Enhr.?) Docket No.					
11/30/2005 12/1/2005 1/30/2006	Lease Name: License No.:				
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec Twp S. R				
Troosinplator Sale	County: Docket No.:				
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Kansas 67202, within 120 days of the spud date, recompletion, workor 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, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-12 and geologist well report shall be attached with this form. ALL CEMENTING Is. Submit CP-111 form with all temporarily abandoned wells.				
All requirements of the statutes, rules and regulations promulgated to regulatering are complete and correct to the best of my knowledge.	alate the oil and gas industry have been fully complied with and the statements				
Signature: MS Wattre	KCC Office Use ONLY				
Title: Agent Date: 3/17/06	Letter of Confidentiality Attached				
Subscribed and sworn to before me this 27th day of WWW	If Denied, Yes Date:				
2000					
May May W	Geologist Report Received KANSAS CORPORATION COMMI				
Notary Public 1 10 10 10 10 10 10 10 10 10 10 10 10 1	UIC Distribution				
Date Commission Expires: NOTARY PUBLIC - State Of Kar					
BROOKE C. MAXFJELD My Appt. Exp. 'Z Z8/8	CONSERVATION DIVISION WICHTA KS				

Operator Name: La)	ne Energy Oper	ating, LL	<u> </u>	Lease	Name:_	O'Brien		_ Well #: _3-19	9	
Sec. 19 Twp. 3	S. R. 17	_ ✓ East	t West		y: Monte					
INSTRUCTIONS: S tested, time tool ope temperature, fluid re Electric Wireline Log	n and closed, flowin covery, and flow rate	g and shut es if gas to	-in pressures, surface test, a	whether sillong with t	hut-in pre	ssure reached	static level, hydro	static pressur		
Drill Stem Tests Take		Y	es 🗸 No		 ✓L	og Formatio	on (Top), Depth a	ind Datum	Sample	
Samples Sent to Ge	ological Survey	□ Y	es 🗹 No		Nam	е		Тор	Datum	
Cores Taken		Y			Paw	nee Lime		582 GL	328	
Electric Log Run (Submit Copy)						Exce	ello Shale		708 GL	202
List All E. Logs Run:	F				V St	nale		761 GL	149	
Compensated D	ensity Neutron				Mine	eral Coal		804 GL	106	
Dual Induction	!				Miss	sissippian		1104 GL	-194	
	į	Repo		RECORD	✓ Ne urface, inte	ew Used ermediate, product	ion, etc.			
Purpose of String	Size Hole Drilled		e Casing t (In O.D.)	Wei	ight / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives	
Surface	11"	8.625"		24		20'	Class A	4	Type 1 cement	
Casing	6.75"	4.5"		10.5		1201'	Thick Set	120		
		1	ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose: Depth Ty Perforate Top Bottom		Туре	e of Cement #Sacks Use			Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone	!									
				<u> </u>						
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									
	1							RE	CEIVED ORATION COMMISSION	
	1							JUN	1 0 2008	
									RVATION DIVISION VICHITA, KS	
TUBING RECORD 2	Size -3/8"	Set At 1075'		Packer A	At	Liner Run	Yes 🗸 No		····	
	d Production, SWD or		Producing Met	hod	Flowing	g 🗸 Pumpir	ng 🔲 Gas Lit	t Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls. C	Gas-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF	COMPLETIC	54 DN		0	Production Inter	val			
Vented ✓ Sold	Used on Lease		Open Hole	Peri	r. 🔲 🛭	Dually Comp.	✓ Commingled _			
(ii veilled, 3t	John 200-10.)		Other (Spec	ify)						

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	O'Brien 3-19		
	Sec. 19 Twp. 31S Rng. 17E, Montgomery County		
API:	15-125-30895-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1031-1032.5, 917-918, 819.5-820.5, 803.5-805	Rowe, Bluejacket, Scammon A, Mineral-3400# 20/40 sand, 1200 gal 15% HCl, 362 bbls wtr	803.5-1032.5
4	761-763, 738.5-740, 707-712.5, 682-685.5, 627-628.5, 621.5-622.5	Croweberg, Ironpost, Mulky, Summit, Lexington B, Lexington A - 7800# 20/40 sand, 3000 gal 15% HCl, 615 bbls wtr	621.5-763

RECEIVED KANSAS CORPORATION COMMISSION

JUN 10 2008

CONSERVATION DIVISION WICHITA, KS