KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365	API No. 15 - 125-30309 706 701
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	NW_SESec. 10 Twp. 32 S. R. 16 East West
City/State/Zip: Mission Woods, KS 66205	2195 feet from S / N (circle one) Line of Section
Purchaser:	2051 feet from (E) W (circle one) Line of Section
Operator Contact Person: M. B. Nattrass	Footages Calculated from Nearest Outside Section Corner:
Phone: (_913) 748-3987	(circle one) NE (SE) NW SW
Contractor: Name: Layne Christensen Canada, Ltd.	Lease Name: Romans Well #: 10-10
License: 32999	Field Name: Brewster
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 899 Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1272 Plug Back Total Depth: 1242
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 42 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 1263
Operator: LAYNE ENERGY CYTAARM LLC	feet depth to Surface w/ 175 sx cmt.
Well Name: Pomans 10-10	W SA ONL
Original Comp. Date: 8-8-03 Original Total Depth: 1272	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) ATT 4-76-06 WHTM
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back Plug Back Total Depth	Chloride content N/A ppm Fluid volume bbls
Commingled Docket No	Dewatering method used N/A - Air Drilled RECEIVED
Dual Completion Docket No	Location of fluid disposal if hauled offsite: RECEIVED KANSAS CORPORATION COMMISSION KANSAS CORPORATION COMMISSION COMMIS
	Operator Name: FEB 16 2006
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.: 13
3/23/2005 3/24/2005 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. CONSERVATION DAVISION est
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.: WICHITA, KS
4	
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 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well	
All requirements of the statutes, rules and regulations promulgated to regunerein are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
Signature: MB Addition	KCC Office Use ONLY
Title: Agent Date: 2//0/06	Letter of Confidentiality Attached
Subscribed and sworn to before me this 10 day of February	
	Wireline Log Received
Notary Public Product (May)	Geologist Report Report GINA UIC Distribution
12/20/20	
Date Commission Expires: VZIZOIO	

NOTARY PUBLIC - State Of Kansas BROOKE C. MAXFIELD My Appl. Exp. 12 28 09

Operator Name: Layne Energy Operating, LLC			Lease	Lease Name: Romans		Well #: 10-10			
Sec. 10 Twp. 32 S. R. 16 East West				County: Montgomery		·			
INSTRUCTIONS: SI tested, time tool oper temperature, fluid red Electric Wireline Loga	n and closed, flowing covery, and flow rate	g and shut-in pressu s if gas to surface te	res, whether st st, along with f	nut-in pre	ssure reached	static level, hydros	static pressure	es, bottom hole	
Drill Stem Tests Take		☐ Yes 🗸 N	0	⊘ L	og Format	tion (Top), Depth ar	nd Datum	Sample	
(Attach Additional Sheets) Samples Sent to Geological Survey Cores Taken		☐ Yes 🗸 N	,	Nam	e		Тор	Datum	
		Yes VN	,	Pawnee Lime			610 GL		
Electric Log Run (Submit Copy)		✓ Yes N		Excello Shale			764 GL	135	
List All E. Logs Run:				V Sh	ale		819 GL	80	
Compensated D	ensity Neutron			Weir - Pitt Coal			940 GL	-41	
Compensated Density Neutron Dual Induction			Mississippian			1169 GL	-270		
		CAS Report all strings	ING RECORD set-conductor, se	✓ Neurface, inte		ction, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei Lbs.		Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives	
Surface	11 1/4	8.65	23	7 * **	42	Class A	25	cacl2 3%	
Casing	7 7/8	5.5	15.5		1263	Thixotropic + Gilsonite	175		
		ADDITIO	DNAL CEMENTI	NG / SQL		ID.			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement					ercent Additives	\$	
	DEDEODAT	ON RECORD - Reidar	Pluge Sat/Time		Acid Fr	acture, Shot, Cement	Squeeze Reco	rd	
Shots Per Foot PERFORATION RECORD - Bridg Specify Footage of Each Inter-			al Perforated			Amount and Kind of Ma		Depth	
	See Attached				RECEIVED				
				SASINO			CORPORATION COMMISSION		
						FEB 1/2 20	006		
					CONSERVATION DIVISION				
						WICHITA, KS			
TUBING RECORD	Size	Set At	Packer i	At	Liner Run	☐Yes ✓ No			
	7/8 rd Production, SWD or I	1188'	a Method					MANAGEMENT	
3/25/2005	, roudellon, avvo or t			Flowin	g 🗸 Pum	ping Gas Lift	Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil O	Bbls. Gas 6	Mcf	Wat 143	er	Bbls. G	as-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF	COMPLETION			Production Int				
Vented Sold	Used on Lease ubmit ACO-18.)	Open I	Hole 🔽 Per	f. [] 1	Oually Comp.	Commingled V	Veir		

ORIGINAL

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Romans 10-10		
	Sec. 10 Twp. 32S Rng. 16E, Montgomery County		
API:	15-125-30309		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	943-947	Weir - 1000g 15.0% HCL+200 Mcf N2+181B gel	943-947
		water+16000# 16/30 sand	<u> </u>
	New Perl		
4	1157-1159, 1102.5-1104, 990-992, 942-946, 943-	Riverton, Rowe, Bluejacket, Weir, Tebo - 2,400g 15%	920-1159
	947, 920-921	HCL+ 560bbls Water + 4,882# 20/40 Sand	
4	860.5-862, 833-834, 821-824	Mineral, Flemming, Croweberg - 963g 15%	821-862
		HCL+381bbls Water + 2,992# 20/40 Sand	
4	794.5-796, 766.5-773, 738.5-743	Ironpost, Mulky, Summit - 2,187g 15% HCL+549bbls	738.5-796
		Water + 5,354# 20/40 Sand	

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FEB 📈 2006 🔎

CONSERVATION DIVISION WICHITA, KS