CONFIDENTIAL

Kansas Corporation Commission

ANSAS CORPORATION COMMISSION OF GIVE OIL & GAS CONSERVATION DIVISION OF GIVE OF COMMISSION OF COMMIS

Form ACO-1 September 1999 Form Must Be Typed 7/22/10

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365	API No. 15 - 125-31602-00-00 /Amended & Corrected
Layne Energy Operating LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	SWNW_Sec. 22 Twp. 31 S. R. 14
City/State/Zip: Mission Woods, KS 66205	2231 feet from S _e / (N) (circle one) Line of Section
Purchaser:	204
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: Kramer Well #: 5-22
License: 5675	Cherokee Basin Coal Area
Wellsite Geologist:	Charokae Coals
Designate Type of Completion:	Elevation: Ground: 873' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1408' Plug Back Total Depth: 1406'
OilSWDSIOWTemp	22
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic	
·	If Alternate II completion, cement circulated from 1406
If Workover/Re-entry: Old Well Info as follows:	Surface 195
Operator:	reet deptil to w/ sx criti.
Well Name:	Drilling Fluid Management Plan AHT NJ 17509
Original Comp. Date: Original Total Depth	(Data must be collected from the Reserve Pit)
Deepening Re-perf. Conv. to	Official content
Plug Back Plug Back To	Deviation of motion distribution of the motion of the moti
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
4/282008 4/29/2008 7/9/20	
	etion Date or inpletion Date County: Docket No.:
Kansas 67202, within 120 days of the spud date, rec Information of side two of this form will be held confiden 107 for confidentiality in excess of 12 months). One cop TICKETS MUST BE ATTACHED. Submit CP-4 form wi	m shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, completion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It is a period of 12 months if requested in writing and submitted with the form (see rule 82-3-y of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING the all plugged wells. Submit CP-111 form with all temporarily abandoned wells.
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Kansas 67202, within 120 days of the spud date, reconstruction of side two of this form will be held confident 107 for confidentiality in excess of 12 months). One cope TICKETS MUST BE ATTACHED. Submit CP-4 form with All requirements of the statutes, rules and regulations proherein are complete and correct to the best of my knowled Signature: Title: Agent Subscribed and sworn to before me this 22 day of 1	completion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Itial for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-130) of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING the all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Comulgated to regulate the oil and gas industry have been fully complied with and the statements edge. KCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received

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Side Two

CASING RECORD	~ ~				+ - ·	13.			
STRUCTIONS: Show important lops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tosts giving interval stept, time to go and base of formations penetrated. Detail all cores. Report all final copies of drill stems tosts giving interval stept, time to go and base of formations penetrated. Detail all cores. Report all final copies of drill stems tosts giving interval stept, time to go and base of the pressure scached static level, hydrostatic pressures, bottom hole importance, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all fluid	perator Name: Lay	ne Energy Opera	ating, LLC	Lease	Name:	Kramer		. Well #: _5-2	2
sted, time tool open and closed, flowing and shurt-in pressures, whether shurt-in pressure reached stalls level, hydrostalic pressures, bottom hold imperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. *Attach copy of all electric Wireline Logs surveyed. Attach final geological well site report. ### Attach extra sheet if more space is needed. *Attach copy of all electric Wireline Logs surveyed. Attach final geological well site report. ### Attach extra sheet if more space is needed. *Attach copy of all electric Wireline Logs surveyed. Attach final geological well site report. ### Attach extra sheet if more space is needed. *Attach copy of all electric Wireline Logs for an all the copy of all electric Wireline Logs for all the c				County	: Monto	jomery			
Name Top Datum	sted, time tool oper mperature, fluid red	n and closed, flowing covery, and flow rate	g and shut-in pressure s if gas to surface tes	es, whether sh t, along with fi	nut-in pre	ssure reached	static level, hydros	static pressu	res, bottom hole
ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Purpose:			☐ Yes 🗸 No	· · · · · · ·	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	og Format	ion (Top), Depth ar	nd Datum	Sample
Dres Taken	,	,	□ Vaa □ Na		Nam	e		Тор	Datum
Excello Shale 1039 GL -166 (Soamic Copy) If All E. Logs Run: Owner State Density Neutron Could Induction Casing RECORD New Used Mississippian 1399 GL -526 Casing Report all strings set-conductor, surface. Intermediate, production, etc. Purpose of String Size Hole Size Casing Weight Setting Connect New New New New New New New Ne	•	biogical Survey			Paw	nee Lime		911 GL	-38
Stabilition CASING RECORD	ectric Log Run	tric Log Run Yes							-166
ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Profeste					V-Sh	ale		1096 GL	-223
Dual Induction Mississippian 1399 GL -526	_	encity Neutron			Mineral Coal			1141 GL	-268
Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Holie Size Casing Size (In O.D.) Lbs./Fl. Setting Type of Cement Used Type and Percent Additives Surface 11" 8.625" 24 22' Class A 4 Type 1 cement Casing 6.75" 4.5" 10.5 1406' Thick Set 195 50/50 posmix w/2% get Purpose: Depth Top Bottom Type of Cement #Sacks Used Type and Percent Additives Perforate Protect Casing Plug Back TO Plug Cil Zone Plug Off Zone See Attached Page See Attached Page See Attached Page Production, SWD or Enhr. TUBING RECORD Size Set At Packer At Liner Run Yes No Date of First, Beauerd Production, SWD or Enhr. Producing Method Flowing Pumping Gas Lift Other (Explain) Title Professional Composition Production Productio	Dual Induction	ensity rection			Miss	sissippian	•	1399 GL	-526
Surface 11" 8.625" 24 22' Class A 4 Type 1 cement Casing 6.75" 4.5" 10.5 1406' Thick Set 195 50/50 posmix w/2% ge ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated See Attached Page TUBING RECORD Size Set At 1376' Date of First, Resumerd Production, SWD or Enhr. 7/115/2008 Estimated Production Per 24 Hours 0 Bibls. Gas McI Water Bibls. Gas-Oil Ratio Gravity Production Interval Perduction Interval Perduction Interval Perduction Interval Perduction Perduction of Gas METHOD OF COMPLETION RECEIVED					٠		ction, etc.		
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	Disposition of Gas				7.	Production Inte	erval		
venied V Soid Used on Lease Corporation Com	Vented ✓ Sold	Used on Lease	Open Ho	ole ✓ Perf	i, 🗀 t	Dually Comp.	✓ Commingled _	<u></u>	

OCT 2 3 2008

Operator Name:	Layne Energy Operating, LLC.				
Lease Name:	Kramer 5-22				
	Sec. 22 Twp. 31S Rng. 14E, Montgomery County				
API:	15-125-31602-00-00				
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth		
	Initial Perfora	itions (July 2008)	-		
4	D 1050 51 1050 51	2800 lbs 20/40 sand	4250 51 4250 51		
	Rowe 1356.5' - 1358.5'	510 bbls water 570 gals 15% HCl acid	1356.5' - 1358.5		
	Mineral 1140.5' - 1142.5'	8400 lbs 20/40 sand			
	Croweburg 1096.5' - 1099'	553 bbls water ·	1077' - 1142.5'		
	Iron Post 1077' - 1078.5'	500 gals 15% HCl acid			
Δ .	Mulley 1020 51 1044!	8600 lbs 20/40 sand			
	Mulky 1039.5' - 1044' Summit 1022.5' - 1024'	439 bbls water	1022.5' - 1044'		
	Summit 1022.5 = 1024	500 gals 15% HCl acid			
4	•	1000 lbs 20/40 sand			
	Mulberry 906.5' - 908'	259 bbls water	906.5' - 908'		
		600 gals 15% HCl acid			

RECEIVED KANSAS CORPORATION COMMISSION

OCT 23 2008

CONSERVATION DIVISION WICHITA, KS