CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365	API No. 15 - 125-31145-00-01
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	
City/State/Zip: Mission Woods, KS 66205	1623 feet from S / (N) (circle one) Line of Section
	464 feet from E / (W) (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: MOKAT Drilling	Lease Name: West Well #: 5-28
License: _5831	Field Name: Jefferson-Sycamore
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 795' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1078' Plug Back Total Depth: 1055'
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 42 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Order (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1055
Operator:	feet depth to Surface w/_ 110sx cmt.
Well Name:	sx cmt.
Original Comp. Date: 10/17/2006 Original Total Depth: 1078'	Drilling Fluid Management Plan WN W 6-5 09
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug BackPlug Back Total Depth	Chloride content N/A ppm Fluid volume bbls
	Dewatering method used N/A - Air Drilled
	Location of fluid disposal if hauled offsite:
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
9/20/2007 9/24/2007	
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec TwpS. R East West County: Docket No.:
	500000 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 a 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
All requirements of the statutes, rules and regulations promulgated to regulat nerein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature	KCC Office Use ONLY
Fille: Agent Dale: 1-9-0%	Letter of Confidentiality Attached
Subscribed and sworn to before me this day of	If Denied, Yes Date: RECEIVED
20.08	Wireline Log Received KANSAS CORPORATION COMMISSIO
Martana Di A. D.	Geologist Report Received
Notary Public: //Welfaughlen Sterlene	UIC Distribution JAN 1 0 2008
Date Commission Expires: 1-9-2009 Notal	LAUGHLIN DARLING TY Public - State of Kansas DOI: Froires 1-4-2009 WICHITA, KS

Side Two

CONFIDENTIAL

Operator Name: Layn	rator Name: Layne Energy Operating, LLC		Lease Name: Mahaffey		Well #: 1-36				
Sec. <u>36</u> Twp. <u>30</u>	S. R. 16	✓ East	County	,: Wilso	Vilson				,
ested, time tool open emperature, fluid reco	and closed, flowing overy, and flow rate	and base of formations p g and shut-in pressures es if gas to surface test, final geological well site	, whether sh along with fi	iut-in pre	ssure reached	static level, hydi	rostatic pressu	res, botto	m hole
Drill Stem Tests Taken (Attach Additional S	I Stem Tests Taken			✓ Log Formation (To		tion (Top), Depth	Top), Depth and Datum		Sample
Samples Sent to Geological Survey		☐ Yes 🗸 No	,	Nam	е		Тор		Datum
Cores Taken				Pawnee Lime			574 GL		353
Electric Log Run (Submit Copy)		✓ Yes No		Exce	cello Shale		696 GL		231
ist All E. Logs Run:				V Sh	ale		761 GL		166
Compensated De Dual Induction	nsity Neutron								
		CASING Report all strings set-	RECORD	√ Ne	_	ction, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig		Setting Depth	Type of Cement	# Sacjs Used		and Percent
Surface	11"	8.625"	24		24'	Class A	4	Type 1 cement	
Casing	6.75"	4.5"	10.5		799'	Thick Set	140	#10 K	OL seal @ sx
		. =	4 1						
Durana	D		L CEMENTIN	IG / SQL	EEZE RECOR	Ď	······		····
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement	#Sacks	Used		Type and	Percent Additive	es	
Plug Off Zone									
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge Plu Footage of Each Interval Pe	gs Set/Type rforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
:	See Attached Pa	age							
								RE	CEIVED
						· · · · · · · · · · · · · · · · · · ·	KANS	AS CORPO	PRATION COM
								JAN	1 0 2008
TUBING RECORD	Size	Set At	Packer At		Liner Run			CONSERV Wi(ATION DIVISION CHITA, KS
2-3/8		1116'				Yes V No	>		
Date of First, Resumerd F SI - waiting on p		nhr. Producing Me	_	Flowing	Pump	ing Gas Li	ift 🗌 Oth	ner (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate		Bbls. (Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF C	OMPLETION	L		Production Inte	rval			·
Vented Sold	Used on Lease	☐ Open Hole	Perf.		ually Comp.		·		

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Mahaffey 1-36		
	Sec. 36 Twp. 30S Rng. 16E, Wilson County		
API:	15-205-27164-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Initial Pe	rforations	
		3800 lbs 20/40 sand	
4	V-Shale 763' - 765'	342 bbls water	763' - 765'
		230 gals 15% HCl acid	

CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

JAN 1 0 2008