Kansas Corporation Commission Oil & Gas Conservation Division

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE



Name: Layne Energy Operating, LLC Address: 1900 Shawnee Mission Parkway City/State/Zip: Mission Woods, KS 66205 Purchaser: Operator Contact Person: Timothy H. Wright Operator: Set 100 J. 748-3960 Contractor: Name: McPherson Drilling License: 5675 Weltside Geologist: Designate Type of Completion: New Well Re-Entry ✓ Workover Oil SVWD SIOW Temp. Abd. Ory Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Original Comp. Date: Original Comp.	Operator: License # _33365	API No. 15 - 125-31077-00-01
Address 1900 Shawnee Mission Parkway City/Stafe/Zip, Mission Woods, KS 66205 Purchaser: Decetator Contect Person, Timothy H. Wright Phone: (913) 748-3860 Contractor: Name, McPherson Drilling Contractor: Name, McPherson Drilling License; 5675 Well stee Geologist: Designate Type of Completion: New Well Re-Entry	Name: Layne Energy Operating, LLC	
Operator Contact Person. Tmothly H. Wright Operator Contact Original Person. Tmothly H. Wright Phone: (913) 748-3960 Contractor: Name: McPharbon Drilling License: 5675 Weitstid Gaologest: Designate Type of Completion: New Well		SW_Sec. 10 Twp. 31 S. R. 16
Operator Contact Person. Tmothly H. Wright Operator Contact Original Person. Tmothly H. Wright Phone: (913) 748-3960 Contractor: Name: McPharbon Drilling License: 5675 Weitstid Gaologest: Designate Type of Completion: New Well	City/State/Zip: Mission Woods, KS 66205	657 feet from (S) / N (circle one) Line of Section
Contractor: Name: McPherson Onlining License; 5675 Welfsite Geologist:	Purchaser:	
Contractor: Name: McPherson Onlining License; 5675 Welfsite Geologist:	Operator Contact Person: Timothy H. Wright	
Contractor: Name: McPherson Onlining License; 5675 Welfsite Geologist:	Phone: (913) 748-3960	(circle one) NE SE NW
Designate Type of Completion:		Lease Name: Dunham Well #: 13-10
Designate Type of Completion: New Well	License: 5675	Field Name: Cherokee Basin Coal Area
Designate Type of Completion: New Well	Wellsite Geologist:	Producing Formation: Cherokee Coals
New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. Y Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Original Comp. Date: 6/12/2007 Original Total Depth: 1185' Depending Plug Back T173' Plug Back T041 Depth: 1185' Operator: Oother (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. Other (SwD or Enhr.?) Date Reached TD Completion Date NSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-105 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and subt with the form with all plugged wells. All requirements of the statutes, ulues and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements recein are complete and portect to the best of my knowledge. KCC Office Use ONLY Feet Muttple Stage Cementing Colar Used? I Dennied, Yes Date:	•	
Amount of Surface Pipe Set and Cemented at 21	•	· · ·
Multiple Stage Cementing Collar Used? □Yes ☑No □ Dry □ Other (Core, WSW, Expl., Cathodic, etc) □ If Workover/Re-entry: Old Well Info as follows: Operator: □ Original Comp. Date: 6/12/2007 Original Total Depth: 1185' □ Deepening ☑ ✓ Re-perf. □ Conv. to Enhr/SWD □ Plug Back 1173' □ Plug Back Total Depth □ Commingled □ Docket No. □ Other (SWD or Enhr.?) □ Docket No. □ Other (SWD or Enhr.?) □ Docket No. □ Date Reached TD □ Date Recompletion Date or Recompletion Date NSTRUCTIONS: An original and two copies of this form shall be filled with the Kansas Corporation Commission, 130 S. Markel - Room 2078, Wichital, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality) in excess of 12 months). One copy of all writeline logs and geologist well proof shall be attendiately in excess of 12 months). One copy of all writeline logs and geologist well proof shall be attendiately in excess of 12 months). One copy of all writeline logs and geologist well proof shall be attendiately in excess of 12 months). One copy of all writeline logs and geologist well proof shall be attended with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and porrect to the best of my knowledge. KCC Office Use ONLY □ Letter of Confidentiality Attached □ Geologist Report Received □ Geologist Report Re		
If yes, show depth set	·	1
If Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Original Comp. Date: 6/12/2007 Original Total Depth: 1185' Deepening Y Re-perf. Conv. to Entr/SWD Plug Back 1173' Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Entr.?) Docket No. Other (SWD or Entr.?) Docket No. T/19/2007 Spud Date or Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82:3-130, 82:3-106 and 82:3-107 apply. Information of side two of this form will be held confidential for a period of 12 months? Increase and a submitted with the form (see rule 82:3-107 for confidentiality) in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. INSTRUCTIONS: An original and two copies of this form will be filed with the form (see rule 82:3-107 for confidentiality) in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. INSTRUCTIONS: An original and two copies of this form shall be filed with the form (see rule 82:3-107 for confidentiality) in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. INSTRUCTIONS: An original and two copies of this form shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily aba		
Operator:	•	
Well Name:		
Original Comp. Date: 6/12/2007 Original Total Depth: 1185' Deepening Y Re-perf. Conv. to Enhr/SWD Plug Back Total Depth Plug Back 1173' Plug Back Total Depth Docket No. Dual Completion Docket No. D	· ·	
Deepening		
Plug Back 1173' Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. 7/19/2007 Spud Date or Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and porrect to the best of my knowledge. KCC Office Use ONLY Fittle: Agent Date: D-30-04 Wireline Log Received Geologist Report Received	·	
Commingled Docket No		
Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. 7/19/2007 Spud Date or Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge. KCC Office Use ONLY Letter of Confidentiality Attached Wireline Log Received Geologist Report Received January Public: Market - Room 2078, Wichita, Lease Name: County: Docket No.: Quarter Sec. Twp. S. R		Dewatering method used IV/A - All Drilled
Operator Name: License No.: License No.: Completion Date or Recompletion Date or Docket No.: D	-	Location of fluid disposal if hauled offsite:
Lease Name: License No.:		Operator Name:
7/19/2007 Spud Date or Recompletion Date Date Reached TD Date Reached TD Date Recompletion Date	Other (SWD of Eliff.?) Bocker No.	Lease Name:License No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged weils. Submit CP-111 form with all temporarily abandoned wells. All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements nerein are complete and correct to the best of my knowledge. KCC Office Use ONLY Letter of Confidentiality Attached Wireline Log Received Geologist Report Received Geologist Report Received Geologist Report Received Wireline Log Received Wireline Log Received Geologist Report Received Wireline Log Received		Quarter Sec Twp S. R
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge. KCC Office Use ONLY Letter of Confidentiality Attached Wireline Log Received Geologist Report Received Geologist Report Received Geologist Report Received Wireline Log Received Montary Public: Mac. Ama. Ama. Ama. Ama. Ama. Ama. Ama. Ama		
Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements nerein are complete and correct to the best of my knowledge. Signature: Date: 10-30-07 Wireline Log Received Geologist Report Received Geologist Report Received WANSAS CORPORATION COMMISSIGN WANSAS CORPORATION COMMISSIGN Geologist Report Received WANSAS CORPORATION COMMISSIGN Geologist Report Received WANSAS CORPORATION COMMISSIGN Geologist Report Received WANSAS CORPORATION COMMISSIGN WANSAS CORPORATION COMMISSIGN Geologist Report Received WANSAS CORPORATION COMMISSIGN Geologist Report Received WANSAS CORPORATION COMMISSIGN WANSAS CORPORATION COMMISSIGN WANSAS CORPORATION COMMISSIGN WANSAS CORPORATION COMMISSION WANSA		
KCC Office Use ONLY Signature: Date:	Kansas 67202, within 120 days of the spud date, recompletion, workov 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	ver 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-s and geologist well report shall be attached with this form. ALL CEMENTING
KCC Office Use ONLY Letter of Confidentiality Attached Letter of Confidentialit		ate the oil and gas industry have been fully complied with and the statements
Letter of Confidentiality Attached Subscribed and sworn to before me this 30 day of October Wireline Log Received RECEIVED Wireline Log Received RECEIVED Geologist Report Received RANSAS CORPORATION COMMISSION AND DESCRIPTION COMMISSION Subscribed and sworn to before me this 30 day of October Wireline Log Received RECEIVED WIRELINE DAYLINE Subscribed and sworn to before me this 30 day of October Wireline Log Received RECEIVED WIRELINE DAYLINE Subscribed and Sworn to before me this 30 day of October Wireline Log Received RECEIVED WIRELINE DAYLINE Subscribed and Sworn to before me this 30 day of October Wireline Log Received RECEIVED WIRELINE DAYLINE Subscribed and Sworn to before me this 30 day of October Wireline Log Received RECEIVED WIRELINE DAYLINE Subscribed And Sworn to before me this 30 day of October Wireline Log Received RECEIVED WIRELINE DAYLINE Subscribed And Sworn to before me this 30 day of October Wireline Log Received RECEIVED WIRELINE DAYLINE Subscribed And Sworn to before me this 30 day of October Wireline Log Received RECEIVED WIRELINE DAYLINE Subscribed And Sworn to before me this 30 day of October Wireline Log Received RECEIVED WIRELINE DAYLINE Subscribed And Sworn to before me this 30 day of October Wireline Log Received RECEIVED WIRELINE DAYLINE WIRELI	nerein are complete and correct to the best of my knowledge.	
Subscribed and sworn to before me this 30 day of October Wireline Log Received RECEIVED Wireline Log Received RECEIVED Geologist Report Received CORPORATION COMMISSION Was Distribution WANSAS CORPORATION AND DESCRIPTION COMMISSION ON COLUMN SAID ON COLUMN SAID WIRELING DESCRIPTION ON COLUMN SAID ON COLUMN S	Signature:	KCC Office Use ONLY
Subscribed and sworn to before me this 30 day of October Wireline Log Received RECEIVED Wireline Log Received RECEIVED COMMISSING Geologist Report Received CORPORATION COMMISSING WANSAS CORPORATION COMMISSING COMMISSING CORPORATION COMMISSION COMMISSI	Title: Agent Dale: 10-30-07	Letter of Confidentiality Attached
Wireline Log Received Geologist Report Received Washas Corporation Commission Washas Corporation Division Wireline Log Received RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED Notary Public: Geologist Report Received KANSAS CORPORATION COMMISSION Notary Public - State of Kansas My Appt. Expires - 4-2009 My Appt. Expires - 4-2009		· · · · · · · · · · · · · · · · · · ·
Motary Public: MacLaughlin Darling Distribution Wansas CORPORATION DIVISION Date Commission Expires: 1-4-2009 My Appt. Expires -4-2009 Geologist Report Received Kansas Distribution Wansas CORPORATION DIVISION DI PROPIRI		Wireline Log Received SECEIVED WINDSON
Notary Public: Muchany Market Distribution Distribution WANSAS 0007 3 9 2007 Date Commission Expires: 1-4-2009 My Appt. Expires 1-4-2009 My Appt. Expires 1-4-2009	<i>1</i> • Λ .	Geologist Report Received CORPORATION
Date Commission Expires: 1-4-2009 Notary Public - State of Kansas Ny Appt. Expires -4-2009 OCT 3 Notary Public - State of Kansas OCT 3 Notary Public - State of Kansas	Notary Public: MacLaughler Varline	Distribution KANSASS
My Appt. Expires 1-4-2009 CONSERVATION KS	Date Commission Expires: 7 200	lotary Public - State of Kansas OCI
	画 連 _M	y Appt. Expires -4-2009

14

Operator Name: La	yne Energy Ope	rating, LLC	Lea	ase Name	Dunham		Well #: <u>13</u>	-10	
Sec. 10 Twp	31 S. R. 16			inty: Mon					
tested, time tool op temperature, fluid re	en and closed, flowi ecovery, and flow rat	and base of formation ng and shut-in pressur es if gas to surface tes final geological well si	es, whether st, along wit	r shut-in p	ressure reache	d static level, hydr	ostatic pressu	res, bottom hole	
Drill Stem Tests Tak		☐ Yes 🗸 No	1	7	Log Forma	ition (Top), Depth	and Datum	Sample	
Samples Sent to Ge	eological Survey	Yes 🗸 No		Nar	me	•	Тор	Datum	
Cores Taken	-	Yes 🗸 No		Pav	vnee Lime		556 GL	318	
Electric Log Run (Submit Copy)		✓ Yes		Exc	ello Shale		694 GL	180	
List All E. Logs Run	:			vs	hale		745 GL	129	
Compensated D	Density Neutron			Min	eral Coal		781 GL	93	
Dual Induction				Mis	sissippian		1108 GL	-234	
		CASIN Report all strings se	NG RECORE et-conductor,		ew 🔲 Used ermediate, produ	ction, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		/eight s. / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives	
Surface	11"	8.625"	24		21'	Class A	4	Type 1 cement	
Casing	6.75"	4.5"	10.5		1173'	Thick Set	120	10# KOL seal @ sx	
Purpose:	Depth			#Sacks Used Type and Percent additional Control of the Control of					
Perforate Top Bottom Protect Casing		Type of Cement	Type of Cement #5acr		ks Used Type and			OCT 3 1 2007	
Plug Back TD Plug Off Zone							000	KCC	
Shots Per Foot		ON RECORD - Bridge Pl		e		cture, Shot, Cement		d Depth	
	See Attached Pa							Jopin	
	F-9186 Vis		-						
TUBING RECORD 2-3	Size	Set At 814'	Packer	At	Liner Run	Yes ✓ No			
Date of First, Resumerd			ethod	Flowing	✓ Pumpir	ng Gas Lift	Other	(Explain)	
Estimated Production Per 24 Hours	Oil 1	Bbls. Gas	Mcf	Wate					
Disposition of Gas	METHOD OF C			13	Production Inter	vaí		Gravity ECEIVED RPORATION COMMISSION RPORATION DIVISION ONSERVATION DIVISION ONSERVATION DIVISION	
Vented ✓ Sold	Used on Lease	Open Hole	e 📝 Per	f. 🔲 D	ually Comp.	✓ Commingled	K. COL	PORATION AND	
(If vented, Sub	omit ACO-18.)	Other (Spe	ecify)				KVM2.	CL 3 1 500,	
							G	ONSERVATION DIVISION	

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Dunham 13-10		
	Sec. 10 Twp. 31S Rng. 16E, Montgomery County		
API:	15-125-31077-00-01		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Initial Po	erforations	
	Mineral 781' - 783'	7000 lbs 20/40 sand	
4	Croweburg 745' - 747.5'	158 bbls water	722.5' - 783'
	Bevier 722.5' - 724.5'	500 gals 15% HCl acid	
	Recompletion Po	erforations (7/2007)	
	Mulky 693.5' - 700.5' Summit 673.5' - 677'	10500 lbs 20/40 sand	
		685 bbls water	673.5' - 700.5'
		500 gals 15% HCl acid	

CONFIDENTIAL OCT 3 0 2007 KCC:

RECEIVED
REC