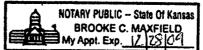
KANSAS CORPORATION COMMISSION ORIGINAL OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

September 1999)
Form Must Be Typed	l
AMENDED	

Name. Layne Energy Operating, LLC Address; 1900 Shawnes Mission Parkway Address; 1900 Shawnes Mission Parkway County; Mortgamery SE, SR, NW, Sec. 2 Trop 33 S. R. 15 East West 2041 Section Section Contect Parson; M. B. Natrass Operator Contact Parson; M. B. Natrass Operator Contactor, Name; MOKAT Drilling Licones 5931 Veillard Geologict: Selection Contactor, Name; MOKAT Drilling Dissignate Type of Completion: Very New Well Re-Entry Workover Oil SVW SIOW SIOW Tomp, Abd. Dry Other (Core, WSW, Expl., Cathodic, etc) If WorkoverRe-entry Old Well Info as follows: Operator: Operator: Original Comp, Date: Original Comp, Date: Original Total Depth: Committed Well Name: Original Comp, Date: Original Total Depth: Committed Well Name: Other (SWD or Entry;) Depending Re-pert Corv. to Entri/SWD Date Completion Date (SWD or Entry;) Docket No. Other (SWD or Entry;) Oberator Singular and New Copies or Recompletion Date or Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Rec	Operator: License # _33365	API No. 15125-30862
Address: 1900 Shawnee Mission Parkway City/Stato/Zip, Mission Woods, KS 66205 Chy/Stato/Zip, Mission Woods, KS 66205 Operator Centacl Parson: M, B. Nattrass Operator Centacl Parson: M, B. Nattrass Operator Centacl Parson: M, B. Nattrass Contractor: Name: MOKAT Drilling Lease Name: Shapherd Well #6-2 Footages Calculated from Names Clustick Section Corner: (circle one) NE SE NW SW Lease Name: Cherrokee Basin Coal Area Fridd Name: Cherrokee Coals Elevation: Ground 747 Keily Bushing: Total Depth: 1125' Plug Back Total Depth: 115' Amount of Surface Pipus Back Total Depth: 115' Amount of Surface Pipus Back Total Depth: 119' Depending Repert: Corn. to Entr./SWD Plug Back Plug Back Total Depth: Committee Plug Depending Repert: Corn. to Entr./SWD Plug Back Plug Back Total Depth: Docket No. Other (SWD or Enth?) Docket No. Other (SWD or Enth?) Docket No. 101/14/2005 101/17/2005 10	Name: Layne Energy Operating, LLC	County Montgomery
City/State/Zyp, Mission Woods, KS 66205 Purchaser. Operator Contract Person: M. B. Natrasa Phone: { 913 } .748-3967 Contractor: Name. MOKAT Drilling License. 5831 License. 5831 Designate Type of Completion:	Address: 1900 Shawnee Mission Parkway	
Purchaser: Operator Contact Person: M. B. Natirass Operator Contact Person: M. B. Natirass Operator Contact Person: M. B. Natirass Phone: (913	City/State/Zip: Mission Woods, KS 66205	2044
Foolages Calculated from Nearest Ouside Section Corner: (cricle one) NE SE NW Well and Nearest Ouside Section Corner: (cricle one) NE SE NW Well and Shepherd Well and Completion Corners Response Religion and Shepherd Well and Shepherd Well and Completion Corners Response Religion and Shepherd Well and Shepherd Well and Completion Corners Response Religion and Shepherd Well and Shepherd Well and Completion Corner Response Religion and Shepherd Well and Shepherd Well and Completion Corner Response Religion and Shepherd Well and Shepherd Well and Completion Corner Response Religion and Shepherd Melander Response Religion New Response Religion and Shepherd Melander Response Religion and Shepherd Melander Response Religion Relig		2276 (circle one) Line of Section
Phone: (913	Operator Contact Paress, M. B. Nattrass	Footages Calculated from Alexant Outside Outsi
License: 5831 License: 5831 License: 5831 License: 5831 License: 5831 Designate Type of Completion: Very New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. Very Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: If Well Name: Despening Re-parl. Cornv. to Enhr/SWD Plug Back Total Depth: Commingled Docket No. Dould Completion Docket No. Dould Completion Docket No. Dould Completion Docket No. Dould Completion Date or Recompletion Date or Recompletion Date or Recompletion Date Instructions: An original and two copies of this form shall be filled with the Kansas Corporation Commission, 130 S, Markat - Room 2076, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 823-103, 823-106 and 823-0107 apply: Information of side two of this form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. All requirements of the statutes, rules and regulations promutgated to regulate the oil and gas industry have been fully complete with and the statements erein are complete and correct to the best of my knowledge. All requirements of the statutes, rules and regulations promutgated to regulate the oil and gas industry have been fully completed with and the statements erein are complete and correct to the best of my knowledge. If the promote		
Wellsite Geologist: Welsite Geologist: Welsite Geologist: New Well Re-Entry Workover Oil SWD SiOW Temp. Abd. Gas ENHR SIGW Dry Other (Core. WSW, Expl., Cathodic, etc) If Workover/Re-entryl Old Well Info as follows: Original Comp. Date: Original Total Depth: Despening Re-perf. Corv. to Enhr/SWD Despening Re-perf. Corv. to Enhr/SWD Doul Compiletion Doul Compiletion Doul Compiletion Doul Compiletion Docket No. Oldier (SWD or Enhr.?) Spud Date or Date Reached TD Compiletion Date or Recompletion Date North Recompiletion Date or Recompiletion Date or Recompiletion Date North Recompiletion Date North Recompiletion Date North Recompiletion Date or Recompiletion Date or Recompiletion Date or Recompiletion Date North Recompiletion Date or Recompiletio	Contractors Alassa MOKAT Drilling	
Wellsite Geologist: Designate Type of Completion: ✓ New Well Re-Entry		
Designate Type of Completion: New Woll		
Total Depth: 1125 Plug Back Total Depth: 1115	į	3
Amount of Surface Pipe Set and Comented at 39' Feet Gas	✓ New Well Re-Entry Workover	Total Depth: 1125' Plus Book Tatal Depth: 1115'
Multiple Stage Cementing Collar Used? Tyes No		1
Special Content Conten		Market Co.
If Alternate II completion, cement circulated from 1122' feet depth to Surface 120 120 20 20 20 20 20		
Departor:		
Well Name: Original Comp. Date: Original Competition Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Operator Name: License No.: Operator Name: Lease Name: County: Docket 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 witing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all writine logs and geologist well report shall 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 corregt to the best of my knowledge. KCC Office Use ONLY Wireline Log Received Geologist Report Received UIC Distribution		
Original Comp. Date:Original Total Depth:		010 - 17/10/08 sx cmt.
Deepening	·	Dritting Fluid Management Plan
Plug Back		(Sala most be conected from the meserve Pit)
Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. 10/14/2005 10/17/2005 12/14/2005 Spud Date or Recompletion Date or Docket 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 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential or a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality access 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 are complete and corregt to the best of my knowledge. KCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received Geologist Report Received Geologist Report Received Geologist Report Received UIC Distribution		
Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. 10/14/2005	•	Dewatering method used N/A - Air Drilled
Other (SWD or Enhr.?) Docket No	The state of the s	Location of fluid disposal if hauled offsite:
Lease Name:License No.:		Operator Name:
Spud Date or Recompletion Date Date Reached TD Date Reached TD Completion Date or Recompletion Date Completion Date County: Docket 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 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 If Denied, Yes Date: Wireline Log Received Geologist Report Received RECEIVED Wireline Log Received RECEIVED UIC Distribution		
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Signature:	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	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- is and geologist well report shall be attached with this form. ALL OF MENTALS
Letter of Confidentiality Attached Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received Geologist Report Received LOT OF THE CONTINUE USE ONLY UIC Distribution WICE Date: UIC Distribution	All requirements of the statutes, rules and regulations promulgated to regulate and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
Letter of Confidentiality Attached Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received Geologist Report Received LOTO COMMISSI OUIC Distribution	Signature: ///S//WWW	KCC Office the CANY
Subscribed and sworn to before me this day of	Agent 2/1/0/	A) RCC Office use ONLY
O CO Wireline Log Received Geologist Report Received RECEIVED UIC Distribution Wireline Log Received RECEIVED UIC Distribution	500,00	
Iotary Public: Geologist Report Received RANSAS CORPORATION COMMISS UIC Distribution	subscribed and sworn to before me this day of	
lotary Public: 17 Complete Com	ollo: Walland II.	
17/5/10	Notary Public:	KANSAS CORPORATION COMMISSI
	Date Commission Expires: 12/28/09	JUN 1 0 2008



Operator Name: L	ayne Energy Ope	erating, LLC	Lea	se Name:	Shepherd		Well #: 6-2	2			
Sec. 2 Twp.	33 S. R. 16				itgomery						
temperature, fluid r	ecovery, and flow ra	s and base of formations ing and shut-in pressures ites if gas to surface test, h final geological well site	s, whether along with	shut-in p	ressure reacher	d static level, hydr	ostatic pressu	ires hottom t	nole		
Drill Stem Tests Tal		∐Yes ☑No		Z	Log Forma	tion (Top), Depth	and Datum	[] San	nple		
Samples Sent to G	•	☐ Yes ☑ No		Nar	ne		Тор	Dat	um		
Cores Taken		Yes No		Pav	vnee Lime		444 GL	303	}		
Electric Log Run (Submit Copy)	:	✓ Yes ☐ No		Exc	ello Shale		595 GL	152	!		
List All E. Logs Run	: _			v s	hale		644 GL	103	1		
Compensated [Density Neutron			Min	eral Coal		691 GL	56			
Dual Induction	i .			Mis	sissippian		1028 GL	-28	1		
	· · · · · · · · · · · · · · · · · · ·	CASING Report all strings set-	RECORD		ew Used	ction, etc					
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent			
Surface	11	8.65	24		39'	Thick Set	130	Additives			
Casing	6.75	4.5	10.5		1122'	Thick Set	120	24 sks Kol-seal		24 sks Kol-sea	
		ADDITIONAL	CEMENT	ING / SOI	JEEZE RECORI				·		
Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks	***************************************	JELLE RECORD		ercent Additives				
Shots Per Foot	PERFORAT	ION RECORD - Bridge Plug	s Set/Type		Acid, Fra	cture, Shot, Cement	Squeeze Recor	d			
	See Attached	Footage of Each Interval Per	foraled		(Ar	nounl and Kind of Ma	lerial Used)		Depth		
40	Occ Attached							-			
	-		Western a general property				KANSAS	RECEIV	ED		
		men fruit per trak dentito serre meer desere valorides metadorisations.	***************		The state of the s			JUN 10	2008		
TUBING RECORD 2 3	Size	Set At 977'	Packer A	u j	Liner Run	Yes 🔽 No	C	ONSERVATION WICHITA,			
ate of First, Resumero	Production, SWD or E	nhr. Producing Meth	,	Flowing	✓ Pumpin		Othe	r (Explain)			
stimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	Bt	ols. Ga	s-Oil Ratio		avity		
Disposition of Gas	METHOD OF C	COMPLETION			Production Interv	⁄al		and the second second second second	ليسيبيسا		
✓ Vented Sold (If vented, Sul	Used on Lease	Open Hole Other (Specif	☑ Perf.	·	ually Comp.	Commingled					

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Shepherd 6-2		
	Sec. 2 Twp. 33S Rng. 16E, Montgomery County		
API:	15-125-30862-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	947.5-948.5, 807-813, 789.5-794.5, 690.5-692.5,	Rowe, Bluejacket, Weir, Mineral, Croweburg 7400	647-948.5
	647-649	20/40 sand, 2450 gal 15% HCl acid, 626 bbls wtr	
4	622-624, 595-600, 567.5-572, 472.5-473.5	Iron Post, Mulky, Summit, Lexington - 6800# 20/40	472.5-624
		sand, 1350 gal 15% HCl acid, 570 bbls wtr	

RECEIVED KANSAS CORPORATION COMMISSION

JUN 10 2008

CONSERVATION DIVISION WICHITA, KS