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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

Name. Layne Energy Operating, LLC Address. 1900 Shawnee Mission Parkway Chy/Slate/Zip: Mission Woods, KS 66205 Chy/Slate/Zip: Mission Woods, KS 66205 Chy/Slate/Zip: Mission Woods, KS 66205 Chyrichaser: Operator Contact Person. Timothy H. Wright Phone: (913) 748-3960 Contractor: Name: Thorton Air License: 33606 Wellate Geologist: 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: Operator: — Oil SWD SIOW Temp. Abd. — Oil SWD SIOW Temp. Abd. — Oil SWD SIOW Temp. Abd. — Oil Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Operator: Well Name: Operator: If Workover/Re-entry: Old Well Info as follows: Operator: Despensing Program of Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Despensing Program of Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Despensing Program of Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Despensing Program of Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Despensing Program of Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Despensing Program of Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Despensing Program of Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Despensing Program of Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Despensing Program of Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Despensing Program of Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: No. Target Program of Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry:	Operator: License # 33365	API No. 15 - 125-31278-00-01
City/State/Zip, Mission Woods, KS 66205		County: Montgomery
City/State/Zip, Mission Woods, KS 66205	Address: 1900 Shawnee Mission Parkway	NW_NE_SW_Sec. 2 Twp. 31 S. R. 16 East West
Purchaser: Coperator Contact Person: Timothy H. Wright		•
Operator Contact Person. Timothy H. Wright Phone: (913) 748-3960 Contractor: Name: Thorton Air Lecense: 33606 Wellstite Geologist: Designate Type of Completion: — New Well Re-Entry ✓ Workover — New Well Re-Entry ✓ Workover — New Well Re-Entry ✓ Workover — Oil SWD SIOW Temp. Abd. ✓ Gas ENHR SIGW — Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: — Plug Back Plug Back Total Depth: 1144' — Deepening ✓ Re-perf. Conv. to Enhr/SWD — Plug Back Plug Back Total Depth: 1144' — Oilignal Comp. Date: 6/11/2007 Original Total Depth: 1144' — Oilignal Comp. Date: 6/11/2007 Original Total Depth: 1144' — Oilignal Comp. Date: 6/11/2007 Original Total Depth: 1144' — Oilignal Comp	and the control of th	1428 feet from E / (W) (circle one) Line of Section
Phone: (913	Operator Contact Person: Timothy H. Wright	
Contractor: Name Well # Field Name Necdesha	Phone: (913) 748-3960	
Field Name Neodesha Producing Formation: Cherokee Coals	Contractor: Name: Thorton Air	
Designate Type of Completion: — New Well Re-Entry Workover		
Designate Type of Completion: New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Despening Re-perf. Corn. to Enhr./SWD Plug Back Total Depth: Plug Back Total Depth: Dry Commingled Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. T/10/2007 T/10/2007 T/12/2007 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, Wichitt Tickets Must Be ATTACHED, Submit CP-4 form with all plugged wells. All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully completed with and the statemehrer are complete and correct to the best of my knowledge. Subscribed and sworn to before me this 29 day of Author. Drilling Fluid Management Plan World Surface W. 115 sx of Multiple Stage Cementing Collar Used? Yes 7 If Alternate II completion, cement circulated from 1139' If eet depth to. Surface W. 115 sx of Multiple Stage Cementing Collar Used? Yes 7 If yes, show depth set II completion, cement circulated from 1139' If Alternate II completion of Surface Pips Received Pills Individual Conference W. 115 sx of Multiple Stage Cementing Collabora. Chloride content MA ppm Fluid volume Dewatering method used N/A - Air Drilled Location of fluid disposal if hauled offsite: Operator Name: License No: Quarter Sec: Twp S. R. Sec. Twp S		Producing Formation: Cherokee Coals
New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. 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: 6/11/2007 Original Total Depth: 1144' Deepening Re-perf. Conv. to Enhr./SWD Plug Back Plug Back Total Depth: 1144' Deepening Re-perf. Conv. to Enhr./SWD Plug Back Depth Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. T/10/2007 T/11/2007 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, Wichill TickETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Subscribed and sworn to before me this 29 day of Matheur 20 Q. 21 Total Depth: 1144' Plug Back Total Depth: 1139' Amount of Surface Pipe Set and Cemented at 20 If yes, show depth set If Alternate II completion, cement circulated from 1139' If Alternate II completion		Elevation: Ground: 808' Kelly Bushing:
Amount of Surface Pipe Set and Cemented at 20 Fig. Multiple Stage Cementing Collar Used? Yes	_	
Multiple Stage Cementing Collar Used?		
Subscribed and sworn to before me this 29 day of Date: Dry	•	
If Workover/Re-entry: Old Well Info as follows: Operator:		If yes, show depth setFeet
Surface Wy 115 Sex Completion Deptendent Surface Wy 115 Sex Completion Deptendent Dept		
Well Name: Original Comp. Date: 6/11/2007 Original Total Depth: 1144' Deepening		feet depth to_Surfacew/_ 115sx cmt.
Deepening Re-perf. Conv. to Enhr/SWD Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. T/10/2007 Spud Date or Recompletion Date Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichitz Kansas 67202, within 120 days of the spud date, recompletion, or confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTIN TICKETS MUST BE ATTACHED, Submit CP-4 form with all plugged wells. Subscribed and sworn to before me this 29 day of Date: Ocentarial Research Pit) Chloride content N/A ppm Fluid volume. Dewatering method used N/A - Air Drilled Location of fluid disposal if hauled offsite: Operator Name: Lease Name: County: Ouarter Sec: Twp. S. R. County: Docket No.: County: Docket No.: 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, Wichitz 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 appl 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 CEMENTIN TICKETS MUST BE ATTACHED, Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. KCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date: RECEIVED Wireline Log Receive BANSAS CORPORATION COMM Wireline Log Receive BANSAS CORPORATION COMM		
Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. 7/10/2007 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, Wichill 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 appl 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 or 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 statement are complete and correct to the best of my knowledge. Signature: Date: CO-27-07 Wireline Log Receive MANSAS CORPORATION COMM Wireline Log Receive MANSAS CORPOR		Drilling Fluid Management Plan W N 3-13-09 (Data_must be collected from the Reserve Pit)
Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. T/10/2007 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 appl 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 CEMENTIN 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 statement are complete and correct to the best of my knowledge. Subscribed and sworn to before me this 29 day of C27-07 Spud Date: C0-27-07 Letter of Confidentiality Attached If Denied, Yes Date: RECEIVED Wireline Log Receive Mansas Corporation Commission (Submit CP-4 In Promise). Page 10 In Promise (Submit CP-4 In Promise). Page 10 In	Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls
Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Operator Name: Lease Name: Lease Name: Lease Name: County: Docket No.: Ouarter Sec: Twp. S. R. East W. 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 appl 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 CEMENTINY 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 statement of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statement of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statement of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statement of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statement of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with the form (see rule 82-3	Plug BackPlug Back Total Depth	1
	Commingled Docket No.	
Lease Name:License No.:	Dual Completion	Location of fluid disposal if nauled offsite:
7/10/2007 Spud Date or Recompletion Date Date Reached TD Date Reached TD Completion Date or Recompletion Date	Other (SWD or Enhr.?) Docket No	Operator Name:
Spud Date or Recompletion Date Date Reached TD Completion Date County: Docket No.:	7/10/2007	Lease Name: License No.:
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 appl 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 statement herein are complete and correct to the best of my knowledge. Signature: Date: 10-27-07 Letter of Confidentiality Attached If Denied, Yes Date: RECEIVED Wireline Log Received ANSAS CORPORATION COMM Coalegist Branch Received	Spud Date or Date Reached TD Completion Date or	QuarterS. REast West County: Docket No.:
Signature: Agent Date: 10-27-07 Letter of Confidentiality Attached If Denied, Yes Date: RECEIVED Wireline Log Receive ANSAS CORPORATION COMM	Kansas 67202, within 120 days of the spud date, recompletion, workon 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 will requirements of the statutes, rules and regulations promulgated to regu	ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-105 and geologist well report shall be attached with this form. ALL CEMENTING ls. Submit CP-111 form with all temporarily abandoned wells.
Subscribed and sworn to before me this 29 day of October 20 0 1 Letter of Confidentiality Attached If Denied, Yes Date: RECEIVED Wireline Log Receive ANSAS CORPORATION COMM	nerein are complete and correct to the best of my knowledge.	
Subscribed and sworn to before me this 29 day of Octuber. If Denied, Yes Date: RECEIVED Wireline Log Receive ANSAS CORPORATION COMM	Signature: All Comments	KCC Office Use ONLY
Subscribed and sworn to before me this 29 day of Octuber. If Denied, Yes Date: RECEIVED Wireline Log Receive ANSAS CORPORATION COMM	Title: Agent	Letter of Confidentiality Attached
20.01 Wireline Log Receive ANSAS CORPORATION COMM		
20.01		Wireline Log Receive ANSAS CORPORATION COMMISSION
	200 Λ	Coologist Report Passived
Notary Public: // UCX MUCHUM A MacLAUGHLIN DARLING UIC Distribution	Notary Public: Machanghlun Larusa	UC 1 3 0 2007
	Date Commission Expires: 1-4-2009 Wotary Publ	lic - State of Kansas CONSERVATION DIVISION

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	ne Energy Oper		Lease	Name: Mick		Well #: 11-	2	
	S. R. 16		·	Montgomery	······································		· ·	
ested, time tool ope emperature, fluid red	n and closed, flowin covery, and flow rate	and base of formations g and shut-in pressures es if gas to surface test, final geological well site	s, whether sh along with fi	ut-in pressure reache	d static level, hydr	rostatic pressur	res, bottom hole	
Orill Stem Tests Taken				✓ Log Forma	ation (Top), Depth	and Datum	Sample	
Samples Sent to Ge	ological Survey	☐ Yes ☑ No		Name		Тор	Datum	
Cores Taken	,	Yes No		Pawnee Lime	Pawnee Lime		323	
Electric Log Run (Submit Copy)		✓ Yes No		Excello Shale		619 GL	189	
ist All E. Logs Run:		CANEIDENT	MAL	V-Shale		671 GL	137	
Compensated D		CONLIDE	onn?	Mineral Coal		711 GL	97	
Dual Induction	onaity (46ution)	CONFIDENT OCT 29 KC	C	Mississippian		1,027 GL	- 219	
	* .		G RECORD	✓ New Used	uction, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./		Type of Cement	# Sacjs Used	Type and Percent Additives	
Surface	11"	8.625"	24	20'	Class A	4	Type 1 cement	
Casing	6.75"	4.5"	10.5	1139'	Thick Set	115		
	. ¥				11 -:			
····		ADDITIONA	L CEMENTIN	IG / SQUEEZE RECOF	RD	, I		
Purpose:Perforate	Depth Top Bottom	Type of Cement	7			and Percent Additives		
Protect Casing Plug Back TD Plug Off Zone					· · · · · · · · · · · · · · · · · · ·			
Shots Per Foot		ON RECORD - Bridge Plu Footage of Each Interval Pe	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
	See Attached Page			,				
	Oce / Macrica 1	ago		RECEIVED KANSAS CORPORATION COMM				
							OCT 3 0 2007	
						CONSERVATION DIVISIO		
TUBING RECORD	Size	Set At	Packer At	Liner Run				
2-3	/8"	979'			Yes No			
Pate of First, Resumero 7/12/2007	Production, SWD or E	inhr. Producing Me	thod] Flowing	oing Gas Li	ft Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil 0	Bbls. Gas	Mcf	Water 6	Bbls. (Gas-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF C	COMPLETION		Production Inte	erval			
Vented Sold	Used on Lease	Open Hole	Perf.	Dually Comp.	Commingled _			

Exile Exile

Operator Name:	Layne Energy Operating, LLC.				
Lease Name:	Mick 11-2				
·	Sec. 2 Twp. 31S Rng. 16E, Montgomery County				
API:	15-125-31278-00-01				
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth		
	Initial Po	erforations			
4	Lower Bartlesville 922' - 925'	50 bbls water	0001 0051		
		200 gals 15% HCl acid	922' - 925'		
	New Pe	rforations			
4 1	Drywood 856.5' - 858' Mineral 710.5' - 712.5'	4500 lbs 20/40 sand			
		558 bbls water	710.5' - 858'		
		950 gals 15% HCl acid			
4 1	Croweburg 671' - 675' Bevier 650' - 652'	4000 lbs 20/40 sand			
		428 bbls water	650' - 675'		
		750 gals 15% HCl acid			
4	Mulky 619' - 625.5'	11900 lbs 20/40 sand			
	Summit 598.5' - 604.5'	775 bbls water	508' - 625.5'		
	Anna Shale 508' - 511'	850 gals 15% HCl acid			

CONFIDENTIAL OCT 2 9 2007 KCC

RECEIVED KANSAS CORPORATION COMMISSION

OCT 3 8 2007

CONSERVATION DIVISION WICHITA, KS