

AMENSES KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

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 City/State/Zip. Mission Woods, KS 66205 City/State/Zip. Mission Woods, KS 66205 City/Chaser: Operator Contact Person: M. B. Nattrass Cherator: Name: Thorton Air CANSAS ORPORATION COMMISSION Contractor: Name: Thorton Air CANSAS ORPORATION COMMISSION Contractor: Name: Thorton Air CANSAS ORPORATION COMMISSION Wichita Geologist: CONSERVATION DIVISION Wichita KS ✓ New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. Oil SWD SIOW Temp. Abd. Oil SWD SIOW Temp. Abd. Wichita KS Operator: Old Well Info as follows: Operator: Underwine Mission Workover Dependent Core, WSW. Expl. Cathodic, etc) If MortoverRe-entry: Old Well Info as follows: Original Comp. Date: Original Total Depth: Operator Electron Depended Docker No. Dual Completion Docker No. Other (SWD c-Entr.?) Docker No. Operator Name: Lease Name: License No. Outrer See. Twp. S. R. Set from €) N. Greate one) License No. Outrer See. Twp. S. R. SW Ordicator of fluid disposal if hauled offsite: Outrer See. Twp. S. R. Set from €) N. Greate one) License No. Outrer See. Twp. S. R. SW County: INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission. 130 S. Market - Room 2078, Will Kansas 67202, within 120 days of the saud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-108 as 23-3-107 at 63-3-107 at 63-3-107 at 63-3	Operator: License # 33365	API No. 15 - 125-30768 - 00 - 00
Address: 1900 Shawnee Mission Parkway City/State/Zip, Mission Woods, KS 66205 Purchaser. Operator Contact Person. M. B. Nattrass Phone: (913.) 748-3987 RECEIVED Contractor, Name: Thorton Air NDV 2 9 2005 Conservation Difficion NDV 2 9 2005 Designate Type of Completion: Wichtra, KS NOW — Temp. Abd. Y. Gas — ENHR — SiGW Dry — Other (Core, WSW, Expl. Cathodic, etc) If Workover/Re-entry: Old Well Into as follows: Operator: Ordignal Comp. Date:		
City/State/Zip: Mission Woods, KS 66205 Purchaser: Operator Contact Person: M. B. Nattrass Ponenic (913.) 748-3997 RECEIVED Confractor: Name: Thorton Air KINSAS CORPORATION COMMISSION Willetial Geologiet: CONSERVATION DIVISION Willetial Geologiet: V. New Well — Re-Entry Workover Oil — SWD — SIOW — Temp. Abd. V. Gas — ENHR — SIGW — Dry — Other (Core. WSW. Expl. Cathodic, etc) Will Workover/Re-entry: Old Well Info as follows: Operator: Will Workover/Re-entry: Old Well Info as follows: Operator: Depending — Re-pert — Corn'. to Entir/SWD Plug Back — Diginal Total Depth: — Depending — Re-pert — Corn'. to Entir/SWD — Plug Back — Plug Back Total Depth: — Depending — Re-pert — Corn'. to Entir/SWD — Other (SWD or Entr.?) — Docket No. — Other (SWD or Entr.?) — Ooket N		
Purchaser: Operator Contact Person, M. B. Natirass RECEIVED KANSAS CORPORATION COMMISSION License: 33606 NOV 2 9 2005 Wellsite Geologist: CONSERVATION DIVISION Wichita, Ks Nov Well Poe-Entry Workover Oil SWD SIOW Temp. Abd. Proy Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well into as follows: Operator: Designate Completion Designate Type of Completion: Original Comp. Date: Original Total Depth: Despening Re-perf. Comm's to Enthr/SWD Plug Back Plug Back Total Depth Despening Re-perf. Original Total Depth: Docket No. Other (SWD or Enthr.?) Docket No. Other (SWD or Enthr.?) Docket No. Other SWD or Enthr.?) Docket No. Other SWD or Enthr.?) INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission. J.30 S. Market - Room 2078, Will Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Pulse 823-3107 e and geologists well report shall be statched with the form (see rule 107 for confidentiality) in excess of 12 months). One copy of all wireline logs and geologists well report shall be attached with the form (see rule 107 for confidentiality) in excess of 12 months). One copy of all wireline logs and geologists well report shall be attached with this form. ALL CEMEN TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form will be attached with this form. ALL CEMEN TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form will all emporating the aberd confidential for a period of 12 months are complete and corregit to the best of my knowledge. KCC Office Use ONLY Well Inc. Agent NA Subscribed and sworn to before me this August 1402 Fee See See See See See See See See See		
Coperator Contact Person. M. 9. Natiress RECEIVED		was: 1800 FWL is: 1805
Phone: (913) 748-3987 RECEIVED Contractor: Name: Thorton Air KANSAS CORPORATION COMMISSION License: 33606 NOV 2 9 2005 NOV 2 9 2005 Wellstide Geologist: CONSERVATION DIVISION Wellstide Geologist: CONSERVATION DIVISION Will Re-Entry Workover Oil SWD SIOW Temp. Abd. — Drilling Fluid Management Plan (Data must be collected from the Reserve Pill) — Oil SWD SIOW Temp. — Plug Back Total Depth: — Deepening Re-perl Conv. to Eintr./SWD — Plug Back Total Depth: — Deepening Re-perl Conv. to Eintr./SWD — Plug Back Total Depth — Commingled Docket No. — Dual Completion Docket No. — Dual Completion Docket No. — Docket No. — Docket No. — Oorder (SWD or Enhr.?) — Docket No. — Operator Name: — Lease Name: — License No. — Operator Name: — Lease Name: — License No. — Ourrier Sec. Twp. S. R. — East County: — Docket No. — Overator Name: — Lease Name: — License No. — Ourrier Sec. Twp. S. R. — East County: — Docket No. — Overator Name: — Lease Name: — License No. — Overator Name: — Lease Name: — License No. — Ourrier Sec. Twp. S. R. — East County: — Docket No. — Overator Name: — Lease Name: — License No. — Overator Name: — Lease Name: — Lease Name: — License No. — Overator Name: — Lease Name: — Lease Name: — License No. — Overator Name: — Lease Name: — License No. — Overator Name: — Lease Name: — License No. — Overator Name: — Lease Name: — Lease Name: — License No.		
Contractor: Name: Thorton Air KANSAS CORPORATION COMMISSION License: 33606 NOV 2 9 2005 Well at Geologist: CONSERVATION DIVISION WichiTA, KS WichiTA, KS Now Well Be-Entry Workover Oil SWD SIOW Temp. Abd. V Gas ENHR SIGW Ory Other (Core. WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Despening Re-pert: Convit is Enhr/SWD Plug Back Plug Back Total Depth: Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Now 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) or thory completed in the first marked the period and sworn to before me this States of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully completed with and the states researed and submitted with the states researed and submitted with the form (see rule) and completed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before me this States and subscribed and sworn to before		
Well site Geologist: CONSERVATION DIVISION WICHITA, KS 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: Orginal Comp. Date: Orginal Total Depth: Deepening Re-pert. Com\(\) to Enhr/SWD Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Deate Reached TD Completion 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. Market - Room 2078, Wilk 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. Goern of the Studence	VARIOLO AANDAANIMIANI AANIMISSIAI	s is
Wellsite Geologist: CONSERVATION DIVISION WICHTA, KS Designate Type of Completion: WICHTA, KS 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 Total Depth: Despening Re-perl. Conv. to Enhr/SWD Plug Back Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. The Completion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wilk Kansas 67202, within 120 days of the spud date, recompletion, vorkover or conversion of a well. Rule 82:3-130, 82:3-106 and 82:3-107 and 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 CEMENT TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with a let plugate on the subscribed and sworn to before me this 28 day of Movember. Witeline Log Reserved Frequented Topic Confidentiality attached with the state subscribed and sworn to before me this 28 day of Movember. Witeline Log Reserved Interest Type of Completion Subscribed and sworn to before me this 28 day of Movember. Witeline Log Reserved Total Depth: 1473 Plug Back Total Depth: 4 Multiple Stage Cementing Collar Used? Vestified Subscribed and sworn to before me this 28 day of Movember. Producing Formation: Challes Subscribed Subscribed and sworn to before me this 28 day of Movember. Producing Formation: Total Depth: 1458. Amount of Surface Eps Set and Cemented at 20' Multiple Stage Cementing Collar Used? Vestified Signature Vestified State of The Sta		
Designate Type of Completion: Wichtin, KS Wichtin, KS	Wellsite Geologist	
New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. V Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Original Comp. Date: Original Comp	CONSERVATION DIVISION	Elevation: Ground: 893
Amount of Surface Pipe Set and Cemented at 20' Amount of Surface Pipe Set and Cemented at 20' Yes	The state of the s	1
Multiple Stage Cementing Collar Used?	•	
If Yes, show depth set If Alternate II completion, cement circulated from 1469' feet depth to Surface W/ 150 Surface W/ 150	, and the second se	
If Alternate II completion, cement circulated from 1469' feet depth to Surface w/ 150 Well Name: Original Comp. Date: Original Total Depth: Original Total Depth: Original Total Depth: Original Comp. Date: Original Total Depth: Original Comp. Date: Original Total Depth: Original Total Depth: Original Comp. Original Co		
Dependence		
Well Name: Original Comp. Date: Original Total Depth: Deepening Re-pert. Conv. to Enhr./SWD Plug Back Plug Back Plug Back Total Depth Commingled Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Date Reached TD Completion 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, Will 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 a 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 in 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 CEMEN' TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. IN requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the state terein are complete and correct to the best of my knowledge. Drilling Fluid Management Plan (Date with Reserve 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: License No.: Quarter Sec. Twp. S. R. Sec. Twp. S. R. Sec. Twp. S. R. Sec. Twp. Sec. T		
Drilling Fluid Management Plan (Data must be collected from the Reserve Pit (Chloride content	The control of the co	reer depth tosx cmt.
Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Operator Name: Lease Name: Lease Name: County: Docket No.: Ouarter Sec. Twp. S. R. East 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, Witk 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 a 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: 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 CEMENT 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 staterer 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		Drilling Fluid Management Plan MITTLWHW
Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. Date Reached TD Completion Date or Recompletion 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, Wit 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 a 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: 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 CEMENT TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. It requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the state erein 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	<u> </u>	(Data must be collected from the Reserve Pit) 12-13-07
Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Operator Name: Lease Name: Lease Name: Lease Name: Docket No.: Ouarter Sec. Twp. S. R. East 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, Wirk 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 a 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 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 CEMEN' TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Were in a complete and correct to the best of my knowledge. KCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received		
Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Operator Name: Lease Name: Lease Name: County: Docket No.: NSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wirkansas 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 a 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 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 CEMEN' TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. We requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the stat serein are complete and correct to the best of my knowledge. KCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date: Wiretine Log Received		Dewatering method used N/A - Air Drilled
Other (SWD or Enhr.?)		Location of fluid disposal if hauled offsite:
Lease Name:License No.:		Operator Name
County: Docket No.: East	Other (SWD or Enhr.?) Docket No	
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Win 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 at 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 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 CEMENTICKETS 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 state the rerein are complete and correct to the best of my knowledge. County:	.,	
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Win 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 a 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 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 CEMENTICKETS 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: KCC Office Use ONLY		
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 a 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 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 CEMEN 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 state the erein 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		County: Docket No.:
Signature:	Kansas 67202, within 120 days of the spud date, recompletion, workover 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	or 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
KCC Office Use ONLY Signature:		le the oil and gas industry have been fully complied with and the statements
Subscribéed and sworn to before me this	MRATALLO	KCC Office Use ONLY
Subscribed and sworn to before me this _28 th day of		
Wireline Log Received		
wireline Log Received	subscribed and sworn to before me this	,
U' U3	0.05	-
Geologist Report Received UIC Distribution	lotary Public: M. H.	
		OIO DISCRIBURION
Date Commission Expires: 19/14/2008 A MARGARET ALLEN		

My Appt. Expires 11/14/2008

Operator Name: La	yne Energy Oper	ating, Li	LC	Le	ase Name:	Schultz		_ Well #: _15-	2 .	
Sec. 2 Twp.	31 S. R. 14	_ ✓ Ea	st West	Cou	unty: Mont	gomery	······································	-Warner and the second	ika.vena	
tested, time tool op temperature, fluid re	Show important tops en and closed, flowin ecovery, and flow rate gs surveyed. Attach	g and sho es if gas t	ut-in pressures, o surface test, a	whethe along wi	r shut-in pr	essure reache	d static level, hydro	ostatic pressui	res, bottom hole	
Drill Stem Tests Tak			Yes 🔽 No		ĮΣl	.og Forma	ation (Top), Depth a	and Datum	Sample	
Samples Sent to Ge	eological Survey		Yes ☑ No		Nan	ne		Тор	Datum	
Cores Taken			Yes ✓ No		Paw	nee Lime	•	887 GL	6 3/4"	
Electric Log Run (Submit Copy)			Yes No			ello Shale		1013 GL	-120	
List All E. Logs Run	:				V SI	nale		1081 GL	-188	
Compensated I	Density Neutron				Min	eral Coal		1126 GL	-233	
Dual Induction	·				Mis	sissippian		1378 GL	-485	
		Rep	CASING ort all strings set-c		\	ew Used	uction, etc.			
Purpose of String	Size Hole Drilled		ize Casing et (In O.D.)		Weight bs. / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives	
Surface	11	8.65		24		20'	Class A	4	Type 1 cemen	
Casing	6.75	4.5		10.5		1469'	Thick Set	150		
				2 /152				F7 .		
	· · · · · · · · · · · · · · · · · · ·		ADDITIONAL	CEMEN	ITING / SQI	JEEZE RECOF	RĎ		1	
Purpose:	Depth Top Bottom	Тур	pe of Cement #Sac		#Sacks Used Type and P			ercent Additives		
Perforate Protect Casing Plug Back TD Plug Off Zone										
Shots Per Foot	PERFORATI	ON RECO	RD - Bridge Plug	s Set/Ty	pe		acture, Shot, Cement			
		Footage of	Each Interval Perf	Interval Perforated			(Amount and Kind of Material Used) Depth RECEIVED			
	See Attached			<u></u>	KANSAS CORPORATION COM					
								NOV	2 9 2005	
								CONSERVA*	TION DIVISION IITA, KS	
TUBING RECORD 2	Size 3/8"	Set At 1379'	ļ	Packe	er At .	Liner Run	☐ Yes ✓ No			
	d Production, SWD or E		Producing Meth	od	Flowing	y 📝 Pump	ning Gas Lift	Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil O	Bbls.	Gas 1	Mcf	Wate	r I	Bbls. G	as-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF C	OMPLETIO	I			Production Inte	rval			
Vented ✓ Sold (If vented, So	Used on Lease		Open Hole Other (Specify	7 Pe	erf. D	ually Comp.	Commingled			

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Schultz 15-2		
	Sec. 2 Twp. 31S Rng. 14E, Montgomery County		
API:	15-125-30768		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
. 4	1333.5-1336.5, 1222.5-1223.5, 1196-1198, 1125.5- 1127	Rowe, Bluejacket, Weir, Mineral - 1,500 15% HCL Acid, 592 bbls Water, 5092 # 20/40 Sand	1125.5-1336.5
4	10810-1083.5, 1062-1065, 1013-1017.5, 999.5- 1002, 884-885	Croweberg, Beiver, Mulkey, Summit, Mulberry - 2,400 15% HCL Acid, 752 bbls Water, 7087 # 20/40 Sand	884-1083.5

RECEIVED KANSAS CORPORATION COMMISSION

OCT 1 4 2005

CONSERVATION DIVISION WICHITA, KS

and Dray.

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL-HISTORY | DESCRIPTION OF WELL & LEASE ON THE PROPERTY | DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33365	API No. 15 - 125-30768 - 00 - 00
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	E/2 NW_SE_SW Sec. 2 Twp. 31 S. R. 14 7 East West
City/State/Zip: Mission Woods, KS 66205	1000 feet from S/ N (circle one) Line of Section
Purchaser:	1800 feet from E / (circle one) Line of Section
Operator Contact Person: M. B. Nattrass	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3987	(circle one) NE SE NW SW
Contractor: Name: Thorton Air 007 1 3 2005	Lease Name: Schultz Well #: 15-2
License: 33606	Field Name: Cherokee Basin Coal Area
Wellsite Geologist: CONFIDER IMAL	Producing Formation: Cherokee Coals
·	Elevation: Ground: 893 Kelly Bushing:
Designate Type of Completion: New Well Re-Entry Workover	Total Depth: 1473' Plug Back Total Depth: 1458'
	Amount of Surface Pipe Set and Cemented at 20' Feet
Oil SWD SIOW Temp. Abd.	
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1469'
Operator:	feet depth to Surface w/ 150 sx cmt.
Well Name:	Drilling Fluid Management Plan (Pote must be collected from the Recens 8th) AUT II WHY
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit) 12-13-07
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used N/A - Air Drilled
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	KANSAS CORPORATION COMMISSION
Other (SWD or Enhr.?) Docket No	
6/27/2005 6/29/2005 7/29/2005	Lease Name: License No.: OCT 1 4 2005
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter SecTwpS. R. CONSERVATION VINISION County: Docket No.: WICHITA, KS
Kansas 67202, within 120 days of the spud date, recompletion, workov	n the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita,
107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regula	12 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
107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	12 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 . Submit CP-111 form with all temporarily abandoned wells.
107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regula	12 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 . Submit CP-111 form with all temporarily abandoned wells.
107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regulaterin are complete and correct to the best of my knowledge.	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 Submit CP-111 form with all temporarily abandoned wells. ate the oil and gas industry have been fully complied with and the statements KCC Office Use ONLY
107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regulatere are complete and correct to the best of my knowledge. Signature: Date: 10/3/05	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 Submit CP-111 form with all temporarily abandoned wells. ate the oil and gas industry have been fully complied with and the statements
107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regulatere are complete and correct to the best of my knowledge. Signature: Date: 10/13/05 Subscribed and sworn to before me this 13 day of	and geologist well report shall be attached with the form (see rule 82-3-1-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-
107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regulatere are complete and correct to the best of my knowledge. Signature: Date: 10/3/05	and geologist well report shall be attached with the form (see rule 82-3-1-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-
107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regulatere are complete and correct to the best of my knowledge. Signature: Date: 10/13/05 Subscribed and sworn to before me this 13 day of	ate the oil and gas industry have been fully complied with and the statements KCC Office Use ONLY Letter of Confidentiality Attached
107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regulatere are complete and correct to the best of my knowledge. Signature: Date: 10//3/05 Subscribed and sworn to before me this 13 day of October 120 10//3/05	ate the oil and gas industry have been fully complied with and the statements KCC Office Use ONLY Letter of Confidentiality Attached



Lav	(ne Energy Oper		ENTIAL	<i>3</i> ,		Schultz	(ORIG	INAL	
Operator Name: Lay					se Name:			_ Well #:		
Sec. 2 Twp. 3 INSTRUCTIONS: S tested, time tool ope temperature, fluid rec Electric Wireline Log	how important tops a n and closed, flowing covery, and flow rate	and base g and shu s if gas to	it-in pressures, o surface test, a	enetrated whether s long with	shut-in pre	ll cores. Repor	static level, hydro	static pressur	es, bottom hole	
Drill Stem Tests Take			∕es √No		 ✓L	og Formati	on (Top), Depth a	and Datum	Sample	
Samples Sent to Ge	ological Survey		∕es ✓ No		Nam	e		Тор	Datum	
Cores Taken		_ \	∕es ✓ No		Paw	nee Lime		887 GL	6 3/4"	
Electric Log Run (Submit Copy)		()				ello Shale		1013 GL	-120	
List All E. Logs Run:		[]	CC		V Sr	ale		1081 GL	-188	
Compensated Density Neutron			13 2005 IDENT	AL				1126 GL 1378 GL	-233 -485	
			CASING ort all strings set-c	RECORD	-		tion, etc.			************
Purpose of String	Size Hole Drilled	Si	ze Casing et (In O.D.)	We	eight s./Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percer	nt
Surface	11	8.65		24		20'	Class A	4	Type 1 ceme	nt
Casing	6.75	4.5		10.5		1469'	Thick Set	150		*****
r		·	ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD)		· · · · · · · · · · · · · · · · · · ·	
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Турє	of Cement	#Sack	s Used		Type and P	ercent Additives		
Plug Back TD Plug Off Zone										
Shots Per Foot			RD - Bridge Plug Each Interval Perf		•		cture, Shot, Cement mount and Kind of Ma		rd Depth	
	See Attached							ECEIVED		
							KANSAS COF	RPORATION CO		
							. 00	T 1 4 201	05	
								RVATION DIVI	SION	· · · · · · · · · · · · · · · · · · ·
TUBING RECORD 2 3	Size	Set At 1379'		Packer	At	Liner Run	Yes ✓ No	WICHITA, KS		
Date of First, Resumero	Production, SWD or E	nhr.	Producing Meth	od	Flowing	 ✓ Pumpir	ng 🔲 Gas Lift	Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil I	Bbls.	Gas 1	Act	Wate 85	r Bi	ols. G	as-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF C	OMPLETIC	L			Production Inter-	val			
Vented ✓ Sold (If vented, Suit	Used on Lease		Open Hole	[7] Perl	f. D	ually Comp.	Commingled			

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Schultz 15-2		
	Sec. 2 Twp. 31S Rng. 14E, Montgomery County		
API:	15-125-30768		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1333.5-1336.5, 1222.5-1223.5, 1196-1198, 1125.5- 1127	Rowe, Bluejacket, Weir, Mineral - 1,500 15% HCL Acid, 592 bbls Water, 5092 # 20/40 Sand	1125.5-1336.5
4	10810-1083.5, 1062-1065, 1013-1017.5, 999.5- 1002, 884-885	Croweberg, Beiver, Mulkey, Summit, Mulberry - 2,400 15% HCL Acid, 752 bbls Water, 7087 # 20/40 Sand	884-1083.5

RECEIVED KANSAS CORPORATION COMMISSION OCT 1 4 2005

CONSERVATION DIVISION WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY Schultz 15-2 SE ¼, SW ¼, 1,000' FSL, 1,800' FWL Section 2-T31S-R14E MONTGOMERY COUNTY, KANSAS

Drilled: June 27-29, 2005 Logged: June 29, 2005 A.P.I.# 15-125-30768 Ground Elevation: 893' Depth Driller: 1,473' Depth Logger: 1,473'

Surface Casing: 8 ⁵/₈" @ 20' Production Casing: 4 ½" @ 1,469' Cemented Job: Consolidated

Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

FORMATION	TOPS (in feet below	ground surface)
Lansing Group	Surface (South Bend]	Limestone Member)
Lenapah Lime	687	and the control of th
Altamont Lime	751	and the second section of the second section section section sections and section section sections section sec
Mulberry Coal	884	
Pawnee Lime		
Anna Shale	916	
First Oswego Lime	970	
Little Osage Shale	999	50√ 800 \$\delta = 11/ 100 m²
Excello Shale	1,013	RECEIVED
Mulky Coal	1,017	KANSAS CORPORATION COMMISSION
Bevier Coal		OCT 1 4 2005
"V" Shale	1,081	
Croweburg Coal		CONSERVATION DIVISION
Mineral Coal		WICHITA, KS
Weir Pitt Coal	1,196	
Bluejacket Coal	1,223	
AW Coal	1,334	
Riverton Coal	1,364	
Mississippian		
to a contract the contract to	-	

MORNING COMPLETION REPORT

Report taken by:

KRD

Report Called in by	: : JE8			Report taken by:	KRD		
LEASE NAME & #		AFE	DATE	DAYS	CIBP	PBTD	
			1		DELIH	TYPE FLUID	
SCHULTZ 15-2		G01012600100	6/27/2006	1	TYPE	- 1400-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
PRESENT OPERAT	ION:		200 - 245	SOAN HARES AUGEN		VIS	
	· · · · · · · · · · · · · · · · · · ·			FROM UNDER SURFAC			···
DEEPEST CASING	LINERS OD TOP & SHOE	DEPTH	REPAIR DOWN	N TRIME HIRS	CONTRACTOR MOKAT		
OD SHOE DEPTH				2 00000	MG NO DILLI		
	8 5/8" 24# J-66 Set 20'	AA 12	168	T PERPS	SOURES EN O	R PLUG BACK PERFS	1
PACKER OR ANCHOR	FISHING TOOLS	OD ID		το		TO	
<u></u>				TO	-	TO	<u>-</u>
				TO	1	10	
				10		TO	
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
HR\$	BRIEF DESCRIPTIO	N OF OPERATI	ON				
						,	
	MIRLI MOKAT DRILL	UNG DRILLED	11" HOLE 2	0' DEEP, RIH WI 1 JT 8 5	1/8" SURFACE CASING.		
	MILO MOIAL BILLE	EING, BINIELLS	1, 1, 4, 4, 5				
							
	MIXED 4 SXS TYPE	1 CEMENT, DU	MPED DN TI	HE BACKSIDE, SDFN.			
,							
			, ,				
<u></u>						,	
	 						
					··········		· ·
						RECEI	VED
		•				KANSAS CORPORATI	
<u></u>							CALCOLINICOLORY
						OCT 14	: 200 6
						CONSERVATION	יייים
						WICHITA	
			,			A A STATE OF THE S	, NO
•							
			*				
	•						
DAILY COST ANAL	YSIS				·		
				. <u>D</u>	RTAILS OF RENTALS, SERVI	CES, & MISC	
RIG				MOKAT 1	ORILLING @ 6.50/ft	ŧ	
****		-				90	
			•		CEMENT)	80	
SUPERVISION	200	<u> </u>		DIRTWO	RKS (LOC,RD, PIT)	400	
•				SURFAC	E CASING	200	
DENTAL C			•	LAND/ LE		2000	
RENTALS				LAND/ LE	- WIL	4004	
					· · · · · · · · · · · · · · · · · · ·		
SERVICES	400	<u> </u>					*

MISC	2280			, 			•
	****			,	TATA 000	•	•
DAILY TOTALS	2880	PREVIO	US TCTD		TCTD2886	y	
							

CONSOLIDATED OIL WELL SERVICES, I' 211*W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

TIC	T NU	MBER	<u>5456</u>)
LOC	ATION	EUREKA		
FOR	FMAN	KEUIN MI	9600	, ,

TREATMENT REPORT & FIELD TICKET CEMENT

.DATE .	CUSTOMER #	WEL	L NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-1-05	4758	Shultz	15-2					MG
CUSTOMER					Course Winds	7-19 2 CHECK	S NOTED W	PROPERTY.
1	TYNE ENERG	94			TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDR	ESS '	,		Gus	463	ALAN		•
P.o.	Box 160			Joines	442	CALIN		
CITY		STATE	ZIP CODE	_				
Sycamo	ore	15						
JOB TYPE <u>ゟ゙ゕ</u>	ugstring	HOLE SIZE	63/4	 HOLE DEPTH	1473'	CASING SIZE & W	EIGHT <u> 45 10</u>	1.5 [≠] New
CASING DEPTH	1469	DRILL PIPE		_ TUBING			OTHER P. B.7	D. 1458
SLURRY WEIGH	нт <u>/3.^{2 #} </u>	SLURRY VOL_	47 BBL	WATER gal/s	k <u> 8.°</u>	CEMENT LEFT in	CASING_//	
DISPLACEMEN	т <i>23 в6</i> С	DISPLACEMEN	T PSI //00	MEX PSI 1600	O Bump Plug	RATE		
REMARKS:	AFETY Mee	ting: Bio	us to	42 CASI	Ng. BREAK	CIRCULATION	J W/ 35	BBL FRESH
water.	Pump 101	Bbl Metasi	LICATE PR	e Flush	15 BBL Dy	e water. M	11xed 150	SKS Thick
Set Ce	ment w/	10 # KOL-	Seal Peals	sk @ 13.	.2 # Per/ 9A	L Vield 1.73	s. wash	out Rump
* Lines	. Shut do	UN. ReleA	se Plug.	DISPLACE	with 23	BUL FRESh	water	FINAL
Pumping	PRESSURE	1100 PSI.	Bump P.	lug to 1	600 PSI. U	IAIT 2 min	utes. Rel	e195e
						Ace = 70		
	e. Rig dou							

Note: Annulas of 4/2 was Bridging off while mixing & Displacing Coment.
Coment Carried Alot of Large Chunts of Shale out with H

:C	ement CARRIED Alot	of LARge Chunts of Shale	out with	H.
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE	765-00	765.00
5406	25	MILEAGE 15 WELL OF 2.	2.50	62.50
1126 A	150 sks	Thick Set Cement	13.00	1950.00
1110 A	30 5KS	KOL-SEAL 10# Per/SK	16.90	507.00
AllI A	50 [#]	Metasilicate PRE flush	1.55 #	27.50
5407A	8.25 TONS	25 miles BULK TRUCK	. 92	189.75
**				
5605 A	4 HRS	Welder	75.00	300,00
4311	/	4/2 weld on CollAR	48.00	48.00
4404	1	41/2 Top Rubber Plag	38.00	38.00
		RECEIVED		
		KANSAS CORPORATION COMMISSION		
		OCT 1 4 2005		
		CONSERVATION DIVISION WICHITA, KS		
			SUB TOTAL	3937.75
		Thank You 5.3%	SALES TAX	138.88
		and the second s	ESTIMATED TOTAL	4076.63

AUTHORIZTION # CALLED By John Ed

TITI F

DATE__

TOV # 198191