

## 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

ORIGINAL

Operator: License # 33365	API No. 15 - 125-30837 - 00 - 00
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	S/2 _SW _ SE Sec. 28 Twp. 33 S. R. 16 7 East West
City/State/Zip: Mission Woods, KS 66205	feet from S/ N (circle one) Line of Section
Purchaser:	2000 feet from (E) W (circle one) Line of Section
M R Nattrace	Footages Calculated from Nearest Outside Section Corner:
Operator Contact Person: M. B. Nattrass  Phone: (913) 748-3987  Contractor: Name: Mc Photos Deligious Contractor: Name:	(circle one) NE SE NW SW
Contractor: Name: MCPHELSON DRIEBS > EM	Lease Name: Elias Well #: 15-28
5675	Field Name: Coffeyville - Cherryvale
Wellsite Geologist:  Designate Type of Completion:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 735 Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1170 Plug Back Total Depth: 1147'
OilSWDTemp. Abd.	Amount of Surface Pipe Set and Cemented at 41' Feet
✓ GasENHR ✓ SIGW	Multiple Stage Cementing Collar Used?
DryOther (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
	If Alternate II completion, cement circulated from 1167'
If Workover/Re-entry: Old Well Info as follows:	feet depth to Surface w/ 125 sx cmt.
Operator:	ieet deptit to
Well Name:	Drilling Fluid Management Plan Au II when
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit) ム・とい・み
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.	Operator Name:
Other (SWD or Enhr.?) Docket No. DEC 2 2 2005	Lease Name: License No.:
9/2/2005 9/6/2005 CONFIDENTIAL	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date Recompletion Date	County: Docket No.:
nodemposition base	County: Docket No
INSTRUCTIONS: An original and two copies of this form shall be filed with 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 at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature: Aug W	KCC Office Use ONLY
1/ \( \sigma^2 \)	11/0
Tille;	Letter of Confidentiality Attached
Subscribed and sworn to before me this 22 <sup>nd</sup> day of December	If Denied, Yes Date:
20_08	Wireline Log Received
1/ / /	Geologist Report Received
Notary Public:	UIC Distribution
Date Commission Expires: 10/14/2008 MARGAF Notary Public My Appt. Expi	- State of Kansas



#### Side Two

ORIGINAL

Operator Name: Layne Energy Operating, LLC			2	Lease Name: Elias				Well #: 15-28				
Sec. 28 Twp. 3			West	County	: Montg	omery						
INSTRUCTIONS: Statested, time tool oper temperature, fluid rec Electric Wireline Logs	n and closed, flowing covery, and flow rate	g and shut s if gas to	in pressures, s surface test, a	whether sh long with fi	ut-in pre	ssure reached	static level, hydro	static pressure	es, bottom l	hole		
Drill Stem Tests Taken			es 🗸 No			og Formati	on (Top), Depth a	th and Datum		mple		
(Attach Additional Samples Sent to Geo			es 🗸 No	Pawr Exce V Sh		Name Pawnee Lime		Тор	Da	tum		
Cores Taken	nogical ourvey		es 🗸 No					441 GL	29	4		
Electric Log Run		✓ Ye	es 🗌 No			llo Shale		616 GL	119	9		
(Submit Copy)						Shale		669 GL 720 GL		66 15		
List All E. Logs Run:		'ال جرمعين										
Compensated D	ensity Neutron	106-1	2 2 2005					1068 GL -33				
Dual Induction	C	ONF	IDENTI	AL.	IVIISS	sissippian		1000 GE	-00	,5		
				RECORD	✓ Ne							
	Size Hole	1	rt all strings set-c e Casing	onductor, su Weig		rmediate, produc	tion, etc.	# Sacis	Type and	d Percent		
Purpose of String	Drilled		(In O.D.)	Lbs. /		Depth	Cement	Used	Addi	itives		
Surface	11	8.65		24		41'	Class A	8	Type 1	cement		
Casing	6.75	4.5		10.5	).5 1167'		Thick Set	125				
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORI	)					
Purpose:Perforate	Depth Top Bottom				#Sacks Used T			Type and Percent Additives				
Protect Casing Plug Back TD												
Plug Off Zone												
	05050045	011 05005	D D:4- D	- 0-17		Asid Fee	sture Chat Camer	t Caucago Basa	· d			
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)				Depth			
	SI-Waiting on Completion RECEIVED											
	PATHEMAS CORPORATION COMMISSION											
	DEC 2 3 2005											
					TION DIVISION							
				MICI	HITA, KS	มอเกิด						
TUBING RECORD	Size	Set At		Packer A	it.	Liner Run	Yes ✓ No	)				
Date of First, Resumer	d Production, SWD or E	Enhr.	Producing Met	hod	Flowin	g 🔲 Pump	ing Gas L	ft Oth	er (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er E	Bbls.	Gas-Oil Ratio		Gravity		
Disposition of Gas	METHOD OF COMPLETION Production Interval											
Vented Sold	Used on Lease		Open Hole	Perf.	r	Dually Comp.	Commingled .					
	ubmit ACO-18.)		Other (Snec		ا لسسا							



#### MORNING COMPLETION REPORT

Report Called in by:	: JES			Report taken by	r: KRD						
LEASE NAME & #		AFE#	DATE	DAYS	CIB	TH	TYPE FLUID				
ELIAS 15-28		<u></u>	9/02/05	111	TYP	<u> </u>	WT				
PRESENT OPERAT	ON:				LIBEAGE		VIS				
			DRILL OUT FROM UNDER SUR			RACTOR MOKAT					
DEEPEST CASING	DEEPEST CASING LINERS OD YOP & SHOE DEPTH		REPAIR DOWN TIME HRS			RIG NO BILLY					
OD SMOE DEPTH			7501	T PERFS		RIG NO BIEL!					
	8 5/8" 24# J-55 - Set 2	OD ID				SQUEEZED OR PLUG BACK PERFS					
PACKER OR ANCHOR	FISHING TOOLS	<u> </u>	TO			то					
-	<del>                                     </del>		<del>                                     </del>	то		то					
			то			TO					
			TO			TO					
1100	PRIES DESCRIPTIO										
HRS BRIEF DESCRIPTION OF OPERATION											
	MIRU MOKAT DRI	LING DRILLED	11" HOLE, 4	IT DEEP, RIH W	2 JT 8 5/8" SI	JRFACE CASING	j				
							,				
	MIXED 8 SXS TYP	E 1 CEMENT, DI	JMPED DN T	HE BACKSIDE,	SDFN.						
		· · · · · · · · · · · · · · · · · · ·									
						<u> </u>					
	RECEIVED										
	KANSAS CORPORATION COMMISSION										
DEC 2 3 2005											
CONSERVATION DIVISION WICHITA, KS											
<del></del>											
DAILY COST ANAL	YS/5		. •		DETAILS	OF RENTALS, SERV	vices, & MISC				
RIG				[i	MOKAT DRILL						
1710		<del></del>		Ţ	MOKAT (CEME	NT)	160				
SUPERVISION	20	0		ļ	DIRTWORKS	LOC,RD, PIT)	400				
				1	SURFACE CA		400				
RENTALS				<u> </u>	LAND/ LEGAL		2000				
0.55\\ (1.0 <b>5</b> )				ŀ	<u> </u>						
SERVICES				ļ							
MISC	296	BO									
				L							
				_	<b></b>	<b>20</b>	en				
DAILY TOTALS	316	0PREVI	ous tetd	0	7C	31 <u>1</u>	<i></i>				

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

**TICKET NUMBER** LOCATION EWEK FOREMAN

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER# WEI	L NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-12-05	14168 E1;	95 15-28				
CUSTOMER	1					Montgoney
AAILING ADDRE	kayne therey	Gus [	TRUCK#	DRIVER	TRUCK#	DRIVER
,P.	• 5	Jones	446	Sult		
T.C	0. Box 160   STATE	ZIP CODE	441	Jim		
$\boldsymbol{\varsigma}$		ZIP CODE	No. 10 Head		· ch	
OR TYPE	/ _	(2/)				
ASING DEPTH	HOLE SIZE DRILL PIPE	674" HOLE DEPTH		ASING SIZE & V	WEIGHT 4%	- 10.514
LURRY WEIGH	100 0 1	11-	170 1147-		OTHER	
	Icu ou	40 Bbl. WATER gal/sk_		EMENT LEFT in	CASING 20	
		T PSI 750 PSI 700	Landed Plug RI	ATE48	PM- 2BPM	
Punch	eTy Meeting: Rigueto	412 casing, Break circulation	w with 20 BHs	- wash c	asky Tobotton	(200 Fill)
Pumped 101	AL OLL 11451, QU DA, WA	ET SPACE 10 Bb. Melas	iliate 10 Ru	Anna	<b>~</b>	
Sho	1d5 sks. Thick Sei cen	10 # 1 1/5K of KOI	-SEAL =5 13.	2/6 14/6 AL	·	
Onu	down - washout pump + h	nes - Kelease Hug - Disp	aleas Plug with	1844 Bus	Water	
	Final pumping of 750 AS	I - Bunged Plus to 1200	AST- wait 2	modules-	Release Pr	esse/e
	41 HEID - Close Casil	gin with OPST	erang tilgset	<u> </u>	and the second	<u> </u>
***	RECEIVED CEMENT FOR	Times To Surface with	7Bbl. Slury		<u> </u>	
KANSAS	CORPORATION COMMISSION	Job complete - Teud	- المعادة			
	DEC 2 3 2005	10-7-1				
ACCOUNT		Thank you"			<u>itta et en e</u>	<del></del>
CODE CON	SERVATION DIVISION	DESCRIPTION of SE	ERVICES or PRODU	ICT THE STATE	UNIT PRICE	TOTAL
5401	WICHITA, KS /	PUMP CHARGE			765.00	765.00
5406	<del>0</del>	MILEAGE Truck Inside	1	·	2.50	MC
11000		0	and the second second		1 2 2 2 2	77
1126A	125 sks.	Thick SET Cement			13.00	1625.00
1110 A	25 sks.	KOI-SEAL 10# 1	%k	Aller Marie	16.90	422.50
				egity to the	76.70	120.30
11114	50 1bs.	METASILICATE			1.55 13	77.50
11184	4 sts.	Geh Flush			643	26.52
5407A	6.88 TON	25 miles - Bulk	75.46		192	
					112	158.24
5605 A	4 Hrs	Welder			75.00	700.00
		A Control of the Cont			15.00	300.00
				·	100 100	
4404		41/2" Top Rubby Pla			38.00	38.00
			J. 10(10/10/20) 181	Jan 1994 - 19	<u> </u>	50.00
			Part Control			
			· ·	5.32	SALES TAX	116.05
		199618			ESTIMATED	7
THORIZTION	Called by John Ed				TOTAL E	5528.81
	Sauce Of JOHN ES	TITLE			DATE	·
2 · d	1067683	IT-ENKEKU 8502	огірнтер о	BW CONS	102 IS:33	Sel qes

### **GEOLOGIC REPORT**

### LAYNE ENERGY Elias 15-28 SW 1/4, SE 1/4, 330' FSL, 2,000' FEL Section 28-T33S-R16E MONTGOMERY COUNTY, KANSAS

Drilled: September 2-6, 2005

Logged: September 7, 2005

A.P.I.# 15-125-30837

Ground Elevation: 735' Depth Driller: 1,171'

Depth Logger: 1,170'

Surface Casing: 8 <sup>5</sup>/<sub>8</sub>" @ 41'

Production Casing: 4 1/2" @ 1,167'

Cemented Job: Consolidated

WICHITA KS

CONSERVATION DIVISION

RECEIVED KANSAS CORPORATION COMMISSION

DEC 2 3 2005

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

### FORMATION.....TOPS (in feet below ground surface) Quaternary Alluvium ......Surface Lenapah Lime .......225 Altamont Lime......283 Pawnee Lime ......441 Anna Shale......462 First Oswego Lime .....548 Little Osage Shale.....584 Excello Shale ......616 Iron Post Coal ......642 Bevier Coal ......652 "V" Shale ......669 Croweburg Coal......671 Mineral Coal ......720 AW Coal ......997 BW Coal ......1,006