

#### 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**

Operator: License # 33365	API No. 15 - 205-26250 - 00-00
Name: Layne Energy Operating, LLC	County: Wilson
Address: 1900 Shawnee Mission Parkway	SESESE_Sec. 35 Twp. 30 S. R. 14
City/State/Zip: Mission Woods, KS 66205	423 feet from S/ N (circle one) Line of Section
City/State/Zip: Mission Woods, KS 66205  Purchaser:	392 feet from (E) W (circle one) Line of Section
Operator Contact Person: M. B. Nattrass	Footages Calculated from Nearest Outside Section Corner:
Operator Contact Person: M. B. Nattrass  Phone: (913) 748-3987	(circle one) NE SE NW SW
Purchaser:  Operator Contact Person: M. B. Nattrass  Phone: (913) 748-3987  Contractor: Name: Thornton Air Rotary  License: 33606  Wellsite Geologist:  Designate Type of Completion:	Lease Name: Decker Well #: 16-35
License: 33606	Field Name: Cherokee Basin Coal Area
License: 33606  Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 911' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1488' Plug Back Total Depth: 1476'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 40' Fee
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFee
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1482'
Operator:	feet depth to Surface w/ 150 sx cmt.
Well Name:	·
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  AHJIM 06-05-08
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls
Plug Back Plug Back Total Depth	Dewatering method used N/A - Air Drilled
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
12/19/2005 12/20/2005 1/17/2006	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
i	
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove 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 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	te the oil and gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	
Signature: MO Walker	KCC Office Use ONLY
Title: Agent Date: 4//3/06	Letter of Confidentiality Attached
13th 1/0:1	If Denied, Yes Date:
Subscribed and sworn to before me this 13" day of	Wireline Log Received
20 110	Geologist Report Received APR 1 3 2000s
Notary Public: 1	
NOTARY PUBLIC - State Of Kansas  BROOKE C. MAXFIELD  My Appt. Exp. 12 28 10	——— UIC Distribution CONFIDENTIAL

Operator Name: Layne Energy Operating, LLC		Lea	Lease Name: Decker			Well #: 16-35				
Sec. 35 Twp. 3					nty: Wilso		<del></del>			
INSTRUCTIONS: S tested, time tool ope temperature, fluid re Electric Wireline Log	n and closed, flowin covery, and flow rate	ig and shu es if gas to	t-in pressures surface test,	, whether along with	shut-in pre	essure reached	static level, hydro	static pressure		
Drill Stem Tests Take			∕es ✓ No		<b></b> ✓L	og Formati	ion (Top), Depth a	and Datum	Sample	
,	,		∕es ☑No		Nam	e		Тор	Datum	
Samples Sent to Ge Cores Taken	ologicai Survey	<i>'</i> □ <i>'</i>	res ▼ No	Pawnee Lir		nee Lime		886 GL	25	
Electric Log Run (Submit Copy)		<u> </u>			Exce	ello Shale		1006 GL	-95	
List All E. Logs Run:					V St	nale		1077 GL	-166	
Compensated D					Mine	eral Coal		1122 GL	-211	
Dual Induction	ensity Neutron				Miss	sissippian		1387 GL	-476	
				RECORI		_				
	Size Hole	-r	ort all strings set ze Casing		, surface, inte Veight	ermediate, produc	Type of	# Sacis	Type and Percent	
Purpose of String	Drilled		et (In O.D.)		os. / Ft.	Depth	Cement	Used	Additives	
Surface	11	8.65		24		40'	Class A	8	Type 1 cement	
Casing	6.75	4.5		10.5		1482'	Thick Set	150		
				·						
		ļ	ADDITIONA	L CEMEN	ITING / SQL	JEEZE RECORI	)	<del></del>		
Purpose: Perforate	Depth Top Bottom	Type of Cement		#Sac	#Sacks Used Ty			ype and Percent Additives		
Protect Casing Plug Back TD Plug Off Zone				-						
Shots Per Foot PERFORATION RECORD - Bridge Plugs Se Specify Footage of Each Interval Perforate				ре		icture, Shot, Cemen mount and Kind of Ma		d Depth		
	See Attached									
						-	KANS	RECEI		
							Z HAVE	ADD 4	ION COMMISSION	
								AFR 14	2006	
			77.11					ONSERVATION WICHTA	DIVISION	
TUBING RECORD Size Set At Packer At Liner Run  2 3/8" 1412.5' Yes V No					na					
Date of First, Resumer 2/3/2006	rd Production, SWD or I	Enhr.	Producing Me	ethod	Flowing	g 🗸 Pumpi	ng 🔲 Gas Lif	t Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil O	Bbls.	Gas 27	Mcf	Wate	er B	bls. G	as-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF	COMPLETIC	<u> </u>		<u> </u>	Production Inter	val		KCC	
Vented Sold (If vented, So	Used on Lease		Open Hole		erf. 🔲 D	Qually Comp.	✓ Commingled	A	PR 1 3 2006	
			Other (aper					CO	NFIDENTIAL	

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
Lease Name:	Decker 16-35		
	Sec. 35 Twp. 30S Rng. 14E, Wilson County		
API:	15-205-26250		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1342-1344.5, 1232-1233.5, 1191-1193, 1121.5- 1123	Rowe, Blueacket, Weir, Mineral - 4700# 20/40 sand, 1428 gal 15% HCl acid, 410 bbls wtr	1121.5-1344.5
4	1077.5-1080, 1006-1011.5, 990-994, 915-917.5, 883.5-855	Croweberg, Mulky, Summit, Anna Shale, Mulberry - 6200# 20/40 sand, 2500 gal 15% HCl acid, 572 bbls wtr	883.5-1080



RECEIVED KANSAS CORPORATION COMMISSION APR 1 4 2006

CONSERVATION DIVISION WICHITA, KS

MORNING COMPLETION REPORT KRD Report Called in by: : JOHN ED Report taken by: PBTD CIBP DAYS LEASE NAME & # AFE# DATE TYPE FLUID DEPTH TYPE 12/19/2005 **DECKER 16-35** WT PRESENT OPERATION: DRILL OUT FROM UNDER SURFACE VIS CONTRACTOR REPAIR DOWN TIME HRS LINERS OD TOP & SHOE DEPTH DEEPEST CASING RIG NO OD SHOE DEPTH TEST PERFS SQUEEZED OR PLUG BACK PERFS PACKER OR ANCHOR FISHING TOOLS TO TO TO TO TO то TO то то BRIEF DESCRIPTION OF OPERATION HRS MIRU THORNTON ROTARY, DRILLED 11" HOLE, 40' DEEP, RIH W/ 2 JT 8 5/8" SURFACE CASING, MIXED 8 SKS TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN KANSAS CORPORATION COMMISSION CONSERVATION DIVISION WICHITA, KS DAILY COST ANALYSIS DETAILS OF RENTALS, SERVICES, & MISC RIG MCPHERSON DRILLING @ 6.50/ft 160 MCPHERSON (CEMENT) 400 DIRTWORKS (LOC,RD, PIT) SUPERVISION 200 SURFACE CASING 400 LAND/ LEGAL 2000 **RENTALS** 

DAILY TOTALS 3160 PREVIOUS TCTD TCTD 3160

400

2560

**SERVICES** 

MISC

## RECEIVED

KANSAS CORPORATION COMMISSION

08009 TICKET NUMBER

DNSOLIDATED OIL WELL SERVICES, INC.

LOCATION Eureka

O. BOX 884, CHANUTE, KS 66720 :0-431-9210 OR 800-467-8676

APR 1 4 2006

CONSERVATION DIVISION FOREMAN Troy Strickler

## TREATMENT REPORTISHED TICKET

#### CEMENT

CATE	CUSTOMER#	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
1-22-05	os 4158 Decker 16-35				and the zerous and the second time.	Maria e a companya da	Wilson
ISTOMER							0.98 Bit 42
Lay	ne Energy	<u> </u>	Gus	TRUCK#	DRIVER	TRUCK#	DRIVER
			Jones	463	Alan		
P.O.	Box 160		Ru2	442	Rick P.		
ľΥ	*	STATE ZIP CODE	1	434	Jim	k ,	
Sycamo	re	Ks					
		HOLE SIZE 634	HOLE DEPTH	1488'	CASING SIZE & W	EIGHT 41/2 1	1054
SING DEPTH	1482	DRILL PIPE W. A.	TUBING		· · · · · · · · · · · · · · · · · · ·	OTHER PBI	0 1476
URRY WEIGH	URRY WEIGHT 13.2" SLURRY VOL 46.786 WATER gal/sk 8 CEMENT LEFT in CASING 6						
SPLACEMENT 23.5881 DISPLACEMENT PSI 500 New PSI 1000 Bump Pluy. RATE							
MARKS: Safety Meeting: Rig up to 41/2" Casing. Break Circulation w/25 Bbl							
Fresh Water Pump 2086 Gel Flush, Isk Metasilicate Pre-Flush, 13861 Dye							
water, Mixed 1505ks Thickset Coment w/ 10# 1801-Seal Parsk @ 13.2 M							
Istal. Wash out Pump + lines. Shut Down. Released Plug. Displaced							
21 23.5 Bhl Flesh Water Final Pump Aressure 500 ASZ. Bump Plug to							
'000 lst. Wait 2mins Release Pressure. Float Held. Good Coment to							
Surface = 8Bbl Slury to P.t.							
Jeb Complete.							

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE	3.15	126.00
		A DO 1 3 2006		
126A	150sKs	ThickSet Cement	13.65	2047.50
110A	305Ks	Kol-Seal 10 # Mysk CONFIDEN VAL	17.75	532.50
118A	4 <i>sk</i> s	Gel-Flush	7.00	28.00
'IIA	50#	Metasilicate - Ae-Flush	1.65*	82.50
1407 A	8.25 ton	Ton-Mileage Bulk Truck	1.05	346.50
5502C	Yhrs	80Bbl Vac Truck	90.∞	360.00
5605A	4hrs.	Welder	78.00	312.∞
1123	3000541	City Water	12.80	38.40
4404	<u> </u>	4/2 Top Rubber Plug	40.00	40.00
		,	· .	
	<u></u>			
		Thank You	SubTotal	4713.40
		637.	SALES TAX	174,44
		201643	ESTIMATED TOTAL	4887.84

ITHORIZATION Called by John Ed.

### **GEOLOGIC REPORT**

LAYNE ENERGY
Decker 16-35
SE¼, SE¼, 423' FSL, 392' FEL
Section 35-T30S-R14E
WILSON COUNTY, KANSAS



Drilled: December 19-21, 2005 Logged: December 21, 2006

A.P.I.# 15-205-26250 Ground Elevation: 911' Depth Driller: 1,489' Depth Logger: 1,487'

Surface Casing: 8 <sup>5</sup>/<sub>8</sub>" @ 40' Production Casing: 4 ½" @ 1,483' Cemented Job: Consolidated

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

FORMATION......TOPS (in feet below ground surface)

I OIMA I IOI I	1 O1 D (III ICCI	below ground surface)
Lansing Group	Surface (Stante	on Limestone)
Lenapah Lime	702	
Altamont Lime	745	
Mulberry Coal	884	
Pawnee Lime	886	
Anna Shale	915	
First Oswego Lime	963	
Little Osage Shale		
Excello Shale		
Bevier Coal		
"V" Shale	1,077	
Croweburg Coal	1,079	KANDA PECENED
Mineral Coal	1,122	KANSAS CORPORATION COMMISSION
Weir Pitt Coal		ADD 1 A non
Bluejacket Coal	1,233	APR 1 4 2006
AW Coal	1,342	CONSERVATION DIVISION
Riverton Coal	1,372	WICHITA, KS
Mississippian	1.387	