## (ANSAS CORPORATION COMMISSION ) OIL & GAS CONSERVATION DIVISION

**WELL COMPLETION FORM** 

ORIGINAL Form Must Be Typed
SE

Form ACO-1

**WELL HISTORY - DESCRIPTION OF WELL & LEASE** 

Operator: License # 33365	API No. 15 - 125-30911 - 00 - 00				
Name: Layne Energy Operating, LLC	County: Montgomery				
Address: 1900 Shawnee Mission Parkway	swSE_SW_Sec. 31 Twp. 31 S. R. 17 V East West				
City/State/Zip: Mission Woods, KS 66205	406 S/ N (circle one) Line of Section				
Purchaser:	1667 feet from E / (Gircle 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: McPherson Drilling	Lease Name: Cotterill Well #: 14-31				
icense: 5675	Field Name: Neodesha				
	Producing Formation: Cherokee Coals				
Veilsite Geologist:	Elevation: Ground: 849' Kelly Bushing:				
Designate Type of Completion:	Total Depth: 1144' Plug Back Total Depth: 1134'				
New Well Re-Entry Workover Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21.5' Feet				
	Multiple Stage Cementing Collar Used?				
Gas ENHR SIGW	If yes, show depth setFeet				
Dry Other (Core, WSW, Expl., Cathodic, etc)	If Alternate II completion, cement circulated from 1141'				
f Workover/Re-entry: Old Well Info as follows:	04				
Operator:					
Vell Name:	Drilling Fluid Management Plan DH 6/5/08				
Original Comp. Date:	(Data must be collected from the Reserve Pit)				
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 Drifled				
Commingled Docket No.	Location of fluid disposal if hauled offsite:				
Dual Completion Docket No.	Operator Name:				
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:				
12/20/2005 12/21/2005 2/14/2006	<u> </u>				
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSecTwpS. R East West County: Docket No.:				
Kansas 67202, within 120 days of the spud date, recompletion, workov 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 logic TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	h the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, 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-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.				
erein are complete and correct to the best of my knowledge.					
Signature: MB Nation	KCC Office Use ONLY				
itie: Agent Date: 4/19/06	Letter of Confidentiality Attached				
Subscribed and sworn to before me this 18th day of 1900	If Denied, Yes Date: RECEIVED				
No oi o o o	Wireline Log Received ANSAS CORPORATION COMMISSION				
ora () May ()	Geologist Report Received APR 1 4 2008				
lotary Public: 1 YOUL - 14 MONTH	UIC DISCRIBUTION				
	CONSERVATION DIVISION				
A NOTARY PUBLIC - Size Of Kans	WICHITA, KS				

BROOKE C. MAXFIELD

Operator Name: Lay	ne Energy Oper	ating, LLC		3 Lease	Name:	Cotterill	. <del>.</del>	Well #: <u>14-</u>	31	•
Sec. 31 Twp. 3					, Montg	omery				
INSTRUCTIONS: Sitested, time tool oper temperature, fluid rec Electric Wireline Logi	n and closed, flowing covery, and flow rate	ig and shut-in as if gas to sui	pressures, rface test, a	whether stationg with f	nut-in pre	ssure reached	static level, hydr	ostatic pressur	es, botto	m hole
Drill Stem Tests Take		☐ Yes	<b>⊘</b> No		Ør.	og Format	ion (Top), Depth	and Datum		Sample
Samples Sent to Geo	•	☐ Yes	<b>⊘</b> No		Nam	e		Тор		Datum
Cores Taken	nogical callycy	☐ Yes	✓ No		Pawi	nee Lime		487 GL	;	362
Electric Log Run		✓ Yes	No		Exce	llo Shale		628 GL	2	221
(Submit Copy)					V Sh	ale		679 GL	•	170
List All E. Logs Run:	•					ral Coal		720 GL	•	129
Compensated Do	ensity Neutron							1044 GL		·195
Dual Induction					IVIISS	issippian		1044 02		100
		Report al		RECORD	✓ Ne	w Used	tion. etc.			
Purpose of String	Size Hote Orilled	Size C Set (In	asing	Wei	ght	Setting Depth	Type of Cement	# Sacjs Used	Туре	and Percer
Surface	11	8.65	•	24		21.5'	Class A	4	Туре	1 ceme
Casing	6.75	4.5		10.5		1141'	Thick Set	120		
		<u> </u>	··-							
	<u>-                                    </u>	A	DDITIONAL	CEMENT	NG / SQU	EEZE RECOR				
Purpose:  —— Perforate  —— Protect Casing	Depth Top Bottom	Type of (	Cement	#Sacks	Used	- •	Type and	Percent Additives	1	
Plug Back TD Plug Off Zone			<u>.</u>	,						
Shots Per Foot		ION RECORD					icture, Shot, Cemei		rd	Depth
	See Attached									
			-					KANSAS	RECE CORPORA	TION COM
****						·				4 2008
<del></del>			**.*					•		2000
TUBING RECORD 2 3	Size	Set At 1014'		Packer A	ıt	Liner Run	Yes ✓ N			<del>ÍON DIVISK</del> ITA, KS
Date of First, Resumero	Production, SWD or	Enhr. P	roducing Met	_	Flowing	y ✓ Pump	ing Gas L	ift 🔲 Oth	er (Explair	 i)
Estimated Production Per 24 Hours	Oil	Bbls. 5		Mcf	Wate	r I	3bls.	Gas-Oil Ratio		Gravity
Disposition of Gas		COMPLETION				Production Inte	rval			

Operator Name:	Layne Energy Operating, LLC.			•
_ease Name:	Cotterill 14-31			
	Sec. 31 Twp. 31S Rng. 17E, Montgomery County			
API:	15-125-30911-00-00			
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth	
	Initial Perforat	ions (January 2006)		
	Rowe 969' - 970.5'			
	Bluejacket 865' - 866.5'			
4	Scammon A 779.5' - 782'		720' - 970.5'	
	Tebo 783.5' - 784.5'	1600 gals 15% HCl acid		
	Mineral 720' - 721.5'			
	Croweburg 679' - 682'	5000 lbs 20/40 seed		
	Iron Post 658' - 659.5'	5600 lbs 20/40 sand 501 bbls water	601' - 682'	
4	Mulky Coal 628' - 632.5'		001 - 002	
s	Summit 601' - 603.5'	2000 gals 15% HCl acid		

RECEIVED KANSAS CORPORATION COMMISSION

APR 14-2008

CONSERVATION DIVISION WICHITA, KS

April 10, 2008

Mr. Steve Bond Kansas Corporation Commission Oil & Gas Conservation Division 130 S. Market, Room 2078 Wichita, KS 67202

Re:

Corrected Amended Well Completion Forms

Dear Mr. Bond:

I have enclosed the corrected amended ACO-1 form and associated data for the following well:

API # 15-125-30911-00-00 Cotterill 14-31

If you need additional information, please contact me at (913) 748-3960.

aughlin Darling

Sincerely,

MacLaughlin Darling

**Engineering Technician** 

**Enclosures** 

cc:

Well File

Field Office

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APR 14 2008

CONSERVATION DIVISION WICHITA, KS

