

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
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: Timothy H. Wright
Phone: (913) 748-3960
Contractor: Name: McPherson Drilling
License: 5675
Wellsite Geologist: _____

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: _____
 Well Name: _____
 Original Comp. Date: 8/21/2007 Original Total Depth: 1155'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back 1/9/08 CIBP 1018' Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>1/9/2008</u>	<u>1/9/2008</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-31390-00-01 CIBP Recompletion
 County: Montgomery
NE NE NE Sec. 4 Twp. 33 S. R. 16 East West
351 feet from S / N (circle one) Line of Section
347 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: DeMott Farms Well #: 1-4
 Field Name: Cherokee Basin Coal Area
 Producing Formation: Cherokee Coals
 Elevation: Ground: 751' Kelly Bushing: _____
 Total Depth: 1155' Plug Back Total Depth: 1146'
 Amount of Surface Pipe Set and Cemented at 40 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1146
 feet depth to Surface w/ 120 ^{sx crpt.}

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content N/A ppm Fluid volume _____ bbls
 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. _____ East West
 County: _____ Docket No.: _____

wo-Dlg-2/11/10

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 apply. 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 statements herein are complete and correct to the best of my knowledge.

Signature: _____
 Title: Project Engineer Date: 7-6-09
 Subscribed and sworn to before me this 6 day of July
20 09.
 Notary Public: MacLaughlin Darling
 Date Commission Expires: 1-4-2013

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes No Date: 2/11/10-Dlg
 Wireline Log Received
 Geologist Report Received
 Distribution
RECEIVED
 KANSAS CORPORATION COMMISSION
JAN 28 2010
 CONSERVATION DIVISION
 WICHITA, KS

MACLAUGHLIN DARLING
 Notary Public - State of Kansas
 My Appt. Expires 1-4-2013

Operator Name: Layne Energy Operating, LLC Lease Name: DeMott Farms Well #: 1-4
 Sec. 4 Twp. 33 S. R. 16 East West County: Montgomery

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density Neutron Dual Induction	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>476 GL</td> <td>275</td> </tr> <tr> <td>Excello Shale</td> <td>608 GL</td> <td>143</td> </tr> <tr> <td>V-Shale</td> <td>657 GL</td> <td>94</td> </tr> <tr> <td>Mineral Coal</td> <td>699 GL</td> <td>52</td> </tr> <tr> <td>Mississippian</td> <td>1042 GL</td> <td>-291</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Pawnee Lime	476 GL	275	Excello Shale	608 GL	143	V-Shale	657 GL	94	Mineral Coal	699 GL	52	Mississippian	1042 GL	-291
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	11"	8.625"	24	40'	Class A	35	Type 1 cement
Casing	6.75"	4.5"	10.5	1146'	Thick Set	120	#10 KOL seal @ sx

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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
	See Attached Page		
	1/9/2008 CIBP 1018'		

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TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8"	988'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
1/10/2008			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	0	4	0			

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	DeMott Farms 1-4		
	Sec. 4 Twp. 33S Rng. 16E, Montgomery County		
API:	15-125-31390-00-01		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Riverton 1025' - 1027' Rowe 965.5' - 967.5'	5100 lbs 20/40 sand 459 bbls water 570 gals 15% HCl acid	965.5' - 1027'
4	Mineral 698' - 700.5' V-Shale 657' - 660'	5500 lbs 20/40 sand 431 bbls water 650 gals 15% HCl acid	657' - 700.5'
4	Iron Post 631' - 632.5' Mulky 608' - 613' Summit 577' - 582'	8500 lbs 20/40 sand 672 bbls water 722 gals 15% HCl acid	577' - 632.5'

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CONSERVATION DIVISION
WICHITA, KS

Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3950

July 8, 2009

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

Re: Well Recompletion Form

Dear Mr. Bond:

I have enclosed the ACO-1 form for the following **recompleted** well:

API # 15-125-31390-00-01
DeMott Farms 1-4

We respectfully request that all information submitted be kept confidential. Per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year **if applicable**.

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

Sincerely,



MacLaughlin Darling
Production Analyst

Enclosures

cc: Well File
Field Office

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