

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

7/31/09  
Form ACO-1  
September 1999  
Form Must Be Typed  
ORIGINAL  
AMENDED

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: Thornton Air Rotary  
License: 33606

Wellsite Geologist: \_\_\_\_\_  
Designate Type of Completion:  
\_\_\_\_ New Well    \_\_\_\_ Re-Entry    \_\_\_\_ Workover  
\_\_\_\_ Oil    \_\_\_\_ SWD    \_\_\_\_ SLOW    \_\_\_\_ 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: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
\_\_\_\_ Deepening    \_\_\_\_ Re-perf.    \_\_\_\_ Conv. to Enhr./SWD  
\_\_\_\_ Plug Back    \_\_\_\_ Plug Back Total Depth  
\_\_\_\_ Commingled    Docket No. \_\_\_\_\_  
\_\_\_\_ Dual Completion    Docket No. \_\_\_\_\_  
\_\_\_\_ Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>4/4/2007</u>	<u>4/6/2007</u>	<u>8/4/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 049-22457-00-00  
County: Elk  
\_\_\_\_ W2 \_\_\_\_ NW \_\_\_\_ NW    Sec. 18    Twp. 29    S.    R. 12     East  West  
514 feet from S /  (circle one) Line of Section  
412 feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one)    NE    SE     NW    SW  
Lease Name: Kelly    Well #: 4-18  
Field Name: Cherokee Basin Coal

Producing Formation: Cherokee Coals  
Elevation: Ground: 1099'    Kelly Bushing: \_\_\_\_\_  
Total Depth: 1829'    Plug Back Total Depth: 1791.4'  
Amount of Surface Pipe Set and Cemented at 44 Feet  
Multiple Stage Cementing Collar Used?     Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1791.4  
feet depth to Surface w/ 185 sx cmt.

Drilling Fluid Management Plan ALF4 NS-1809  
(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.: \_\_\_\_\_

**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: [Signature]  
Title: Agent    Date: 10-31-07  
Subscribed and sworn to before me this 31 day of October  
2007  
Notary Public: MacLaughlin Darline  
Date Commission Expires: 1-4-2009

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received    RECEIVED  
 Geologist Report Received    KANSAS CORPORATION COMMISSION  
NOV 01 2007  
CONSERVATION DIVISION  
WICHITA, KS



Operator Name: Layne Energy Operating, LLC Lease Name: Kelly Well #: 4-18  
 Sec. 18 Twp. 29 S. R. 12  East  West County: Elk

**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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)  
 List All E. Logs Run:  
 Compensated Density Neutron  
 Dual Induction

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 Pawnee Lime 1436 GL -337  
 Excello Shale 1521 GL -422  
 V Shale 1589 GL -490  
 Mississippian 1813 GL -714

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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	44'	Class A	10	Type 1 cement
Casing	6.75"	4.5"	10.5	1791.4'	Thick Set	185	#10 KOL seal @ sx

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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
	Open Hole Mississippi	4202 lbs 20/40 sand; 344 bbls water; 100 gals 15% HCl	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	1800'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
Pending			<input type="checkbox"/> Flowing <input 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

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: \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION

NOV 01 2007