

CONFIDENTIAL

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

ORIGINAL 12/28/10

Form ACO-1
September 1999
Form Must Be Typed

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 ____ 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: _____ 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>7/15/2008</u>	<u>7/17/2008</u>	<u>11/7/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 019-26921-00-00 AMENDED
County: Chautauqua
____ E2 ____ NE ____ SE Sec. 32 Twp. 32 S. R. 13 East West
2036 feet from N (circle one) Line of Section
360 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Coffey Well #: 9-32
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 981' Kelly Bushing: _____
Total Depth: 1738' Plug Back Total Depth: 1731'
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 1731
feet depth to Surface w/ 260 sx cmt.

Drilling Fluid Management Plan *AH JNS 4-22-09*
(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: Project Engineer Date: 2/22/09
Subscribed and sworn to before me this 22 day of February,
20 09.
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2013

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

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
____ Wireline Log Received
____ Geologist Report Received
RECEIVED
KANSAS CORPORATION COMMISSION
FEB 24 2009

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Coffey Well #: 9-32
 Sec. 32 Twp. 32 S. R. 13 East West County: Chautauqua

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	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>1214 GL</td> <td>-233</td> </tr> <tr> <td>Excello Shale</td> <td>1357 GL</td> <td>-376</td> </tr> <tr> <td>V-Shale</td> <td>1402 GL</td> <td>-421</td> </tr> <tr> <td>Mineral Coal</td> <td>1446 GL</td> <td>-465</td> </tr> <tr> <td>Mississippian</td> <td>1721 GL</td> <td>-740</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	1214 GL	-233	Excello Shale	1357 GL	-376	V-Shale	1402 GL	-421	Mineral Coal	1446 GL	-465	Mississippian	1721 GL	-740
Name	Top	Datum																	
Pawnee Lime	1214 GL	-233																	
Excello Shale	1357 GL	-376																	
V-Shale	1402 GL	-421																	
Mineral Coal	1446 GL	-465																	
Mississippian	1721 GL	-740																	

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	8	Type 1 cement
Casing	6.75"	4.5"	10.5	1731'	Thick Set	260	50/50 posmix w/2% gel

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		

RECEIVED
 KANSAS CORPORATION COMMISSION
 FEB 24 2009
 CONSERVATION DIVISION
 WICHITA KS

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>1544'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>11/18/2008</u>		Producing Method <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. <u>0</u>	Gas Mcf <u>17</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Coffey 9-32		
	Sec. 32 Twp. 32S Rng. 13E, Chautauqua County		
API:	15-019-26921-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (November 2008)			
4	Mineral 1445' - 1446.5'	2400 lbs 20/40 sand 203 bbls water 100 gals 15% HCl acid	1445' - 1446.5'
4	Croweburg 1402.5' - 1405'	3600 lbs 20/40 sand 254 bbls water 300 gals 15% HCl acid	1402.5' - 1405'
4	Mulky 1357.5' - 1361'	4200 lbs 20/40 sand 250 bbls water 300 gals 15% HCl acid	1357.5' - 1361'
4	Summit 1333' - 1334.5'	2400 lbs 20/40 sand 193 bbls water 300 gals 15% HCl acid	1333' - 1334.5'

CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 24 2009

CONSERVATION DIVISION
WICHITA, KS