



Operator Name: Layne Energy Operating, LLC Lease Name: Linn Well #: 16-16  
 Sec. 16 Twp. 32 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, lime 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 ✓ No (Attach Additional Sheets)  Samples Sent to Geological Survey <input type="checkbox"/> Yes ✓ No  Cores Taken Yes ✓ No Electric Log Run ✓ Yes No (Submit Copy)  List All E. Logs Run:  Compensated Density Neutron Dual Induction	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>✓ Log</th> <th>Formation (Top), Depth and Datum</th> <th>Sample</th> </tr> <tr> <td></td> <td>Name</td> <td>Top Datum</td> </tr> <tr> <td></td> <td>Pawnee Lime</td> <td>574 276</td> </tr> <tr> <td></td> <td>Excello Shale</td> <td>731.5 119</td> </tr> <tr> <td></td> <td>V Shale</td> <td>782 68</td> </tr> <tr> <td></td> <td>Mineral Coal</td> <td>817 33</td> </tr> <tr> <td></td> <td>Mississippian</td> <td>1149 -299</td> </tr> </table>	✓ Log	Formation (Top), Depth and Datum	Sample		Name	Top Datum		Pawnee Lime	574 276		Excello Shale	731.5 119		V Shale	782 68		Mineral Coal	817 33		Mississippian	1149 -299
✓ Log	Formation (Top), Depth and Datum	Sample																				
	Name	Top Datum																				
	Pawnee Lime	574 276																				
	Excello Shale	731.5 119																				
	V Shale	782 68																				
	Mineral Coal	817 33																				
	Mississippian	1149 -299																				

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	# Sacks Used	Type and Percent Additives
Surface	11"	8.625"	24	20'	Class A	4	Type 1 Cement
Production	6-3/4"	4.5"	10.5	1252'	Thick Set	130	

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		
	CIBP 1130'		

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**SEP 16 2010**  
 CONSERVATION DIVISION  
 WICHITA, KS

TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes	✓ No
	2-3/8"	1099'				
Date of First, Resumed Production, SWD or Enhr.		Producing Method				
11/12/2005		Flowing	✓ Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	0	2	0			

Disposition of Gas      **METHOD OF COMPLETION**      Production Interval

Vented    ✓ Sold     Used on Lease     
  Open Hole    ✓ Perf.      Dually Comp.     Commingled

(If vented, Sumit ACO-18.)       Other (Specify) \_\_\_\_\_

**Operator Name:** Layne Energy Operating, LLC.  
**Lease Name:** Linn 16-16  
Sec. 16 Twp. 32S Rng. 16E, Montgomery County  
**API:** 15-125-30691-00-01

<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
		<b>Original Perforations (April 2005)</b>	
4	1136-1138, 1081.5-1082.5, 816.5-818	Riverton, Rowe, Mineral - 1,000gal 15% HCL + 425bbbls water + 2,992# 20/40 Sand	816.5-1138
4	782-784.5, 755.5-756.5, 730-735, 702.5-706	Croweberg, Ironpost, Mulky, Summit - 2,015gal 15% HCL + 535bbbls water + 3,831# 20/40 Sand	702.5-784.5

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**SEP 16 2010**  
**CONSERVATION DIVISION**  
**WICHITA, KS**