

**CONFIDENTIAL**

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**

**CORRECTED**

Operator: License # 33365  
Name: Layne Energy Operating, LLC  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: \_\_\_\_\_  
Operator Contact Person: M. B. Natrass  
Phone: (913) 748-3987  
Contractor: Name: Thorton Air  
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: \_\_\_\_\_ 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>6/17/2005</u>	<u>6/20/2005</u>	<u>12/12/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26096 - 60-00  
County: Wilson  
W2 NE SW NW Sec. 21 Twp. 30 S. R. 16  East  West  
1650 feet from S /  (circle one) Line of Section  
819 feet from E /  (circle one) Line of Section

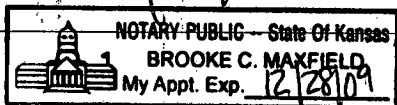
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Irvine AX&P Well #: 5-21  
Field Name: Neodesha  
Producing Formation: Cherokee Coals  
Elevation: Ground: 809' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1177' Plug Back Total Depth: 1163'  
Amount of Surface 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 1174'  
feet depth to Surface w/ 130 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit) *ALT II W/H*  
Chloride content N/A ppm Fluid volume 12-13-07 bbls  
Dewatering method used N/A - Air Drilled  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: **KANSAS CORPORATION COMMISSION**  
Quarter \_\_\_\_\_ Sec. APR 05 2006  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_  
**CONSERVATION DIVISION  
WICHITA, KS**

**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: MR. Hatter  
Title: Agent Date: 4/4/06  
Subscribed and sworn to before me this 4th day of April  
20 Be  
Notary Public: Brooke C. Maxfield  
Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**KCC**  
**APR 04 2006**

**CONFIDENTIAL**

Operator Name: Layne Energy Operating, LLC Lease Name: Irvine AX&P Well #: 5-21 **CONFIDENTIAL**  
 Sec. 21 Twp. 30 S. R. 16  East  West County: Wilson

**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>539 GL</td> <td>270</td> </tr> <tr> <td>Excello Shale</td> <td>668 GL</td> <td>141</td> </tr> <tr> <td>V Shale</td> <td>729 GL</td> <td>80</td> </tr> <tr> <td>Mineral Coal</td> <td>767 GL</td> <td>42'</td> </tr> <tr> <td>Mississippian</td> <td>1082 GL</td> <td>-273</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	539 GL	270	Excello Shale	668 GL	141	V Shale	729 GL	80	Mineral Coal	767 GL	42'	Mississippian	1082 GL	-273
Name	Top	Datum																	
Pawnee Lime	539 GL	270																	
Excello Shale	668 GL	141																	
V Shale	729 GL	80																	
Mineral Coal	767 GL	42'																	
Mississippian	1082 GL	-273																	

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	# Sacs Used	Type and Percent Additives
Surface	11	8.65	24	40'	Class A	60	Type 1 cement
Casing	6.75	4.5	10.5	1174'	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 <i>(Amount and Kind of Material Used)</i>	Depth
	See Attached	<div style="border: 2px solid black; padding: 10px; transform: rotate(-2deg);"> <p style="font-weight: bold; margin: 0;">RECEIVED</p> <p style="font-weight: bold; margin: 0;">KANSAS CORPORATION COMMISSION</p> <p style="font-weight: bold; margin: 0;">APR 05 2006</p> <p style="font-weight: bold; margin: 0;">CONSERVATION DIVISION</p> <p style="font-weight: bold; margin: 0;">WICHITA, KS</p> </div>	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	935'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method	
SI-well not producing			<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				

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

**KCC**

**APR 04 2006**

<b>Operator Name:</b>	Layne Energy Operating, LLC.	<b>CONFIDENTIAL</b>	
<b>Lease Name:</b>	Irvine AX&P 5-21		
	Sec. 21 Twp. 30S Rng. 16E, Montgomery County		
<b>API:</b>	15-205-26096		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	890-891, 828.5-829.5, 766.5-767.5, 729-731	Bluejacket, Weir, Mineral, Croweberg - 4500# 20/40 sand, 1500 gal 15% HCl, 441 bbls wtr	729-891
4	709-710, 667.5-673, 650.5-655, 572.5-574.5	Ironpost, Mulky, Summit, Lexington - 6700# 20/40 sand, 2300 gal 15% HCl acid, 555 bbls wtr	572.5-710

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**

**APR 05 2006**

**CONSERVATION DIVISION**  
**WICHITA, KS**