

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: MOKAT Drilling
License: 5831
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>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 - 205-26096-00-00 AMENDED
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 cmf.

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.: _____

AM-Dg - 7/23/09

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: Manager of Engineering Date: 6/26/09
Subscribed and sworn to before me this 26 day of June,
2009.
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2013

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

Copy Confid. as per

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: 7/13/09
 Wireline Log Received
 Geologist Report Received
Distribution

RECEIVED
JUN 30 2009

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Operator Name: Layne Energy Operating, LLC Lease Name: Irvine AX&P Well #: 5-21
 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
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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	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 Page		

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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"	935'		
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
4/6/2006		<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	40	50	

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) _____	

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Irvine AX&P 5-21		
	Sec. 21 Twp. 30S Rng. 16E, Montgomery County		
API:	15-205-26096-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
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

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Layne Energy, Inc.

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

June 29, 2009

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

Re: Amended Well Completion Form

Dear Mr. Bond:

I have enclosed the **amended** ACO-1 form and associated data for the following well:

API # 15-205-26096-00-00
Irvine AX&P 5-21

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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COPY



Mark Parkinson, Governor
Thomas E. Wright, Chairman
Michael C. Moffet, Commissioner
Joseph F. Harkins, Commissioner

July 13, 2009

Layne Energy, Inc.
1900 Shawnee Mission Parkway
Mission Woods, KS 66205

RE: Request for Confidential Status-
Irvine AX & P 5-21 (API: 15-205-26096-0000)

Dear Ms. Darling:

This letter is to advise you that the request for confidential status that we received on June 30, 2009 with the amended ACO-1 for the above-referenced well has been denied. This request was not received in a timely manner.

Confidential status was originally conferred for a period of one year beginning October 13, 2005 and ending October 13, 2006. In order to have received the second year of confidentiality your request would have to have been received prior to the end date of the first year in order to comply with KCC regulations.

Please contact me directly at (316) 337-6108 if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Marjorie Marcotte", written in black ink.

Marjorie ('Maggie') Marcotte
Production Department