

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

12/5/08

Form ACO-1
September 1999
Form Must Be Typed

AMENDED

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: Victor H. Dyal
Phone: (913) 748-3960
Contractor: Name: MOKAT Drilling
License: 5831

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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>8/8/2006</u>	<u>8/11/2006</u>	<u>3/5/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31132-00-00
County: Montgomery
____ - SE - SW Sec. 34 Twp. 31 S. R. 16 East West
660 feet from N (circle one) Line of Section
1980 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Base Well #: 14-34
Field Name: Jefferson-Sycamore

Producing Formation: Cherokee Coals
Elevation: Ground: 853' Kelly Bushing: _____
Total Depth: 1191' Plug Back Total Depth: 1181'
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1181'
feet depth to Surface w/ 120 sx cmt.

Drilling Fluid Management Plan 04 8/21/08
(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: 6/18/07
Subscribed and sworn to before me this 18th day of June,
20 07.
Notary Public: [Signature]
Date Commission Expires: 10/14/2008

MARGARET ALLEN
Notary Public - State of Kansas
My Appt. Expires _____

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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KANSAS CORPORATION COMMISSION

JUN 20 2007

Operator Name: Layne Energy Operating, LLC Lease Name: Base Well #: 14-34
 Sec. 34 Twp. 31 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, 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: 70%;">Name</td> <td style="width: 15%;">Top</td> <td style="width: 15%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>560 GL</td> <td>293</td> </tr> <tr> <td>Excello Shale</td> <td>704 GL</td> <td>149</td> </tr> <tr> <td>V Shale</td> <td>754 GL</td> <td>99</td> </tr> <tr> <td>Mineral Coal</td> <td>797 GL</td> <td>56</td> </tr> <tr> <td>Mississippian</td> <td>1109 GL</td> <td>-256</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	560 GL	293	Excello Shale	704 GL	149	V Shale	754 GL	99	Mineral Coal	797 GL	56	Mississippian	1109 GL	-256
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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	# Sacs Used	Type and Percent Additives
Surface	11"	8.65"	24	20'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1181'	Thick Set	120	

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		

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>1038'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>3/12/2007</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>24</u>	Water Bbls. <u>32</u>	Gas-Oil Ratio	Gravity

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) _____	_____

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 CONSERVATION DIVISION
 WICHITA, KS

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Base 14-34		
	Sec. 34 Twp. 31S Rng. 16E, Montgomery County		
API:	15-125-31132-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Rowe 1039.5' - 1041' Bluejacket 927' - 928.5'	4800 lbs 20/40 sand 453 bbls water 500 gals 15% HCl acid	927' - 1041'
4	Croweburg 754' - 757' Mineral 796' - 799' Bevier 731' - 733.5'	8000 lbs 20/40 sand 807 bbls water 500 gals 15% HCl acid	731' - 799'
4	Summit 676.5' - 681.5' Mulky 702.5' - 708.5'	13700 lbs 20/40 sand 1242 bbls water 500 gals 15% HCl acid	676.5' - 708.5'

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WICHITA, KS

12/5/08

Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

June 19, 2007

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

KCC
DEC 05 2006
CONFIDENTIAL

Re: Amended Well Completion Forms

To Whom It May Concern:

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

API # 15-125-31132-00-00
Base 14-34

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 you need additional information, please contact me at (913) 748-3960.

Sincerely,



MacLaughlin Darling
Engineering Technician

Enclosures

cc: Well File
Field Office

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WICHITA, KS

