

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: Thornton Air Rotary  
 License: 33606  
 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>4/10/2006</u>	<u>4/12/2006</u>	<u>5/8/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

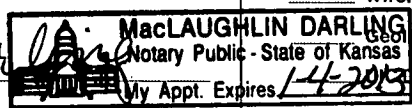
API No. 15 - 125-30980-00-00 Amended  
 County: Montgomery  
W/2 NE NW NW Sec. 33 Twp. 31 S. R. 14  East  West  
336 feet from S /  (circle one) Line of Section  
888 feet from E /  (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE  SW  
 Lease Name: COX Well #: 4-33  
 Field Name: Cherokee Basin Coal Area  
 Producing Formation: Cherokee Coals  
 Elevation: Ground: 846' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1481' Plug Back Total Depth: 1477'  
 Amount of Surface Pipe Set and Cemented at 21 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1477  
 feet depth to Surface w/ 150 sx cmt.  
*AM-Dg - 7/23/09*

**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.: \_\_\_\_\_

**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



**KCC Office Use ONLY**

Y Letter of Confidentiality Attached *more confidential than any used.*

If Denied, Yes  Date: 7/13/09

Wireline Log Received \_\_\_\_\_

Geologist Report Received \_\_\_\_\_

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Operator Name: Layne Energy Operating, LLC Lease Name: Cox Well #: 4-33  
 Sec. 33 Twp. 31 S. R. 14  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  Yes  No  
*(Attach Additional Sheets)*

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
*(Submit Copy)*

List All E. Logs Run:

Compensated Density Neutron  
 Dual Induction

Name	Top	Datum
Pawnee Lime	895 GL	-49
Excello Shale	1031 GL	-185
V Shale	1085 GL	-239
Mineral Coal	1129 GL	-283
Mississippian	1398 GL	-552

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	21'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1477'	Thick Set	150	

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		
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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1389'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
8/7/2006	<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	100	80	

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) \_\_\_\_\_

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Cox 4-33		
	Sec. 33 Twp. 31S Rng. 14E, Montgomery County		
<b>API:</b>	15-125-30980-00-00		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Initial Perforations (May 2006)</b>			
4	Rowe 1339' - 1340.5' Mineral 1128.5' - 1130.5' Croweburg 1084.5' - 1089'	2900 lbs 20/40 sand 458 bbls water 1000 gals 15% HCl acid	1084.5' - 1340.5'
4	Iron Post 1065' - 1066.5' Mulky 1031' - 1037' Summit 1011' - 1015.5'	5700 lbs 20/40 sand 568 bbls water 1200 gals 15% HCl acid	1011' - 1066.5'
4	Lexington 926' - 927.5' Mulberry 890.5' - 891.5'	2500 lbs 20/40 sand 537 bbls water 500 gals 15% HCl acid	890.5' - 927.5'

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*Layne Energy, Inc.*

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

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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 # 15-125-30980-00-00  
Cox 4-33

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: Requests for Confidential Status

Dear Ms. Darling:

This letter is to advise you that your requests for confidential status that were submitted with the amended ACO-1s for the wells referenced below have been denied as the maximum confidential period of two years has already been conferred. The applicable wells are as follows:

- |                    |                   |
|--------------------|-------------------|
| 1. Miller 13-11    | 15-125-31004-0000 |
| 2. Cox 4-33        | 15-125-30980-0000 |
| 3. Schwatken 16-18 | 15-125-30565-0000 |

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

Sincerely,

A handwritten signature in black ink, appearing to read "Marjorie Marcotte", with a long horizontal flourish extending to the right.

Marjorie ('Maggie') Marcotte  
Production Department