

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

12/3/09

AMENDED

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. _____

8/10/2007 8/17/2007 1/11/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 019-26818-00-0000
County: Chautauqua
_____ SW _____ NW Sec. 10 Twp. 32 S. R. 13 East West
2603 feet from S / (circle one) Line of Section
496 feet from E / (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
_____ (circle one) NE SE NW SW
Lease Name: Osburn Well #: 5-10
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 843' Kelly Bushing: _____
Total Depth: 1433' Plug Back Total Depth: 1429'
Amount of Surface Pipe Set and Cemented at 122 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1429
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan AKIN 5509
(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: _____
Title: Agent Date: 1/28/2008
Subscribed and sworn to before me this 28 day of February
20 08
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2009



KCC Office Use ONLY

Letter of Confidentiality Attached **RECEIVED**
If Denied, Yes Date: **KANSAS CORPORATION COMMISSION**
 Wireline Log Received
 Geologist Report Received
FEB 29 2008
CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL

Operator Name: Layne Energy Operating, LLC Lease Name: Osburn Well #: 5-10
 Sec. 10 Twp. 32 S. R. 13 East West County: Chautauqua

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>975 GL</td> <td>-132</td> </tr> <tr> <td>Excello Shale</td> <td>1099 GL</td> <td>-256</td> </tr> <tr> <td>V Shale</td> <td>1152 GL</td> <td>-309</td> </tr> <tr> <td>Mineral Coal</td> <td>1193 GL</td> <td>-350</td> </tr> <tr> <td>Mississippian</td> <td>1404 GL</td> <td>-561</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	975 GL	-132	Excello Shale	1099 GL	-256	V Shale	1152 GL	-309	Mineral Coal	1193 GL	-350	Mississippian	1404 GL	-561
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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	122'	Class A	150	Type 1 cement
Casing	6.75"	4.5"	10.5	1429'	Thick Set	150	#10 KOL seal @ sx

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 2-3/8"	Set At 1275'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. SI - waiting on pipeline		Producing Method <input type="checkbox"/> Flowing <input 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

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented. Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	RECEIVED KANSAS CORPORATION COMMISSION FEB 29 2008

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Osburn 5-10		
	Sec. 10 Twp. 32S Rng. 13E, Chautauqua County		
API:	15-019-26818-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Burgess 1404.5' - 1405.5'	n/a lbs 20/40 sand n/a bbls water n/a gals 15% HCl acid	1404.5' - 1405.5'
4	Burgess 1406.7' - 1407.7'	n/a lbs 20/40 sand n/a bbls water n/a gals 15% HCl acid	1406.7' - 1407.7'
4	Mineral 1192' - 1193' Croweburg/V-Shale 1152.5' - 1155 Bevier 1133' - 1134'	10013 lbs 20/40 sand 774 bbls water 550 gals 15% HCl acid	1133' - 1193'
4	Mulky 1101' - 1103.5' Summit 1083' - 1085'	5706 lbs 20/40 sand 440 bbls water 450 gals 15% HCl acid	1083' - 1103.5'

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FEB 29 2008

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WICHITA, KS