

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

5/28/10

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: KCC
 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>2/12/2008</u>	<u>2/13/2008</u>	<u>3/10/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31501-00-00
County: Montgomery
S2 SE NW Sec. 14 Twp. 31 S. R. 16 East West
2199 feet from S / (circle one) Line of Section
1902 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Miller Well #: 6-14

Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 856' Kelly Bushing: _____
Total Depth: 1198' Plug Back Total Depth: 1193'
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 1193
feet depth to Surface w/ 165 sx cmt.

Drilling Fluid Management Plan Att # NSG-29-09
(Data must be collected from the Reserve Ph)
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: 5-28-2008
Subscribed and sworn to before me this 28 day of May,
2008.
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2009

MacLAUGHLIN DARLING
Notary Public - State of Kansas
My Appl. Expires 1-4-2009

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
RECEIVED
KANSAS CORPORATION COMMISSION
MAY 29 2008
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Miller Well #: 6-14
 Sec. 14 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 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

CONFIDENTIAL
 MAY 28 2008

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Pawnee Lime	535 GL	321
Excello Shale	680 GL	176
V-Shale	734 GL	122
Mineral Coal	777 GL	79
Mississippian	1087 GL	231

KCS 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"	8.625"	24	20'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1193'	Thick Set	165	50/50 posmix w/2% gel

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	Set At	Packer At	Liner Run
	2-3/8"	1116'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
3/14/2008	<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	29	16		

Disposition of Gas: Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

RECEIVED
 KANSAS CORPORATION COMMISSION

MAY 29 2008

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Miller 6-14		
	Sec. 14 Twp. 31S Rng. 16E, Montgomery County		
API:	15-125-31501-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (March 2008)			
4	Riverton 1062.5' - 1064.5'	2500 lbs 20/40 sand 365 bbls water 480 gals 15% HCl acid	1062.5' - 1064.5'
4	Rowe 1006.5' - 1008'	2500 lbs 20/40 sand 196 bbls water 350 gals 15% HCl acid	1006.5' - 1008'
4	Weir 858.5' - 861.5'	3800 lbs 20/40 sand 217 bbls water 350 gals 15% HCl acid	858.5' - 861.5'
4	Croweburg 735.5' - 738.5' Iron Post 711.5' - 712.5'	5000 lbs 20/40 sand 333 bbls water 500 gals 15% HCl acid	711.5' - 738.5'
4	Mulky 682' - 686.5'	5500 lbs 20/40 sand 246 bbls water 300 gals 15% HCl acid	682' - 686.5'
4	Summit 658' - 660'	2600 lbs 20/40 sand 157 bbls water 300 gals 15% HCl acid	658' - 660'

CONFIDENTIAL

MAY 28 2008

KCC

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 29 2008

CONSERVATION DIVISION
WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Miller 6-14
SE NW, 2199 FNL, 1902 FWL
Section 14-T31S-R16E
Montgomery County, KS

Spud Date: 2/12/2008
Drilling Completed: 2/13/2008
Logged: 2/13/2008
A.P.I. #: 15125315010000
Ground Elevation: 856'
Depth Driller: 1198'
Depth Logger: 1198'
Surface Casing: 8.625 inches at 20'
Production Casing: 4.5 inches at 1193'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density / Neutron Logs

CONFIDENTIAL

MAY 28 2008

KCC

Formation	Tops	
	(below ground)	(subsea)
	Surface (Nellie Bly Formation)	856
Kansas City Group		
Pawnee Limestone	535	321
Excello Shale	680	176
"V" Shale	734	122
Mineral Coal	777	79
Mississippian	1,087	-231

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 29 2008

CONSERVATION DIVISION
WICHITA, KS