

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

11/2/09

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: Layne Christensen Canada, Ltd.
License: 32999

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: 7/26/2003 Original Total Depth: 1243'
 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>8/8/2007</u>	<u>8/9/2007</u>
Spud Date or Recompletion Date	Completion Date or Recompletion Date

API No. 15 - 125-30272-00-02
County: Montgomery
SE SW Sec. 10 Twp. 32 S. R. 16 East West
667 FSL feet from S / N (circle one) Line of Section
1799 FWL feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Romans Well #: 14-10
Field Name: Brewster
Producing Formation: Cherokee Coals
Elevation: Ground: 891' Kelly Bushing: _____
Total Depth: 1243' Plug Back Total Depth: 1212'
Amount of Surface Pipe Set and Cemented at 42 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1242
feet depth to Surface w/ 170 sx cmt.

Drilling Fluid Management Plan WD NS 3-1809
(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.: _____

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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: 11-7-07
Subscribed and sworn to before me this 7 day of November
20 07
Notary Public: MacLaughlin Darline
Date Commission Expires: 1-4-2009

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

MACLAUGHLIN-DARLINE
Notary Public - State of Kansas
My Appt. Expires 1-4-2009

Operator Name: Layne Energy Operating, LLC Lease Name: Romans Well #: 14-10
 Sec. 10 Twp. 32 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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>611 GL</td> <td>283</td> </tr> <tr> <td>Excello Shale</td> <td>759 GL</td> <td>135</td> </tr> <tr> <td>V Shale</td> <td>811 GL</td> <td>83</td> </tr> <tr> <td>Weir-Pitt Coal</td> <td>926 GL</td> <td>-32</td> </tr> <tr> <td>Mississippian</td> <td>1183 GL</td> <td>-289</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	611 GL	283	Excello Shale	759 GL	135	V Shale	811 GL	83	Weir-Pitt Coal	926 GL	-32	Mississippian	1183 GL	-289
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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	12-1/4"	8.625"	23	42'	Class A	25	70# CaCl ₂ 3%
Casing	7-7/8"	5.5"	15.5	1243'	Thick Set	170	10# Gilsonite @ 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 <u>2-7/8"</u> Set At <u>1184'</u> Packer At _____ Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date of First, Resumerd Production, SWD or Enhr. <u>8/23/2007</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>4</u> Water Bbls. <u>0</u> Gas-Oil Ratio _____ Gravity _____	

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

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

Production Interval _____

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Romans 14-10		
	Sec. 10 Twp. 32S Rng. 16E, Montgomery County		
API:	15-125-30272-00-02		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Weir 927.5' - 931'	14000 lbs 16/30 sand 156 bbls water 1000 gals 15% HCl acid 13400 gals Mavfoam 70	927.5' - 931'
1st Recompletion Perforations (5/2006)			
4	Riverton 1166' - 1169'	1300 lbs 20/40 sand 232 bbls water 300 gals 15% HCl acid	1166' - 1169'
2nd Recompletion Perforations (8/2007)			
4	Croweburg 809' - 812.5' Iron post 783.5' - 785' Mulky 758' - 762.5'	14900 lbs 16/30 sand 887 bbls water -- gel 750 gals 15% HCl acid 76 ball sealers	758' - 812.5'

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