

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

RECEIVED  
KANSAS CORPORATION COMMISSION  
Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

APR 15 2009

CONSERVATION DIVISION  
WICHITA, KS

Operator: License # 33365  
Name: Layne Energy Operating, LLC  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: Layne Energy Sycamore Pipeline, LLC  
Operator Contact Person: Timothy H. Wright  
Phone: (913) 748-3960  
Contractor: Name: Layne Christensen Canada, Ltd.  
License: 32999  
Wellsite Geologist: Larry Weis

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: Layne Christensen Canada, Ltd. #32999

Well Name: SMITH C 3-5  
Original Comp. Date: 2/19/2004 Original Total Depth: 1299  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back 1200' CIBP  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_

5/3/2004 5/6/2004  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 125-30133-00-01 WICHITA, KS  
County: Montgomery  
NE NE NW SE SW SE SW NE NW SE SW  
Sec. 5 Twp. 32 S. R. 15  East  West

615 feet from S /  (circle one) Line of Section  
1579 feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  (circle one) SW  
Lease Name: Smith C Well #: 3-5

Field Name: Jefferson-Sycamore  
Producing Formation: Cherokee Coals

Elevation: Ground: 785' Kelly Bushing: 788'  
Total Depth: 1299' Plug Back Total Depth: 1298'

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 1298  
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan OWWO - Alt II NCR  
(Data must be collected from the Reserve Pit) 8-10-09

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: Project Engineer Date: 4/9/09  
Subscribed and sworn to before me this 9 day of April,  
2009.  
Notary Public: MacLaughlin Darling  
Date Commission Expires: 1-4-2013



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 TIC Distribution

Operator Name: Layne Energy Operating, LLC Lease Name: Smith C Well #: 3-5  
 Sec. 5 Twp. 32 S. R. 15 ✓ 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 ✓ No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes ✓ No  Cores Taken Yes ✓ No Electric Log Run ✓ Yes No <i>(Submit Copy)</i>  List All E. Logs Run:  Compensated Density Neutron Dual Induction	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;"></td> <td style="width:65%;">✓ Log Formation (Top), Depth and Datum</td> <td style="width:30%;">Sample</td> </tr> <tr> <td></td> <td>Name</td> <td>Top Datum</td> </tr> <tr> <td></td> <td>Pawnee Lime</td> <td>677 KB 111</td> </tr> <tr> <td></td> <td>Excello Shale</td> <td>826 KB -38</td> </tr> <tr> <td></td> <td>V Shale</td> <td>875 KB -87</td> </tr> <tr> <td></td> <td>Weir - Pitt Coal</td> <td>994 KB -206</td> </tr> <tr> <td></td> <td>Mississippian</td> <td>1204 KB -416</td> </tr> </table>		✓ Log Formation (Top), Depth and Datum	Sample		Name	Top Datum		Pawnee Lime	677 KB 111		Excello Shale	826 KB -38		V Shale	875 KB -87		Weir - Pitt Coal	994 KB -206		Mississippian	1204 KB -416
	✓ Log Formation (Top), Depth and Datum	Sample																				
	Name	Top Datum																				
	Pawnee Lime	677 KB 111																				
	Excello Shale	826 KB -38																				
	V Shale	875 KB -87																				
	Weir - Pitt Coal	994 KB -206																				
	Mississippian	1204 KB -416																				

CASING RECORD ✓ New 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	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8.625"	23	21'	Portland	8	
Casing	7-7/8"	5.5"	15.5	1298'	Diacel	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 Page	RECEIVED KANSAS GEOLOGICAL SURVEY APR 15 2004 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	✓ No
		2-7/8"	1075'				
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
5/7/2004			Flowing	✓ Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
		14	130				

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) \_\_\_\_\_

**Operator Name:** Layne Energy Operating, LLC. #33365  
**Lease Name:** SMITH C 3-5  
**Lease Location:** SE NE NW 5 - 32S - 15E MONTGOMERY, KS  
**API:** 15-125-30133-00-01



Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
<b>Initial Perforations (February 2004)</b>			
4	Lower Mississippi 1220' - 1224'	120 Water (bbls) 1000 HCl (15%) (gal)	1220' - 1224'
4	Upper Mississippi 1210' - 1214'	100 Water (bbls) 1000 HCl (15%) (gal) 30 Balls	1210' - 1214'
<b>1st Recompletion Perforations (May 2004)</b>			
4	Bartlesville Sand 1130' - 1140'	1000 HCl (15%) (gal) 130 Water (bbls)	1130' - 1140'

RECEIVED  
 KANSAS DEPARTMENT OF GEOLOGY  
 APR 15 2005  
 CONSERVATION DIVISION  
 WICHITA, KS