

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM AMENDED
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: Victor H. Dyal
 Phone: (913) 748-3987
 Contractor: Name: McPherson
 License: 5675
 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>8/31/2004</u>	<u>9/1/2004</u>	<u>4/1/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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 JUL 25 2005
 CONSERVATION DIVISION
 WICHITA, KS

API No. 15 - 125-30614 - 03 - 00
 County: Montgomery
 SW - NW - Sec. 22 Twp. 31 S. R. 16 East West
1980 feet from S / (N) (circle one) Line of Section
660 feet from E / (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Smith Well #: 5-22
 Field Name: Coffeyville-Cherryvale
 Producing Formation: Cherokee Coals
 Elevation: Ground: 883 Kelly Bushing: _____
 Total Depth: 1226 Plug Back Total Depth: 1214
 Amount of Surface Pipe Set and Cemented at 32 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1222
 feet depth to Surface w/ 135 sx cmt.
ALT II 4-26-06 W/HM
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: **CONFIDENTIAL**
 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: Victor H. Dyal
 Title: Agent Date: July 23 2005
 Subscribed and sworn to before me this 22nd day of July
2005
 Notary Public: Delores A. Demenee
 Date Commission Expires: July 31, 2005

KCC Office Use ONLY
 Letter of Confidentiality Attached
 Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

DELORES A. DEMENEES
 NOTARY PUBLIC
 STATE OF KANSAS

✓

X

Operator Name: Layne Energy Operating, LLC. Lease Name: Smith Well #: 5-22
 Sec. 22 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 <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 border="0" style="width: 100%;"> <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>577 GL</td> <td>306</td> </tr> <tr> <td>Excello Shale</td> <td>724 GL</td> <td>159</td> </tr> <tr> <td>V Shale</td> <td>776 GL</td> <td>107</td> </tr> <tr> <td>Mineral Coal</td> <td>816 GL</td> <td>67</td> </tr> <tr> <td>Mississippian</td> <td>1135 GL</td> <td>-252</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	577 GL	306	Excello Shale	724 GL	159	V Shale	776 GL	107	Mineral Coal	816 GL	67	Mississippian	1135 GL	-252
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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	8.65	24	20	Class A	8	Type 1 cement
Casing	6 3/4	4.5	10.5	1222	Thick Set	135	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
				CONFIDENTIAL

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
	See Attached	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p style="margin: 0;">RECEIVED</p> <p style="margin: 0;">KANSAS CORPORATION COMMISSION</p> <p style="margin: 0;">JUL 25 2005</p> <p style="margin: 0;">CONSERVATION DIVISION</p> <p style="margin: 0;">WICHITA, KS</p> </div>	

TUBING RECORD	Size 2.875	Set At 1143	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 5/3/2005		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. 0	Gas Mcf 21	Water Bbls. 1	Gas-Oil Ratio

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

ORIGINAL

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Smith 5-22		
	Sec. 22 Twp. 31S Rng. 16E, Montgomery County		
API:	15-125-30614		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1106-1108, 1056-1057.5, 900-901.5, 897-898.25, 876-879.5	Riverton, Rowe, Weir, Tebo - 1,600gal 15% HCL + 580bbls water + 5,563# 20/40 Sand	876-1108
4	849-850, 816.5-818, 777-780	Scammon, Mineral, Croweberg - 1,200gal 15% HCL + 400bbls water + 2,992# 20/40 Sand	777-850
4	753-754.4, 725-731, 700-704	Ironpost, Mulky, Summit - 1,900gal 15% HCL + 545bbls water + 4,883# 20/40 Sand	700-754.4

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