

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED
KANSAS CORPORATION COMMISSION

Form ACO-1
September 1999
Form Must Be Typed

APR 15 2009

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

Operator: License # 33365
 Name: Layne Energy Operating, LLC
 Address: 1900 Shawnee Mission Pkwy
 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 _____ 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 Limited
 Well Name: _____
 Original Comp. Date: 5/7/2003 Original Total Depth: 1305'
 _____ 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. _____
 4/11/2005 _____ 4/13/2005 _____
 Spud Date or _____ Date Reached TD _____ Completion Date or
 Recompletion Date _____ Recompletion Date _____

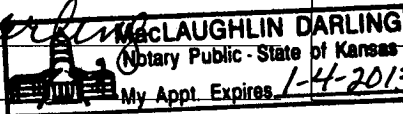
API No. 15 - 125-30132-00-01
 County: Montgomery
 _____ SW SW Sec. 32 Twp. 31 S. R. 15 East West
650 feet from N (circle one) Line of Section
933 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Chism W Well #: 13-32
 Field Name: Jefferson-Sycamore
 Producing Formation: Cherokee Coals
 Elevation: Ground: 803' Kelly Bushing: _____
 Total Depth: 1305' Plug Back Total Depth: 1304'
 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 1304 TD
 feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan WD NS 5-10-10
 (Data must be collected from the Reservoir 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: [Signature]
 Title: Project Engineer Date: 4/19/09
 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
 UIC Distribution

Operator Name: Layne Energy Operating, LLC Lease Name: Chism W Well #: 13-32
 Sec. 32 Twp. 31 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 border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: center;">✓ Log</td> <td style="width:60%;">Formation (Top), Depth and Datum</td> <td style="width:30%;">Sample</td> </tr> <tr> <td></td> <td style="text-align: center;">Name</td> <td style="text-align: center;">Top Datum</td> </tr> <tr> <td></td> <td>Pawnee Lime</td> <td style="text-align: center;">701 KB 105</td> </tr> <tr> <td></td> <td>Excello Shale</td> <td style="text-align: center;">841 KB -35</td> </tr> <tr> <td></td> <td>V Shale</td> <td style="text-align: center;">889 KB -83</td> </tr> <tr> <td></td> <td>Weir - Pitt Coal</td> <td style="text-align: center;">1012 KB -206</td> </tr> <tr> <td></td> <td>Mississippian</td> <td style="text-align: center;">1231 KB -425</td> </tr> </table>	✓ Log	Formation (Top), Depth and Datum	Sample		Name	Top Datum		Pawnee Lime	701 KB 105		Excello Shale	841 KB -35		V Shale	889 KB -83		Weir - Pitt Coal	1012 KB -206		Mississippian	1231 KB -425
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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	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8.625"	23	21'	Portland	8	
Casing	7-7/8"	5.5"	15.5	1305'	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		

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	✓ No
		2-7/8"	1051'				
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
4/15/2005			Flowing	✓ Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	0	10	87				

Disposition of Gas Vented Sold Used on Lease Other (Specify) _____

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____

(If vented, Submit ACO-18.)

Operator Name: Layne Energy Operating, LLC. #33365

Lease Name: CHISM W 13-32

Lease Location: SW SW 32 - 31S - 15E MONTGOMERY, KS

API: 15-125-30132-00-01



Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
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Initial Perforations (May 2003)

4	Weir 1013' - 1016.5'	263 Water (bbls) 2268 Sand (20/40) (lbs) 500 HCl (15%) (gal) 24 Water (bbls)	1013' - 1016.5'
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Recompletion Perforations (April 2005)

4	Iron Post 867' - 870.5' Croweburg 891' - 893' Weir 1013' - 1016.5'	1840 HCl (15%) (gal) 4986 Sand (20/40) (lbs) 550 Water (bbls)	867' - 1016.5'
4	Mulberry 699' - 700' Summit 818' - 820.5' Mulky Coal 842' - 847.5'	150 HCl (15%) (gal) 316 Water (bbls) 3000 Sand (20/40) (lbs)	699' - 847.5'

RECORDED
MAY 15 2005
6:15 PM
MONTGOMERY, KS