

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED ORIGINAL
KANSAS CORPORATION COMMISSION
APR 15 2009
WICHITA, KS

Form ACO-1
September 1999
Form Must Be Typed

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: 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: Shawnee Oil and Gas, LLC #33152

Well Name: _____
Original Comp. Date: 2/21/2003 Original Total Depth: 1459'
____ Deepening Re-perf. ____ Conv. to Enhr./SWD
 Plug Back 1362' Plug Back Total Depth
 Commingled Docket No. _____
____ Dual Completion Docket No. _____
____ Other (SWD or Enhr.?) Docket No. _____

<u>4/21/2005</u>	<u>4/27/2005</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-30137-00-01 ~~CORRECTED~~
County: Montgomery
____ - ____ - NE - NW Sec. 31 Twp. 31 S. R. 15 East West
681 feet from S / (circle one) Line of Section
2020 feet from E / (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Chism B * Well #: 3-31

Field Name: Jefferson-Sycamore
Producing Formation: Cherokee Coals
Elevation: Ground: 924' Kelly Bushing: _____
Total Depth: 1459' Plug Back Total Depth: 1438'
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 1459
feet depth to Surface w/ 195 sx cmt.

Drilling Fluid Management Plan WON 510-10
(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.: _____

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
 Public Distribution

MacLAUGHLIN DARLING
Notary Public - State of Kansas
My Appt. Expires 1-4-2013

Operator Name: Layne Energy Operating, LLC Lease Name: Chism B Well #: 3-31
 Sec. 31 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 <input checked="" type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: Compensated Density Neutron Dual Induction	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">✓ Log</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample</th> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>870 KB</td> <td>57</td> </tr> <tr> <td>Excello Shale</td> <td>1017 KB</td> <td>-90</td> </tr> <tr> <td>V Shale</td> <td>1066 KB</td> <td>-139</td> </tr> <tr> <td>Weir - Pitt Coal</td> <td>1178 KB</td> <td>-251</td> </tr> <tr> <td>Mississippian</td> <td>1377 KB</td> <td>-450</td> </tr> </table>	✓ Log	Formation (Top), Depth and Datum	Sample	Name	Top	Datum	Pawnee Lime	870 KB	57	Excello Shale	1017 KB	-90	V Shale	1066 KB	-139	Weir - Pitt Coal	1178 KB	-251	Mississippian	1377 KB	-450
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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	1459'	'A' Cement	195	2% Cacl2, 4% G

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		
	*CIBP @ 1362'	KADIS	
		WICHITA, KS	

TUBING RECORD	Size <u>2-7/8"</u>	Set At <u>1340'</u>	Packer At	Liner Run
				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr. <u>4/28/2005</u>		Producing Method		
		Flowing <input type="checkbox"/>	Pumping <input checked="" type="checkbox"/>	Gas Lift <input type="checkbox"/>
		Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbbls.	Gas Mcf	Water Bbbls.	Gas-Oil Ratio
		<1	124	

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

Operator Name: Layne Energy Operating, LLC. #33365

Lease Name: CHISM B 3-31

Lease Location: NE NW 31 - 31S - 15E MONTGOMERY, KS

API: 15-125-30137-00-01



Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
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Initial Perforations (August 2002)

4	Rowe 1321.5' - 1323.5' Riverton 1368' - 1369.5'	125 HCl (15%) (gal) 192 Water (bbls) 6200 Sand (20/40) (lbs) 2300 Sand (12/20) Brown	1321.5' - 1369.5'
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Recompletion Perforations (April 2005)

4	Tebo 1157.5' - 1159' Weir 1179' - 1180' Sycamore Shale 1200' - 1204.5' Bluejacket 1215' - 1216' Rowe 1321.5' - 1323.5'	1750 HCl (15%) (gal) 5144 Sand (20/40) (lbs) 575 Water (bbls)	1157.5' - 1323.5'
4	Bevier 1046' - 1048' Croweburg 1069' - 1071.5' Mineral 1111.5' - 1113'	1000 HCl (15%) (gal) 390 Water (bbls) 2834 Sand (20/40) (lbs)	1046' - 1113'
4	Mulberry 866' - 868' Summit 994' - 997.5' Mulky Coal 1018' - 1024'	2013 HCl (15%) (gal) 525 Water (bbls) 4777 Sand (20/40) (lbs)	866' - 1024'

RECEIVED
KANSAS DEPARTMENT OF REVENUE
MONTGOMERY, KANSAS
APR 15 2005