

KANSAS CORPORATION COMMISSION
 OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
 WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
 September 1999
 Form Must Be Typed

ORIGINAL

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) 748-3960
 Contractor: Name: Thornton Air Rotary
 License: 33606
 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: 9/14/2006 Original Total Depth: 1439'
 _____ 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>6/28/2007</u>	<u>6/29/2007</u>
Spud Date or Recompletion Date	Completion Date or Recompletion Date

API No. 15 - 125-31180-00-03
 County: Montgomery
NE SW NW NE Sec. 31 Twp. 31 S. R. 15 East West
721 feet from S / **(N)** (circle one) Line of Section
2031 feet from **(E)** W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Volz Well #: 2-31
 Field Name: Cherokee Basin Coal Area
 Producing Formation: Cherokee Coals
 Elevation: Ground: 907' Kelly Bushing: _____
 Total Depth: 1439' Plug Back Total Depth: 1434.8'
 Amount of Surface Pipe Set and Cemented at 20' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1435'
 feet depth to Surface w/ 145 sx cmt.

Drilling Fluid Management Plan WONH 7-14-08
 (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: Agent Date: 7-27-07
 Subscribed and sworn to before me this 27 day of July
 2007
 Notary Public: MacLaughlin Darline
 Date Commission Expires: 1/4/2009

MacLAUGHLIN DARLING
 Notary Public - State of Kansas
 My Appt. Expires 1/4/2009

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

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JUL 30 2007

Operator Name: Layne Energy Operating, LLC Lease Name: Volz Well #: 2-31
 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 <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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>862 GL</td> <td>45</td> </tr> <tr> <td>Excello Shale</td> <td>1010 GL</td> <td>-103</td> </tr> <tr> <td>V Shale</td> <td>1060 GL</td> <td>-153</td> </tr> <tr> <td>Mineral Coal</td> <td>1105 GL</td> <td>-198</td> </tr> <tr> <td>Mississippian</td> <td>1361 GL</td> <td>-454</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	862 GL	45	Excello Shale	1010 GL	-103	V Shale	1060 GL	-153	Mineral Coal	1105 GL	-198	Mississippian	1361 GL	-454
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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"	8.625"	24	20'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1435'	Thick Set	145	

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth
	See Attached			

TUBING RECORD		Size <u>2 3/8"</u>	Set At <u>1353'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>7/1/2007</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>310</u>	Water Bbls. <u>175</u>	Gas-Oil Ratio	Gravity

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

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Operator Name: Layne Energy Operating, LLC.
Lease Name: Volz 2-31
 Sec. 31 Twp. 31S Rng. 15E, Montgomery County
API: 15-125-31180-00-03

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Rowe 1315' - 1317'	3000 lbs 20/40 sand 229 bbls water 200 gals 15% HCl acid	1315' - 1317'
1st Recompletion Perforations			
4	Rowe 1241.5' - 1243'	1700 lbs 20/40 sand 203 bbls water 200 gals 15% HCl acid	1241.5' - 1243'
2nd Recompletion Perforations			
4	Mineral 1104.5' - 1106.5'	2600 lbs 20/40 sand 244 bbls water 126 gals 15% HCl acid	1104.5' - 1106.5'
3rd Recompletion Perforations			
4	Croweburg 1060.5' - 1063.5' Bevier 1037.5' - 1040'	5600 lbs 20/40 sand 490 bbls water 620 gals 15% HCl acid	1037.5' - 1063.5'

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