

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

9/1/12

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: 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 SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
 If Workover/Re-entry: Old Well Info as follows:
 Operator: Layne Energy Operating, LLC
 Well Name: Westfall 3-12
 Original Comp. Date: 11/5/2007 Original Total Depth: 1509'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back CIBP 1400' Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
 5/6/2010 5/11/2010
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 125-31377-00-01 Corrected
 County: Montgomery
 _____ NE NW Sec. 12 Twp. 31 S. R. 13 East West
366 feet from S / (circle one) Line of Section
2095 feet from E / (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Westfall Well #: 3-12
 Field Name: Cherokee Basin Coal Area
 Producing Formation: Cherokee Coals & Cattleman Sands
 Elevation: Ground: 986' Kelly Bushing: _____
 Total Depth: 1509' Plug Back Total Depth: 1501' originally
 Amount of Surface Pipe Set and Cemented at 60 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1501
 feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan WONG 945-10
 (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: Victor H. Dyal
 Title: Manager of Engineering Date: 9/8/2010
 Subscribed and sworn to before me this 8 day of September,
2010
 Notary Public: Mae Laughlin 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
RECEIVED
SEP 10 2010



KCC WICHITA

Operator Name: Layne Energy Operating, LLC Lease Name: Westfall Well #: 3-12
 Sec. 12 Twp. 31 S. R. 13 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="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Pawnee Lime</td> <td>1046 GL</td> <td>-60</td> </tr> <tr> <td>Excello Shale</td> <td>1168 GL</td> <td>-182</td> </tr> <tr> <td>V Shale</td> <td>1235 GL</td> <td>-249</td> </tr> <tr> <td>Mineral Coal</td> <td>1277 GL</td> <td>-291</td> </tr> <tr> <td>Mississippian</td> <td>1485 GL</td> <td>-499</td> </tr> </tbody> </table>	Name	Top	Datum	Pawnee Lime	1046 GL	-60	Excello Shale	1168 GL	-182	V Shale	1235 GL	-249	Mineral Coal	1277 GL	-291	Mississippian	1485 GL	-499
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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 Add.itives
Surface	11"	8.625"	24	122'	Class A	60	Type 1 cement
Casing	6.75"	4.5"	10.5	1501'	Thick Set	150	#10 KOL seal @ sx

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 1400'		

TUBING RECORD		Size 2-3/8"	Set At 1348'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 5/12/2010			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. 2	Gas Mcf >1	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval Cherokee Coals and Cattleman Sands Oil & Gas Well **RECEIVED**

SEP 10 2010
KCC WICHITA

Layne Energy Operating, LLC #33365



WESTFALL 3-12
NE NW 12 - 31S - 13E MONTGOMERY COUNTY, KANSAS
15-125-31377-00-01

<i>Stage #</i>	<i>Perforation Record</i>	<i>Acid, Fracture, Shot, Cement Squeeze Record</i>
Stage 1 10/30/2007	Riverton 1457' - 1458.5'	200 HCl (15%) (gal) 2351 Sand (20/40) (lbs) 245 Water (bbls)
Stage 2 10/31/2007	Neutral 1410' - 1411.5'	200 HCl (15%) (gal) 235 Water (bbls) 2482 Sand (20/40) (lbs)
Stage 3 10/31/2007	Bevier 1217.5' - 1219' Croweburg 1235.5' - 1238' Mineral 1277' - 1278.5'	500 HCl (15%) (gal) 633 Water (bbls) 8581 Sand (20/40) (lbs)
Stage 4 10/31/2007	Mulky Coal 1169' - 1171.5' Summit 1154' - 1155.5'	500 HCl (15%) (gal) 590 Water (bbls) 9049 Sand (20/40) (lbs)
<u>Recompletion 15-125-31377-00-01</u>		
Stage 5 5/10/2010	Cattleman Sand 1315' - 1324'	264 Water (bbls) 300 HCl (15%) (gal) 3000 Sand (20/40) (lbs) 6000 Sand (12/20) Brown

RECEIVED
SEP 10 2010
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