

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

9/11/12

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) 748-3980  
 Contractor: Name: Thornton Air Rotary  
 License: 33606  
 Wellsite Geologist: \_\_\_\_\_  
 Designate Type of Completion: (Oil & Gas well)  
 \_\_\_\_\_ 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: 1/10/2007 Original Total Depth: 1520'  
 \_\_\_\_\_ Deepening  Re-perf. \_\_\_\_\_ Conv. to Enhr./SWD  
 Plug Back CIBP 1420' Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No. \_\_\_\_\_  
 \_\_\_\_\_ Dual Completion Docket No. \_\_\_\_\_  
 \_\_\_\_\_ Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
 5/6/2010 \_\_\_\_\_ 5/6/2010 \_\_\_\_\_  
 Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or \_\_\_\_\_  
 Recompletion Date \_\_\_\_\_ Recompletion Date \_\_\_\_\_

API No. 15 - 125-30961-00-01 Corrected  
 County: Montgomery  
 \_\_\_\_\_ SW NE Sec. 1 Twp. 31 S. R. 13  East  West  
1983 feet from S /  (circle one) Line of Section  
2182 feet from  (circle one) E W Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one)  NE SE NW SW  
 Lease Name: Tull Well #: 7-1  
 Field Name: Cherokee Basin Coal Area  
 Producing Formation: Cherokee Coals & Cattleman Sands  
 Elevation: Ground: 996' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1520' Plug Back Total Depth: 1456' originally  
 Amount of Surface Pipe Set and Cemented at 43 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1456  
 feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan W0139-1870  
 (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,  
 20 10.  
 Notary Public: MacLaughlin Darline  
 Date Commission Expires: 1-4-2013



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 Distribution  
**RECEIVED**  
**SEP 10 2010**

KCC WICHITA

Operator Name: Layne Energy Operating, LLC Lease Name: Tull Well #: 7-1  
 Sec. 1 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  Yes  No  
*(Attach Additional Sheets)*

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
*(Submit Copy)*

List All E. Logs Run:

Compensated Density Neutron  
 Dual Induction

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Pawnee Lime	1051 GL	-55
Excello Shale	1165 GL	-169
V Shale	1233 GL	-237
Mineral Coal	1274 GL	-278

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	# Sacs Used	Type and Percent Additives
Surface	11"	8.625"	24	43'	Class A	8	Type 1 cement
Casing	6.75"	4.5"	10.5	1456'	Thick Set	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 <i>(Amount and Kind of Material Used)</i>	Depth
	See Attached		
	CIBP 1420'		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	1460'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
Pending			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	0	0		

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

METHOD OF COMPLETION  Open Hole  Perf.  Dualy Comp.  Commingled Cherokee Sands & Cattleman Sands

Production Interval  Other (Specify) \_\_\_\_\_

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# Layne Energy Operating, LLC #33365



TULL 7-1  
SW NE 1 - 31S - 13E MONTGOMERY COUNTY, KANSAS  
15-125-30961-00-01

<i>Stage #</i>	<i>Perforation Record</i>	<i>Acid, Fracture, Shot, Cement Squeeze Record</i>
<hr/>		
Stage 1 1/10/2007	Bevier 1215' - 1216' Croweburg 1232.5' - 1235.5' Mineral 1274' - 1275.5' Tobo 1339' - 1340.5'	447 Water (bbls) 5400 Sand (20/40) (lbs) 800 HCl (15%) (gal)
<hr/>		
Stage 2 1/11/2007	Laredo 926.5' - 928' Mulky Coal 1165' - 1169.5' Summit 1151' - 1154.5'	4100 Sand (20/40) (lbs) 440 Water (bbls) 950 HCl (15%) (gal)
<hr/>		
Recompletion 15-125-30961-00-01		
Stage 3 5/8/2010	Cattleman Sand 1292' - 1298'	

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