

**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: \_\_\_\_\_

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: \_\_\_\_\_

Well Name: \_\_\_\_\_  
Original Comp. Date: 1/7/2004 Original Total Depth: 1165'  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back CIBP 1046' Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

<u>1/13/2006</u>	<u>2/9/2006</u>
Spud Date or Recompletion Date	Completion Date or Recompletion Date

API No. 15 - 125-30394-00-01 Corrected  
County: Montgomery  
w/2 SW SE Sec. 28 Twp. 32 S. R. 16  East  West  
680 feet from  S/ N (circle one) Line of Section  
2101 feet from  E/ W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE  SE NW SW  
Lease Name: Thompson Well #: 15-28  
Field Name: Cherokee Basin Coal Gas Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 771' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1165' Plug Back Total Depth: 1145'  
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 1151  
feet depth to Surface w/ 145 <sup>sq cm.</sup>

**Drilling Fluid Management Plan**  
(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.: \_\_\_\_\_

*CO-Dr-7/22/09*

**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: *MB*  
Title: Agent Date: 5/12/2006  
Subscribed and sworn to before me this 12<sup>th</sup> day of May  
20 06  
Notary Public: *[Signature]*  
Date Commission Expires: 10/14/2006

**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

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**JUN 26 2009**



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Operator Name: Layne Energy Operating, LLC Lease Name: Thompson Well #: 15-28  
 Sec. 28 Twp. 32 S. R. 16  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**

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	498 GL	273
Excello Shale	654 GL	117
V Shale	704 GL	67
Weir Pitt	850 GL	-79
Mississippian	1066 GL	-295

**CASING RECORD**  New  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	11-1/2 "	8.625 "	23	20'	Class A	5	Cacl2 3%
Casing	7-7/8 "	5.5 "	15.5	1151'	Thixotropic + Gilsenite	145	

**ADDITIONAL CEMENTING / SQUEEZE RECORD**

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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
	<u>See Attached Page</u>		
	<u>CIBP 1046'</u>		

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TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	<u>2-3/8"</u>	<u>1022'</u>						
Date of First Resumerd Production, SWD or Enhr.	Producing Method							
<u>2/19/2006</u>	<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	Bbbls.	Gas	Mcf	Water	Bbbls.	Gas-Oil Ratio	Gravity
	<u>0</u>		<u>8</u>		<u>36</u>			

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.	<input checked="" type="checkbox"/> Commingled	
<i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Other (Specify)			

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Thompson 15-28		
	Sec. 28 Twp. 32S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-30394 - 00 - 01		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
Original Perforations			
4	1054-1057	Riverton 600g 15% HCL+234B Water+1365# 20/40 Sand	1054-1057
4	998-1000	Rowe-600g 15% HCL+240B Water+1575# 20/40 Sand	998-1000
4	869-871, 816-818, 743-745	Blue Jacket, Weir, Mineral-200gal 15% HCL, 500B Water+4725# 20/40 Sand	743-871
4	715-717, 707-708.5	Fleming, Croweburg - 600g 15% HCL+370B Water+2100# 20/40 Sand	707-717
4	678-680, 683-685	Iron Post, Bevier-600g 15% HCL+370B Water+3150# 20/40 Sand	678-685
4	656-660, 627-630	Mulky, Summit-800g 15% HCL+400B Water+3620# 20/40 Sand	627-660
New Perforations			
4	678-680, 656-660, 652-656.5	Ironpost, Bevier, Mulky - 4200# 20/40 sand, 1300 gal 15% HCl acid, 359 bbls wtr	652-680

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