

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

8/24/09

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 **KCC**  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: AUG 24 2007  
Operator Contact Person: M. Brent Natrass **CONFIDENTIAL**  
Phone: (913) 748-3960  
Contractor: Name: Well Refined Drilling Company  
License: 33072

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: Quest Cherokee, LLC

Well Name: \_\_\_\_\_  
Original Comp. Date: 6/10/2004 Original Total Depth: 1165'  
\_\_\_\_ 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. \_\_\_\_\_

5/4/2007 5/8/2007  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 125-30550-00-01  
County: Montgomery  
\_\_\_\_ NE NE Sec. 10 Twp. 32 S. R. 16  East  West  
660 feet from S / **(N)** (circle one) Line of Section  
800 feet from **(E)** W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) **(NE)** SE NW SW  
Lease Name: Housel Charles H Well #: 10-1  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 842' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1165' Plug Back Total Depth: 1163'  
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 1163  
feet depth to Surface w/ 149 sx cmt.

Drilling Fluid Management Plan WD NJ 34-09  
(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: M. Brent Natrass

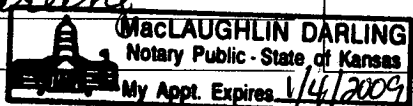
Title: Agent Date: 8/24/07

Subscribed and sworn to before me this 24 day of August

20 07

Notary Public: MacLaughlin Darling

Date Commission Expires: 1/4/2009



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**AUG 27 2007**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Housel Charles H Well #: 10-1  
 Sec. 10 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 <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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>173 GL</td> <td>676</td> </tr> <tr> <td>Oswego Lime</td> <td>251 GL</td> <td>598</td> </tr> <tr> <td>Verdigris Lime</td> <td>407 GL</td> <td>442</td> </tr> <tr> <td>Mississippi Lime</td> <td>790 GL</td> <td>59</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	173 GL	676	Oswego Lime	251 GL	598	Verdigris Lime	407 GL	442	Mississippi Lime	790 GL	59
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KCC

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	12.25"	8.625"	24.75	20'	"A"	4	
Casing	6.75"	4.5"	10.5	1163'	"A"	149	

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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		

TUBING RECORD Size <u>2-3/8"</u> Set At <u>1104'</u> Packer At _____ Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date of First, Resumerd Production, SWD or Enhr. <u>5/30/2007</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>8</u> Water Bbls. <u>5</u> Gas-Oil Ratio _____ Gravity _____	

Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval RECEIVED KANSAS CORPORATION COMMISSION AUG 27 2007
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<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Housel Charles H 10-1		
	Sec. 10 Twp. 32S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-30550-00-01		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Recompletion Perforations (5/2007)</b>			
4	Riverton 1098' - 1100' Rowe 1039.5' - 1041' Bluejacket 924.5' - 926' Weir 875' - 877.5'	4700 lbs 20/40 sand 460 bbls water 900 gals 15% HCl acid	875' - 1100'
4	Mineral 792.5' - 795' Croweburg 751' - 755.5' Bevier 728' - 730.5'	7100 lbs 20/40 sand 583 bbls water 1100 gals 15% HCl acid	728' - 795'

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