

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

11/5/09

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: McPherson Drilling  
License: 5675  
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: Colt Energy, Inc.

Well Name: Keck 5 *5/8/2000*  
Original Comp. Date: 9/30/2000 Original Total Depth: 1155'

\_\_\_\_ Deepening  Re-perf. \_\_\_\_ Conv. to Enhr./SWD  
\_\_\_\_ Plug Back Unknown Plug Back Total Depth

Commingled Docket No. \_\_\_\_\_

\_\_\_\_ Dual Completion Docket No. \_\_\_\_\_

\_\_\_\_ Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

<u>8/8/2007</u>	<u>8/10/2007</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-29965-00-02

County: Montgomery

\_\_\_\_ SE \_\_\_\_ SE \_\_\_\_ SE Sec. 14 Twp. 32 S. R. 16  East  West

330 feet from  N (circle one) Line of Section

330 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE  SE NW SW

Lease Name: Keck Well #: 5

Field Name: Brewster

Producing Formation: Weir Coal / Riverton

Elevation: Ground: Unknown Kelly Bushing: \_\_\_\_\_

Total Depth: 1155' Plug Back Total Depth: \_\_\_\_\_

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 1155

feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan *NO DLG 9-26-08*  
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 80 bbls

Dewatering method used Pump Out Push In

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: 11-5-07

Subscribed and sworn to before me this 5 day of November

20 07

Notary Public: *MacLaughlin Darling*

Date Commission Expires: 1-4-2009



KCC Office Use ONLY

Letter of Confidentiality Attached

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

\_\_\_\_ Wireline Log Received KANSAS CORPORATION COMMISSION

\_\_\_\_ Geologist Report Received

\_\_\_\_ UIC Distribution

NOV 06 2007

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Keck Well #: 5  
 Sec. 14 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  See Original Drillers Log    <div style="text-align: right;"> <b>RECEIVED</b>                      KANSAS CORPORATION COMMISSION   <b>NOV 06 2007</b>                       CONSERVATION DIVISION                      WICHITA, KS                 </div>
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CASING RECORD <input type="checkbox"/> New <input checked="" 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"	8-5/8"	35	20'	Portland A	4	
Production	6-3/4"	4-1/2"		1151.65'	50/50 Pozmix	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 (Amount and Kind of Material Used)	Depth
	See Attached Page		

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>1129'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>8/14/2007</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>60</u>	Water Bbls. <u>7</u>	Gas-Oil Ratio	Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
*(If vented, Submit ACO-18.)*  Other (Specify) \_\_\_\_\_

# CONFIDENTIAL

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Keck 5		
	Sec. 14 Twp. 32S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-29965-00-02		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Initial Perforations (5/2000)</b>			
4	Riverton 1109' - 1114'	15 sxs 12/20 sand 600 bbls water 375 gals 15% HCl acid 150 gals 15% HCl acid -- spot	1109' - 1114'
<b>1st Recompletion Perforations (11/2000)</b>			
4	Weir 903.5' - 908.5'	35 sxs 20/40 sand 560 bbls water	903.5' - 908.5'
<b>2nd Recompletion Perforations (8/2007)</b>			
4	Mineral 817' - 820' Croweburg 777' - 780'	9000 lbs 16/30 sand 526 bbls water 400 gals 15% HCl acid	777' - 820'
4	Mulky 725' - 730' Summit 698' - 700'	17000 lbs 16/30 sand 672 bbls water 400 gals 15% HCl acid	698' - 730'

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WICHITA, KS