

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

**CONFIDENTIAL**

Operator: License # 33365  
Name: Layne Energy Operating, LLC  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: Colt Pipeline, LLC  
Operator Contact Person: M. B. Natrass  
Phone: (913) 748-3971  
Contractor: Name: Layne Christensen Canada, Ltd.  
License: 32999  
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: LAYNE ENERGY OPERATING LTD  
Well Name: HEINS S-19

Original Comp. Date: 10-28-03 Original Total Depth: 1100  
\_\_\_\_ 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. \_\_\_\_\_

6/2/2005 8/9/03 6/9/2005  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 125-30386-00-01  
County: Montgomery  
SW\_NW \_\_\_\_ Sec. 19 Twp. 32 S. R. 17  East  West  
2008 feet from S (N) (circle one) Line of Section  
605 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Heins Well #: 5-19  
Field Name: Coffeyville-Cherryvale  
Producing Formation: Cherokee Coals  
Elevation: Ground: 771 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1100 Plug Back Total Depth: 1085  
Amount of Surface Pipe Set and Cemented at 40 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1091  
feet depth to Surface w/ 145 sx cmt.  
Alt II with S-16-06

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content n/a ppm Fluid volume 140 bbls  
Dewatering method used n/a air drilled  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: Colt Energy, Inc.  
Lease Name: Dodds License No.: 5150  
Quarter SE Sec. 9 Twp. 32 S. R. 16  East  West  
County: Montgomery Docket No.: D-27774

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WICHITA, KS

**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 Natrass  
Title: Agent Date: 9/20/05  
Subscribed and sworn to before me this 20<sup>th</sup> day of September  
20 05  
Notary Public: [Signature]  
Date Commission Expires: 10/14/2008

**KCC Office Use ONLY**  
YES Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
\_\_\_\_ Wireline Log Received  
\_\_\_\_ Geologist Report Received  
\_\_\_\_ UIC Distribution

**MARGARET ALLEN**  
Notary Public - State of Kansas  
My Appt. Expires 10/14/2008

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Side Two

Operator Name: Layne Energy Operating, LLC Lease Name: Heins Well #: 5-19
Sec. 19 Twp. 32 S. R. 17 [X] 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 [X] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [ ] Yes [X] No
Electric Log Run [X] Yes [ ] No
List All E. Logs Run:
Compensated Density Neutron
Dual Induction
[X] Log Formation (Top), Depth and Datum [ ] Sample
Name Top Datum
Pawnee Lime 450 GL 321
Excello Shale 600.8 GL 170.20
V Shale 654 GL 117
Weir-Pitt Coal 784 GL -13
Mississippian 1014 GL -243

CASING RECORD [X] New [ ] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

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
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TUBING RECORD Size Set At Packer At Liner Run [ ] Yes [X] No
2 7/8 1019' none
Date of First, Resumerd Production, SWD or Enhr. 6/11/2005
Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (Explain)
Estimated Production Per 24 Hours Oil Bbls. 0 Gas Mcf 0 Water Bbls. 77 Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
[ ] Vented [X] Sold [ ] Used on Lease [ ] Open Hole [X] Perf. [ ] Dually Comp. [ ] Commingled Weir-Pitt Coal
(If vented, Submit ACO-18.) [ ] Other (Specify)

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ORIGINAL

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Heins 5-19		
	Sec. 19 Twp. 32S Rng. 17E, Montgomery County		
<b>API:</b>	15-125-30386		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	784.2-788.2	Weir - 500g 15% HCL+345B 2%KCL Wtr+3647# 20/40 Sand	784.2-788.2
New Perforations			
4	1001-1003', 945-946.5', 775-776'	Riverton, Rowe, Tebo - 1,500gal 15% HCL+ 3,980bbls water+ 3,700# 20/40 Sand	775-1003
4	719-720, 700.5-702, 668.5-669.5, 654-656	Scammon, Mineral, Flemming, Croweberg -1,200gal 15% HCL+ 441bbls Water+ 3,800# 20/40 sand	654-720
4	629.5-631.5, 600.5-605.5, 573.5-578.5, 486-487	Ironpost, Mulkey, Summit, Lexington - 2,300gal 15% HCL+ 441bbls Water+ 3,800# 20/40 sand	486-631.5

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