

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

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: Colt Pipeline, LLC  
Operator Contact Person: Melissa Thieme  
Phone: ( 913 ) 748-3971  
Contractor: Name: Layne Christensen Canada, Ltd.  
License: 32999  
Wellsite Geologist: Jim Stegeman

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expi., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 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. \_\_\_\_\_

May 26, 2003      June 3, 2003      11/20/03  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 125-30224  
County: Montgomery  
SE SW Sec. 16 Twp. 31 S. R. 17  East  West  
1056 feet from (S) / N (circle one) Line of Section  
2092 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Pierce Well #: 16-1  
Field Name: Coffeyville-Cherryvale


Producing Formation: Cherokee Coals  
Elevation: Ground: 840 Kelly Bushing: 843  
Total Depth: 1094 Plug Back Total Depth: 1070  
Amount of Surface Pipe Set and Cemented at 48 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1070  
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan Alt II with  
(Data must be collected from the Reserve Pit) 26-07  
Chloride content N/A ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used N/A - Air Drilled

Location of fluid disposal if hauled offsite: **RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
Operator Name: \_\_\_\_\_ **OCT 07 2004**  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. **CONSERVATION DIVISION**  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_ **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: [Signature]  
Title: Agent Date: 4/28/04  
Subscribed and sworn to before me this 28th day of April,  
2004.  
Notary Public: Melissa Thieme  
Date Commission Expires: 6/20/05

 **MELISSA THIEME**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 6/20/05

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

Operator Name: Layne Energy Operating, LLC Lease Name: Pierce Well #: 16-1  
 Sec. 16 Twp. 31 S. R. 17  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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	428 GL 412
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	550 GL 290
List All E. Logs Run:		Mulky	555 GL 285
Compensated Density Neutron		Riverton	976 GL -136
Dual Induction		Mississippian	985 GL -145

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 1/2	8.65	23	48	Class A	20	cacl2 3%
Casing	7 7/8	5.5	15.5	1070	Thixotropic + Gilsontite	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				

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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
4	976-979, 904-905.5	500g 15% HCL, 125B 1% KCL Water, 3150# 20/40 Sand	904-979
4	869-871, 872-874, 881-883	750g 15% HCL, 431B 1% KCL Water, 5124# 20/40 Sand	869-883
4	550-557, 529-532	750g 15% HCL, 385B 1% KCL Water, 3700# 20/40 Sand	529-557
4	464-467	650g 15% HCL, 223B 1% KCL Water, 1575# 20/40 Sand	464-467

TUBING RECORD	Size <b>2 7/8</b>	Set At <b>1033'</b>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>4/13/04</b>	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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		<b>0</b>	<b>180</b>	

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

Production Interval Rowe, Riverton, Drywood, Lexington, Summit, Mulky

# GEOLOGIC REPORT

LAYNE CHRISTENSEN CANADA, LTD.  
Pierce 16-1  
¼SE, ¼SW, 1056' FSL, 2092' FWL  
Section 16-T31S-R17E  
MONTGOMERY COUNTY, KANSAS

Drilled: May 26-June 2, 2003  
Logged: June 3, 2003  
A.P.I.# 15-125-30224-00-00  
Ground Elevation: 840'  
Kelly Bushing Elevation: 843'  
Depth Driller: 1090'  
Depth Logger: 1085'  
Drilled with Air from surface to TD  
Drilled with Water, N.A.  
Surface Casing: 8.65" @ 48'  
Production Casing: 5.5" @ 1070'  
Cemented by Blue Star  
Open Hole Logs (Osage Wireline) : High Resolution Compensated Density  
Neutron; Dual Induction SFL/GR

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## FORMATION

## TOPS (in feet below ground level)

Kansas City Group	Surface (Nellie Bly Formation)
Lenapah Lime	234
Altamont Lime	275
Mulberry	Absent
Pawnee Lime	429
Anna Shale	453
Lexington Coal	464
Peru Sand Stone	481
First Oswego	518
Summit Coal/Little Osage	529
Excello Shale	550
Mulky Coal	555
Squirrel Sand or Equiv.	594
Rowe Coal	870
Riverton Coal	976
Mississippian	985

**BLUE STAR  
ACID SERVICE, INC.**

PO Box 103  
Eureka, Kansas 67045

Cementing Ticket  
and Invoice Number

**No. 4562**

Date <b>6-3-03</b>	Customer Order No.	Sect. <b>16</b>	Twp. <b>31S</b>	Range <b>17E</b>	Truck Called Out	On Location <b>10:45 AM</b>	Job Began <b>1:45 PM</b>	Job Completed <b>2:30 PM</b>
Owner <b>SHAWNEE OIL &amp; GAS LLC</b>		Contractor <b>Layne Christensen Co.</b>			Charge To <b>SHAWNEE OIL &amp; GAS LLC</b>			
Mailing Address <b>106 West 14<sup>th</sup> 7<sup>th</sup> Floor</b>		City <b>KANSAS CITY</b>			State <b>MO. 64105</b>			
Well No. & Form <b>Pierce # 16-1</b>		Place <b>Montgomery #8</b>			State <b>Ks</b>			
Depth of Well <b>1094'</b>	Depth of Job <b>1070'</b>	Casing <input checked="" type="checkbox"/> New <input type="checkbox"/> Used	Size <b>5 1/2"</b>	Weight <b>15.5#</b>	Size of Hole Amt. and Kind of Cement <b>150 SKS</b>	Cement Left in casing by	Request Necessity <b>10' test</b>	
Kind of Job <b>Longstring</b>					Drillpipe	<input checked="" type="checkbox"/> Rotary Cable		
					Tubing	Truck No. <b># 21</b>		

Price Reference No.	<b># 1</b>
Price of Job	<b>665.00</b>
Second Stage	
Mileage	<b>60 @ 135.00</b>
Other Charges	
Total Charges	<b>800.00</b>

Remarks **Safety Meeting: Rig up to 5 1/2" casing. Break Circulation. Pump 10 Bbl Fresh water, 5 Bbl 5-25 Ppc Flush, 5 Bbl Fresh water Spacer. Mixed 150 SKS Thick Set Cement with 10" Gilsomite per/bk @ 13.5# per/gal. Shut down. Wash out Pump & Lines. Release Plug. Displace with 25.0 Bbl Fresh water, @ 2 BPM. Final Pumping Pressure 500 PSI. Bump Plug to 1150 PSI. Wait 3 minutes. Check Float. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to Surface = 12 Bbl Slurry = 38 SKS. Job Complete. Rig down.**

Cementor **Kevin McCoy**  
 Helper **Mike, Justin, Jason** District **EUREKA** State **Ks**  
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.  
**Thank You** *Kevin McCoy* Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
150 SKS	Thick Set Cement	10.75	1612.50
1500 "	Gilsomite 10" per/bk	.30	450.00
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50"	Melashikate 5-25 Ppc Flush	1.00 "	50.00
CONSERVATION DIVISION WICHITA, KS			
3 Hrs	80 Bbl VAC TRUCK	60.00	180.00
1	Lead City Water	30.00	30.00
KCC SEP 19 2003			
1	5 1/2 AFU INSERT Flap Valve	92.00	92.00
1	5 1/2 Guide Shoe	85.00	85.00
1	5 1/2 Top Rubber Plug	40.00	40.00
		150 SKS Handling & Dumping	.50
		8.25 hrs Mileage 60	.80
		Sub Total	3800.50
Delivered by # 22 Truck No.		Discount	
Delivered from EUREKA		Sales Tax	6.3%
Signature of operator <i>Kevin McCoy</i>		Total	239.43
			4039.93

**BLUE STAR  
ACID SERVICE, INC.**

PO Box 103  
Eureka, Kansas 67045

Cementing Ticket  
and Invoice Number

**Nº 4548**

Date <b>5-26-03</b>	Customer Order No.	Secl. <b>16</b>	Wp. <b>31</b>	Range <b>17E</b>	Truck Called Out <b>-</b>	On Location <b>2:00pm</b>	Job Began <b>4:30pm</b>	Job Completed <b>5:00pm</b>
Owner <b>Colt Energy, Inc.</b>		Contractor <b>Layne Christensen</b>			Charge To <b>Colt Energy, Inc.</b>			
Mailing Address <b>P.O. Box 388</b>		City <b>Topeka</b>			State <b>Kansas 66749</b>			
Well No. & Form <b>Pierce # 16-1</b>		Place			County <b>Montgomery</b>		State <b>Kansas</b>	
Depth of Well <b>48'</b>	Depth of Job <b>50'</b>	Casing <b>(New)</b>	Size <b>8 5/8"</b>	Weight	Size of Hole Ann. and Kind of Cement <b>11 1/2" 20-sks</b>	Cement Left in casing by	Necessity <b>10'</b> test	
Kind of Job <b>Surface Pipe</b>					Drillpipe	Rotary	Truck No. <b>#25</b>	

Price Reference No. \_\_\_\_\_  
 Price of Job **425.00**  
 Second Stage \_\_\_\_\_  
 Mileage **1/4 - Truck Infield**  
 Other Charges \_\_\_\_\_  
 Total Charges **425.00**

Remarks: **Safety Meeting: Rig up to 8 5/8" casing, break circulation with fresh water. Mixed 20sks Reg. cement / 3% CAC12. Displace cement with 24 1/2 bbl water. Shutdown, close casing in.**

**Job complete with good cement returns.**

Cementer **Brad Butler**  
 Helper **Rick - Steve - Jim** District **Eureka** State **Kansas**  
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below

*[Signature]*  
Agent of contractor or operator

**"Thank You"**

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
<b>20</b>	<b>sks Regular - class A cement</b>	<b>7.25</b>	<b>155.00</b>
<b>55</b>	<b>lbs CAC12 3%</b>	<b>.35</b>	<b>19.25</b>
<p><b>RECEIVED</b>                  KANSAS CORPORATION COMMISSION  <b>OCT 07 2004</b>                  CONSERVATION DIVISION                  WICHITA, KS</p> <p><b>KCC</b>                  SEP 19 2003  <b>CONFIDENTIAL</b></p>			
Plugs		<b>20sks Handling &amp; Dumping</b>	<b>10.00</b>
		Mileage <b>minimum charge</b>	<b>60.00</b>
		Sub Total	<b>669.25</b>
Delivered by Truck No. <b>#22</b>		Discount	
Delivered from <b>Eureka</b>		Sales Tax <b>6.3%</b>	<b>42.16</b>
Signature of operator <b>Brad Butler</b>		Total	<b>711.41</b>