

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

4-20-08  
Form ACO-1  
September 1999  
Form Must Be Typed

AMENDED

Operator: License # 33365  
Name: Layne Energy Operating, LLC  
Address: 1900 Shawnee Mission Pkwy  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: \_\_\_\_\_  
Operator Contact Person: M. B. Natrass  
Phone: ( 913 ) 748-3987  
Contractor: Name: Thornton Air Rotary  
License: 33606

KCC  
APR 20 2006  
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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: \_\_\_\_\_  
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. \_\_\_\_\_  
12/27/2005      12/28/2005      9/27/2006  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 205-26261-00-00  
County: Wilson  
SE NW NW SE Sec. 19 Twp. 30 S. R. 16  East  West  
2230 feet from  N (circle one) Line of Section  
2080 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Bailey B&B Well #: 10-19  
Field Name: Neodesha  
Producing Formation: Cherokee Coals  
Elevation: Ground: 798' Kelly Bushing: \_\_\_\_\_  
Total Depth: 901' Plug Back Total Depth: 886'  
Amount of Surface Pipe Set and Cemented at 63' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate completion, cement circulated from 893'  
feet depth to Surface w/ 95 \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AH-II NH 6-5-08  
(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: MS [Signature]  
Title: Agent Date: 1/12/07  
Subscribed and sworn to before me this 12 day of January  
01  
Notary Public: [Signature]  
Date Commission Expires: 12/28/09

NOTARY PUBLIC - State Of Kansas  
BROOKE C. MAXFIELD  
My Appt. Exp. 12/28/09

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

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 16 2007  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Bailey B&B Well #: 10-19  
 Sec. 19 Twp. 30 S. R. 16  East  West County: Wilson

**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

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Name	Top	Datum
Pawnee Lime	565 GL	233
Excello Shale	679 GL	119
V Shale	742 GL	56
Mineral Coal	780 GL	18

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	11	8.65	24	63'	Class A	75	Type 1 cement
Casing	6.75	4.5	10.5	893'	Thick Set	95	

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		

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**JAN 16 2007**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 3/8"	807'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumerd Production, SWD or Enhr.			Producing Method				
11/10/2006			<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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity		
	0	11	36				

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)

**Operator Name:** Layne Energy Operating, LLC.  
**Lease Name:** Bailey B&B 10-19  
Sec. 19 Twp. 30S Rng. 16E, Wilson County  
**API:** 15-205-26261

<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	779.5-781, 742-744.5, 721.5-723.5	Mineral, Croweburg, Bevier-6900# 20/40 sand, 443 bbls wtr, 600 gal 15% HCl acid	721.5-781
4	678.5-684.5, 662-667.5	Mulky, Summit-10,300# 20/40 sand, 594 bbls wtr, 1150 gal 15% HCl acid	662-684.5

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KANSAS CORPORATION COMMISSION  
JAN 16 2007  
CONSERVATION DIVISION  
WICHITA, KS

**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

Operator: License # 33698  
Name: Colt Natural Gas, LLC  
Address: 4350 Shawnee Mission Parkway  
City/State/Zip: Fairway, KS 66205  
Purchaser: \_\_\_\_\_ **KCC**  
Operator Contact Person: M. B. Natrass  
Phone: ( 913 ) 748-3987 **APR 20 2006**  
Contractor: Name: Thornton Air Rotary **CONFIDENTIAL**  
License: 33606

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: \_\_\_\_\_ 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. \_\_\_\_\_

12/27/2005    12/28/2005    12-28-05  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 205-26261-00-00  
County: Wilson  
SE NW NW SE Sec. 19 Twp. 30 S. R. 16  East  West  
2230 feet from  N (circle one) Line of Section  
2080 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Bailey B&B Well #: 10-19

Field Name: Neodesha  
Producing Formation: Cherokee Coals  
Elevation: Ground: 798' Kelly Bushing: \_\_\_\_\_  
Total Depth: 901' Plug Back Total Depth: 886'  
Amount of Surface Pipe Set and Cemented at 63' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 893'  
feet depth to Surface w/ 95 sx cmt.

**Drilling Fluid Management Plan** Alt II N# 6-5-08  
(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. \_\_\_\_\_  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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**KANSAS CORPORATION COMMISSION**  
**APR 21 2006**  
**CONSERVATION DIVISION**  
**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: 4/30/06  
Subscribed and sworn to before me this 20th day of April,  
2006  
Notary Public: Robert C. Maxwell

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

APR 20 2006

Operator Name: Colt Natural Gas, LLC

Lease Name: Bailey B&B

Well #: 10-19  
**CONFIDENTIAL**

Sec. 19 Twp. 30 S. R. 16  East  West

County: Wilson

**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

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

Pawnee Lime 565 GL 233

Excello Shale 679 GL 119

V Shale 742 GL 56

Mineral Coal 780 GL 18

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	8.65	24	63'	Class A	75	Type 1 cement
Casing	6.75	4.5	10.5	<del>896'</del> 893'	Thick Set	<del>105</del> 95	

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
	SI - Waiting on completion		

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APR 21 2006

CONSERVATION DIVISION  
WICHITA, KS

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
SI - Waiting on pipeline	<input type="checkbox"/> Flowing <input 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

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)

KCC

APR 20 2006

TICKET NUMBER 08046

INSOLIDATED OIL WELL SERVICES, INC.

D. BOX 884, CHANUTE, KS 66720

0-431-9210 OR 800-467-8676

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LOCATION Eureka

FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
- 28-05	4758	Bailey 10-19				Wilson																
STOMER Layne Energy			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>463</td> <td>Alan</td> <td></td> <td></td> </tr> <tr> <td>442</td> <td>Rick P.</td> <td></td> <td></td> </tr> <tr> <td>452/163</td> <td>Larry</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	463	Alan			442	Rick P.			452/163	Larry		
TRUCK #	DRIVER	TRUCK #					DRIVER															
463	Alan																					
442	Rick P.																					
452/163	Larry																					
BILLING ADDRESS P.O. Box 160																						
STATE Ks.		ZIP CODE																				
SYCAMORE																						

B TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 901' CASING SIZE & WEIGHT 4 1/2" 10.5"  
 SING DEPTH 893' DRILL PIPE TUBING OTHER P8TD 886'  
 URRY WEIGHT 13.2# SLURRY VOL 29 Bbl WATER gal/sk 8# CEMENT LEFT in CASING 6'  
 SPLACEMENT 14 Bbl DISPLACEMENT PSI 400 PSI Bump Plug to 1000 RATE

MARKS: Safety Meeting: Rig up to 4 1/2" casing Break Circulation w/ 20 Bbl Fresh Water. Pump 10 Bbl Gel Flush, 5 Bbl spacer, 1 sk Metacilliate Pre flush. Mixed 95 sks Thick Set Cement w/ 10# Kol-Seal Pw/sk @ 13.2# Pw/sk. Wash out Pump + lines. Shut Down. Released Plug. Displaced w/ 14 Bbl water. Final Pump Pressure 400 PSI. Bump Plug to 1000 PSI. Wait 2 mins Released Pressure. Float Held. Had 2 Bbl Good Cement Then Cement thined out + water started coming up from Behind Surface Pipe. Note: Surface was loose. Fluid level fell back to 15'.

Job Complete.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	in area	MILEAGE	3.15	
1126A	95 sks	Thick Set Cement	13.65	1296.75
1110A	19 sks	Kol-Seal 10# Pw/sk	17.75	337.25
1118A	4 sks	Gel - Flush	7.00	28.00
1111A	50#	Metacilliate	1.65#	82.50
5407A	5.2 tons	Ton-Mileage Bulk Truck	1.05	218.40
5501C	4 hrs.	Water Transport	98.00	392.00
1123	5000 gal	City Water	12.80	64.00
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
5605A	4 hrs.	Welder	78.00	312.00
		Sub Total		3510.90
		SALES TAX	63%	116.46
		ESTIMATED TOTAL		3627.36

Thank You!  
201114

AUTHORIZATION Called by John Ed. TITLE DATE

**GEOLOGIC REPORT**

LAYNE ENERGY  
Bailey B&B 10-19  
NW SE, 2230 FSL, 2080 FEL  
Section 19-T30S-R16E  
Wilson County, KS

KCC  
APR 20 2006  
CONFIDENTIAL

Spud Date: 12/27/2005  
Drilling Completed: 12/28/2005  
Logged: 12/28/2005  
A.P.I. #: 15-205-26261  
Ground Elevation: 798'  
Depth Driller: 902'  
Depth Logger: 896'  
Surface Casing: 8.625 inches at 63'  
Production Casing: 4.5 inches at 893'  
Cemented Job: Consolidated  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

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APR 21 2006

CONSERVATION DIVISION  
WICHITA, KS

**Formation**

Lane Shale  
Pawnee Limestone  
Excello Shale  
"V" Shale  
Mineral Coal  
Mississippian

**Tops (in feet below ground level)**

Surface (Kansas City Group)  
565  
679  
742  
780

MORNING COMPLETION REPORT

Report Called in by: : JOHN ED

Report taken by: KRD

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTD	
BAILEY B&B 10-19		C01022001500	12/27/2005	1	DEPTH	TYPE FLUID	
PRESENT OPERATION:		DRILL OUT FROM UNDER SURFACE				WT	VIS
DEEPEST CASING OD SHOE DEPTH	LINERS OD TOP & SHOE DEPTH		REPAIR DOWN TIME HRS		CONTRACTOR		
			TEST PERFS		RIG NO		
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	TO	SQUEEZED OR PLUG BACK PERFS		
				TO	TO		
				TO	TO		
				TO	TO		
				TO	TO		
HRS	BRIEF DESCRIPTION OF OPERATION						
	MIRU MCPHERSON AIR, DRILLED 11" HOLE, 63' DEEP, RIH W/ 3 JTS 8 5/8" SURFACE CASING,						
	MIRU CONSOLIDATED TO 8-5/8" CASING, BREAK CIRC W/20 BBLs FRESH WATER. WASH DOWN 7' CASING TO						
	63' TD. MIXED 75 SKS REGULAR CEMENT W/3% CALZ, 1/4# FLOCELE PER/SK @14.8# PER GAL. DISPLACE						
	W/3 BBL FRESH WATER. SHUT CASING IN (POOR FLUID RETURNS TO SURFACE. RD CONSOLIDATED. MOL.						

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 CONSERVATION DIVISION  
 WICHITA, KS

DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	4784
MISC	600

DETAILS OF RENTALS, SERVICES, & MISC

MCPHERSON DRILLING @ 6.50/ft	
CONSOLIDATED(CEMENT)	2384
DIRTWORKS (LOC,RD, PIT)	400
SURFACE CASING	600
LAND/ LEGAL	2000

DAILY TOTALS      5584      PREVIOUS TCTD      TCTD      5584