

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

**AMENDED**

**WELL COMPLETION FORM**  
**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: \_\_\_\_\_  
Operator Contact Person: M. B. Natrass  
Phone: (913) 748-3987  
Contractor: Name: Thornton Drilling  
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. \_\_\_\_\_

<u>1/3/2006</u>	<u>1/12/2006</u>	<u>4/3/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26280-00-00

County: Wilson

SE  NW  SW  NW Sec. 7 Twp. 30 S. R. 16  East  West

2292 feet from S /  (circle one) Line of Section

488 feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Lewis B&B Well #: 5-7

Field Name: Neodesha

Producing Formation: Cherokee Coals

Elevation: Ground: 1006' Kelly Bushing: \_\_\_\_\_

Total Depth: 1138' Plug Back Total Depth: 1128'

Amount of Surface Pipe Set and Cemented at 21.5' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1135'

feet depth to Surface w/ 115 sx cmt.

Drilling Fluid Management Plan DK 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. AUG 30 2006

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S.  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**AUG 30 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: MRS Natrass

Title: Agent Date: 8/28/2006

Subscribed and sworn to before me this 28 day of August

Notary Public: Brooke C. Maxfield

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

Operator Name: Layne Energy Operating, LLC Lease Name: Lewis B&B Well #: 5-7  
 Sec. 7 Twp. 30 S. R. 16  East  West County: Wilson **CONFIDENTIAL**

**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	767 GL	239
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	875 GL	131
List All E. Logs Run:		V Shale	945 GL	61
Compensated Density Neutron		Mineral Coal	981 GL	25
Dual Induction				

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	21.5'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	115'	Thick Set	115	

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 <i>(Amount and Kind of Material Used)</i>	Depth
	See Attached	<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b> <b>AUG 30 2006</b> <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>1115'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
<u>8/24/2006</u>				
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>3</u>	Water Bbls. <u>8</u>	Gas-Oil Ratio <u>          </u> Gravity <u>          </u>

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled           

Production Interval  Other (Specify)

KCC

MAY 01 2006

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**Operator Name:** Layne Energy Operating, LLC.  
**Lease Name:** Lewis B&B 5-7  
Sec. 7 Twp. 30S Rng. 16E, Wilson County  
**API:** 15-205-26280

<b>Shots per Foot</b>	<b>Perforation Record</b>
4	1096-1097.5, 981-982.5, 945-947.5, 924-926
4	874.5-879, 859-862, 763.5-764.5

<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
Weir, Mineral, Croweberg, Bevier-5100# 20/40 sand, 1300 gal 15% HCl acid, 446 bbls wtr	924-1097.5
Mulky, Summit, Mulberry-4100# 20/40 sand, 1500 gal 15% HCl acid, 444 bbls wtr	763.5-879

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KANSAS CORPORATION COMMISSION  
AUG 30 2006  
CONSERVATION DIVISION  
WICHITA, KS

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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM ORIGINAL**  
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: \_\_\_\_\_  
Operator Contact Person: M. B. Natrass  
Phone: (913) 748-3987  
Contractor: Name: Thomton Drilling  
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. \_\_\_\_\_

<u>1/3/2006</u>	<u>1/12/2006</u>	<u>4/3/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26280--DD--00  
County: Wilson  
SE 2292 NW 1806 Sec. 7 Twp. 30 S. R. 16  East  West  
488 450 feet from S /  (circle one) Line of Section  
488 450 feet from E /  (circle one) Line of Section

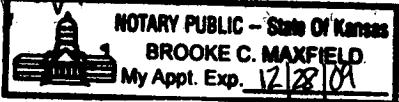
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Lewis B&B Well #: 5-7  
Field Name: Neodesha  
Producing Formation: Cherokee Coals  
Elevation: Ground: 1006' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1138' Plug Back Total Depth: 1128'  
Amount of Surface Pipe Set and Cemented at 21.5' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1135'  
feet depth to Surface w/ 115 sx cmt.

Drilling Fluid Management Plan Alt 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: RECEIVED  
KANSAS CORPORATION COMMISSION  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No. 2006  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No. WICHITA, KS

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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.B. Natrass  
Title: Agent Date: 5/1/06  
Subscribed and sworn to before me this 1st day of May  
2006  
Notary Public: Brooke C. Maxfield



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

Operator Name: Colt Natural Gas, LLC Lease Name: Lewis B&B Well #: 5-7  
 Sec. 7 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	767 GL	239
Excello Shale	875 GL	131
V Shale	945 GL	61
Mineral Coal	981 GL	25

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
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Casing	6.75	4.5	10.5	115'	Thick Set	115	

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		
		<b>RECEIVED</b> KANSAS CORPORATION COMMISSION MAY 02 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, Resumerd Production, SWD or Enhr. **SI - Waiting on pipeline** Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Lewis B&B 5-7		
	Sec. 7 Twp. 30S Rng. 16E, Wilson County		
<b>API:</b>	15-205-26280		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1096-1097.5, 981-982.5, 945-947.5, 924-926	Weir, Mineral, Croweberg, Bevier-5100# 20/40 sand, 1300 gal 15% HCl acid, 446 bbls wtr	924-1097.5
4	874.5-879, 859-862, 763.5-764.5	Mulky, Summit, Mulberry-4100# 20/40 sand, 1500 gal 15% HCl acid, 444 bbls wtr	763.5-879

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**MAY 02 2006**  
**CONSERVATION DIVISION**  
**WICHITA, KS**



CONSOLIDATED OIL WELL SERVICES,  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER 3146  
 LOCATION EUREKA  
 FOREMAN KEVIN MCCOY

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-12-06	4758	Lewis 5-7				WILSON
CUSTOMER Layne Energy			Gus Jones R112			
MAILING ADDRESS P.O. Box 160			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Sycamore			STATE KS	ZIP CODE		
			445	Rick L		
			441	LARRY		

JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 1138 CASING SIZE & WEIGHT 4 1/2 10.5 # NEW  
 CASING DEPTH 1135' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER PBTD 1128  
 SLURRY WEIGHT 13.2 # SLURRY VOL 36 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 7'  
 DISPLACEMENT 17.9 BBL DISPLACEMENT PSI 500 MIX PSI 1000 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break circulation w/ 25 BBL fresh water. Pump 4 sks Gel flush, 5 BBL water spacer, 10 BBL Metasilicate pre flush, 10 BBL Dye water. Mixed 115 sks Thick Set Cement w/ 10 # Kol-Seal perlsk @ 13.2 # per/gal, yield 1.75. Wash out pump & lines. Shut down. Release Plug. Displace w/ 17.9 BBL fresh water. Final pumping pressure 500 PSI. Bump Plug to 1000 PSI. Wait 2 minutes. Release pressure. Float held. Good Cement Returns to Surface = 7 BBL slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	0	MILEAGE 3 <sup>rd</sup> well of 4	0	0
1126 A	115 SKS	Thick Set Cement	13.65	1569.75
1110 A	23 SKS	KOL-SEAL 10" PerlSk	17.75	408.25
1118 A	4 SKS	Gel Flush	7.00	28.00
1111 A	50 #	Metasilicate pre flush	1.65 #	82.50
5407 A	6.32 TONS	40 miles BULK TRUCK	1.05	265.44
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
4311	1	4 1/2 weld on collar	50.00	50.00
5605 A	4 HRS	Welder	78.00	312.00
<b>RECEIVED</b> KANSAS CORPORATION COMMISSION				
<b>MAY 02 2006</b>				
CONSERVATION DIVISION WICHITA, KS				
		Sub Total		3555.94
		SALES TAX 6.3%		137.25
		ESTIMATED TOTAL		3693.19

Thank you 002106  
 AUTHORIZATION Called By John Ed TITLE \_\_\_\_\_ DATE \_\_\_\_\_



## GEOLOGIC REPORT

LAYNE ENERGY  
Lewis B&B 5-7  
SW NW, 2292 FNL, 488 FWL  
Section 7-T30S-R16E  
Wilson County, KS

Spud Date: 1/3/2006  
Drilling Completed: 1/12/2006  
Logged: 1/12/2006  
A.P.I. #: 15-205-26280  
Ground Elevation: 1006'  
Depth Driller: 1138'  
Depth Logger: 1133'  
Surface Casing: 8.625 inches at 20'  
Production Casing: 4.5 inches at 1135'  
Cemented Job: Consolidated  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

### Formation

Kansas City Group  
Pawnee Limestone  
Excello Shale  
"V" Shale  
Mineral Coal  
Mississippian

### Tops (in feet below ground level)

Surface (Chanute Shale)  
767  
875  
945  
981

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