

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Form ACO-1  
September 1999

Form Must Be Typed

**AMENDED**

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: Thornton Air  
License: 33606  
Wellsite Geologist: \_\_\_\_\_

**KCC**  
**MAY 10 2006**  
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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. \_\_\_\_\_

<u>12/12/2005</u>	<u>12/13/2005</u>	<u>2/15/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26224-00-00  
County: Wilson  
SE NW NE Sec. 21 Twp. 30 S. R. 16  East  West  
500 feet from S /  (circle one) Line of Section  
2220 feet from  (circle one) W Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Deer B&B Well #: 2-21

Field Name: Neodesha  
Producing Formation: Cherokee Coals  
Elevation: Ground: 833' Kelly Bushing: \_\_\_\_\_  
Total Depth: 900' Plug Back Total Depth: 889'  
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 895'  
feet depth to Surface w/ 100 sx cmt.

**Drilling Fluid Management Plan** A1+II NH 6-4-08  
(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: MB Natrass  
Title: Agent Date: 6/9/06  
Subscribed and sworn to before me this 9th day of June  
20 de  
Notary Public: Brooke C. Maxfield  
Date Commission Expires: 12/28/09

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

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



KCC

MAY 10 2006

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<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Deer B&B 2-21		
	Sec. 21 Twp. 30S Rng. 16E, Wilson County		
<b>API:</b>	15-205-26224		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	750-752.5, 729.5-731, 687-692.5, 670-673.5	Croweberg, Ironpost, Mulky, Summit - 6900# 20/40 sand, 259 bbls wtr, 2600 gal 15% HCl acid	670-752.5

04/10/08

**Layne Energy, Inc.**

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

June 9, 2006

RECEIVED  
KANSAS CORPORATION COMMISSION

JUN 12 2006

Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

**KCC**  
MAY 10 2006  
**CONFIDENTIAL**

CONSERVATION DIVISION  
WICHITA, KS

Re: Well Completion Forms

To Whom It May Concern:

I have enclosed the amended ACO-1 forms and associated data for the following wells:

API # 15-205-26255  
Ashton B&B 5-27

API# 15-205-26253  
Deer B&B 8-21

API# 15-205-26225  
Hare B&B 10-21

API# 15-205-26224  
Deer B&B 2-21

API# 15-205-26227  
Katzner B&B 13-22

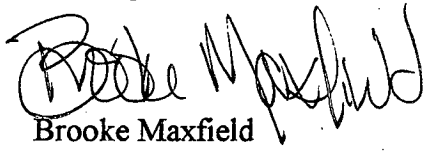
API# 15-205-26254  
Katzner B&B 3-27

API# 15-205-26229  
Hare B&B 2-28

We respectfully request that all information submitted be kept confidential and per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information or have any questions or comments, please contact me at (913) 748-3987.

Best regards,



Brooke Maxfield  
Agent

Enclosures  
Cc Well File  
Field Office  
Colt



**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**

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Operator Contact Person: M. B. Natrass  
Phone: (913) 748-3987  
Contractor: Name: Thornton Air  
License: 33606  
Wellsite Geologist: \_\_\_\_\_

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 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. \_\_\_\_\_  
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<u>12/12/2005</u>	<u>12/13/2005</u>	<u>2/15/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26224 0000  
County: Wilson  
SE NW NW NE Sec. 2 Twp. 30 S. R. 16  East  West  
500 feet from S /  (circle one) Line of Section  
2220 feet from  (circle one) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Deer B&B Well #: 2-21  
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If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 895'  
feet depth to Surface w/ 100 sx cmt.  
AFT INH 10-4-08

**Drilling Fluid Management Plan**  
(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.: \_\_\_\_\_

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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: MB Natrass  
Title: Agent Date: 4/10/06  
Subscribed and sworn to before me this 10<sup>th</sup> day of April  
20 06  
Notary Public: Brooke C. Maxfield  
Date Commission Expires: \_\_\_\_\_

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

**KCC**  
KCC Office Use ONLY **APR 10 2006**  
**CONFIDENTIAL**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: RECEIVED  
 Wireline Log Received  
 Geologist Report Received **APR 11 2006**  
 UIC Distribution  
**CONSERVATION DIVISION WICHITA, KS**

Operator Name: Colt Natural Gas, LLC Lease Name: Deer B&B Well #: 2-21  
 Sec. 2 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

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	555 GL	278
Excello Shale	687 GL	146
V Shale	750 GL	83
Mineral Coal	787 GL	46

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	40'	Class A	8	Type 1 cement
Casing	6.75	4.5	10.5	895'	Thick Set	100	

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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TUBING RECORD		Size	Set At	Packer At	Liner Run	Production Interval	
		2 3/8"	810'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumerd Production, SWD or Enh.			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  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

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

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**APR 11 2006**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Deer B&B 2-21		
	Sec. 21 Twp. 30S Rng. 16E, Wilson County		
<b>API:</b>	15-205-26224		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	750-752.5, 729.5-731, 687-692.5, 670-673.5	Croweberg, Ironpost, Mulky, Summit - 6900# 20/40 sand, 259 bbls wtr, 2600 gal 15% HCl acid	670-752.5

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WICHITA, KS

MORNING COMPLETION REPORT

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Report Called in by: : JOHN ED

Report taken by: KRD

LEASE NAME & #	AFE#	DATE	DAYS	CIBP	PBTD
DEER B & B 2-21	C01022000400	12/12/2005	1	DEPTH	TYPE FLUID
PRESENT OPERATION:					WT
DRILL OUT FROM UNDER SURFACE					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 THORNTON ROTARY, DRILLED 11" HOLE, 40' DEEP, RIH W/ 2 JT 8 5/8" SURFACE CASING.				
	SDFN.				

DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2560

DETAILS OF RENTALS, SERVICES, & MISC

MCPHERSON DRILLING @ 6.50/ft	
MCPHERSON (CEMENT)	160
DIRTWORKS (LOC.RD, PIT)	400
SURFACE CASING	400
LAND/ LEGAL	2000

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DAILY TOTALS 3160 PREVIOUS TCTD TCTD 3160

CONSERVATION DIVISION WICHITA, KS



KCC

APR 10 2006

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UNCONSOLIDATED OIL WELL SERVICES, INC.  
P.O. BOX 884, CHANUTE, KS 66720  
701-431-9210 OR 800-467-8676

TICKET NUMBER 08001

LOCATION Eureka

FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-15-05	4758	Deare 2-21				Wilson
CUSTOMER <u>Layne Energy</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>			463	Alan		
CITY <u>Sycamore</u>	STATE <u>Ks</u>	ZIP CODE	442	Rick P.		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 900' CASING SIZE & WEIGHT  
 CASING DEPTH 895' DRILL PIPE TUBING OTHER PSTD 889'  
 CARRY WEIGHT 13.4" SLURRY VOL 318bl WATER gal/sk 8" CEMENT LEFT in CASING 6'  
 DISPLACEMENT 14.1 Bbl DISPLACEMENT PSI 500 BUMP PSI 1000 Bump Plug RATE

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break Circulation w/ 15 Bbl Pump  
4sk Gel Flush, 1sk Metasilicate Pre Flush. Mixed 100sk Thick Set Cement  
w/ 10" Kol-Seal Pw/sk @ 13.4" Pw/sk Yield 1.75. Wash out Pump + lines.  
Shut down. Released Plug. Displaced w/ 14.1 Bbl Water. Final Pump Pressure  
500 PSI. Bump Plug to 1000 PSI. Wait 2 mins. Released Pressure - Float Held.  
Good Cement Returns to Surface = 4 Bbl Slurry to Pit.

Job Complete.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE	3.15	126.00
1126A	100sk	Thick Set Cement	13.65	1365.00
1110A	20sk	Kol-Seal 10" Pw/sk	17.75	355.00
1118A	4sk	Gel-Flush	7.00	28.00
1111A	50"	Metasilicate Pre-Flush	1.65	82.50
5407A	5.5 tons	40 miles Bulk Truck	1.05	231.00
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4404	1	4 1/2 Tob Rubber Plug	40.00	40.00
5605A	4hrs.	Welder	78.00	312.00
<u>Thank You!</u>			Sub Total	3339.50
			SALES TAX 6.5%	117.85
			ESTIMATED TOTAL	3457.35

201483

AUTHORIZATION Called by John Ed. TITLE \_\_\_\_\_ DATE \_\_\_\_\_

# GEOLOGIC REPORT

LAYNE ENERGY  
Deer B&B 2-21  
NW NE, 500 FNL, 2220 FEL  
Section 21-T30S-R16E  
Wilson County, KS

**KCC**  
APR 10 2006  
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Spud Date:	12/13/2005
Drilling Completed:	12/14/2005
Logged:	12/13/2005
A.P.I. #:	15-205-26224
Ground Elevation:	833'
Depth Driller:	900'
Depth Logger:	900'
Surface Casing:	8.625 inches at 40'
Production Casing:	4.5 inches at 896'
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 (Bonner Springs Shale)  
555  
687  
750  
787

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