



Operator Name: Layne Energy Operating, LLC Lease Name: Sanbothe B&B Well #: 5-31  
 Sec. 31 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 <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	545 GL	262
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	669 GL	138
List All E. Logs Run:		V Shale	726 GL	81
Compensated Density Neutron		Mineral Coal	766 GL	41
Dual Induction		Mississippian	1054 GL	-247

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'	Class A	5	Type 1 cement
Casing	6.75	4.5	10.5	1156'	Thick Set	120	

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
	2 3/8" 968'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
8/22/2006	<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	7	10		

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:** Sanbothe B&B 5-31  
Sec. 31 Twp. 30S Rng. 16E, Wilson County  
**API:** 15-205-26258

**Shots per Foot**    **Perforation Record**  
4                    933.5-934.5, 889-891, 779-5-781.5, 727-729, 707-  
711, 668.5-676, 661.5-655

**Acid, Fracture, Shot, Cement Squeeze Record**    **Depth**  
Drywood, Bluejacket, Scammon A, Croweberg,    661.5-934.5  
Ironpost, Mulky, Summit-ATP 759, 15 min 330,  
9600# 20/40 sand, 3750 gal 15% HCl acid, 710 bbls  
wtr

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APR 04 2013  
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**WICHITA, KS**

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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: \_\_\_\_\_  
Operator Contact Person: M. B. Natrass **KCC**  
Phone: (913) 748-3987 **APR 20 2006**  
Contractor: Name: McPherson Drilling  
License: 5675 **CONFIDENTIAL**  
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. \_\_\_\_\_

12/23/2005 12/27/2005 12-27-05  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 205-26258 ~00-00  
County: Wilson  
\_\_\_\_ - \_\_\_\_ SW NW Sec. 31 Twp. 30 S. R. 16  East  West  
2188 feet from S / **(N)** (circle one) Line of Section  
595 feet from E / **(W)** (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Sanbothe B&B Well #: 5-31  
Field Name: Neodesha

Producing Formation: Cherokee Coals  
Elevation: Ground: 807 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1160 Plug Back Total Depth: 1150  
Amount of Surface Pipe Set and Cemented at 21 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1156'  
feet depth to Surface w/ 120 sx cmt.

**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: \_\_\_\_\_ **RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
Lease Name: \_\_\_\_\_ License **APR 21 2006**  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: **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: [Signature]  
Title: Agent Date: 4/20/06  
Subscribed and sworn to before me this 20th day of April  
20 [Signature]  
Notary Public: \_\_\_\_\_

NOTARY PUBLIC -- State Of Kansas  
BROOKE C. MAXFIELD  
My Appt. Exp. 12/29/08

**KCC Office Use ONLY**  
Y 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: Sanbothe B&B Well #: CONFIDENTIAL 5-31  
 Sec. 31 Twp. 30 S. R. 16  East  West County: Wilson

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Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	545 GL 262
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List All E. Logs Run:		V Shale	726 GL 81
Compensated Density Neutron		Mineral Coal	766 GL 41
Dual Induction		Mississippian	1054 GL -247

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
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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
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		<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b> <b>APR 21 2006</b> <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	968'			
Date of First, Resumerd Production, SWD or Enhr. <b>SI - Waiting on pipeline</b>			Producing Method			
			<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) \_\_\_\_\_

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APR 20 2006

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<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Sanbothe B&B 5-31		
	Sec. 31 Twp. 30S Rng. 16E, Wilson County		
<b>API:</b>	15-205-26258		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	933.5-934.5, 889-891, 779-.5-781.5, 727-729, 707-711, 668.5-676, 661.5-655	Drywood, Bluejacket, Scammon A, Croweberg, Ironpost, Mulky, Summit-ATP 759, 15 min 330, 9600# 20/40 sand, 3750 gal 15% HCl acid, 710 bbls wtr	661.5-934.5

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WICHITA, KS

MORNING COMPLETION REPORT

Report Called in by: : JOHN ED

Report taken by: KRD

KCC

APR 20 2006

LEASE NAME & #	AFE#	DATE	DAYS	CIBP	PBTD
SANBOTHE 5-31		12/23/2004	1	DEPTH	TYPE FLUID
PRESENT OPERATION:					WT
DRILL OUT FROM UNDER SURFACE					VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR	
OD SHOE DEPTH		TEST PERFS		RIG NO	
PACKER OR ANCHOR	FISHING TOOLS	OD	ID	SQUEEZED OR PLUG BACK PERFS	
				TO	
				TO	
				TO	
				TO	
HRS	BRIEF DESCRIPTION OF OPERATION				
	MIRU THORTON DRILLING, DRILLED 11" HOLE, 21' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING.				
	MIXED 5 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.				

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DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2560

DETAILS OF RENTALS, SERVICES, & MISC

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

DAILY TOTALS      3160      PREVIOUS TCTD      \_\_\_\_\_      TCTD      3160

KCC

08112

CONSOLIDATED OIL WELL SERVICES, INC.  
P.O. BOX 884, CHANUTE, KS 66720  
20-431-9210 OR 800-467-8676

APR 20 2006

TICKET NUMBER  
LOCATION EUREKA  
FOREMAN Kevin McCoy

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TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-5-06	4758	Sanbothe 5-31				WILSON
CUSTOMER <u>Layne Energy</u>		G&L well Service	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>			445	Rick L.		
CITY <u>Sycamore</u>			439	Steve		
STATE <u>Ks</u>	ZIP CODE					

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1160' CASING SIZE & WEIGHT 4 1/2 10.5# New  
 CASING DEPTH 1156' DRILL PIPE TUBING OTHER PBTD 1150'  
 SLURRY WEIGHT 13.2 SLURRY VOL 37 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 6'  
 DISPLACEMENT 18.2 BBL DISPLACEMENT PSI 700 PSI 1100 Bump Plug RATE

REMARKS: Safety Meeting: Rig up to 4 1/2 casing w/ wash head. Break Circulation w/ 25 BBL fresh water, wash down 8' to total casing depth of 1156'. Rig up to cement. Pump 4 sks Gel flush, 5 BBL water spacer, 10 BBL Metasilicate pre flush, 10 BBL Dye water. Mixed 120 sks Thick Set Cement w/ 10# Kol-Seal per/sk @ 13.2# per/gal yield 1.75, wash out pump & lines. Shut down. Release Plug. Displace w/ 18.2 BBL Fresh water. Final Pumping Pressure 700 PSI. Bump Plug to 1100 PSI. wait 2 minutes. Release Pressure. float Held. Good Cement Returns to Surface = 6 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	40	MILEAGE 15' well of 2	3.15	126.00
1126 A	120 SKS	Thick Set Cement	13.65	1638.00
1110 A	24 SKS	Kol-Seal 10# per/sk	17.75	426.00
1118 A	4 SKS	Gel Flush	7.00	28.00
1111 A	50 #	Metasilicate pre flush	1.65 #	82.50
5407 A	6.6 Tons	40 miles Bulk Truck	1.05	277.20
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
RECEIVED KANSAS CORPORATION COMMISSION APR 21 2006 CONSERVATION DIVISION WICHITA, KS			Sub Total	3779.70
Thank you + 6.3%			SALES TAX	142.66
+ 201963			ESTIMATED TOTAL	3922.36

AUTHORIZATION Called By John Ed TITLE \_\_\_\_\_ DATE \_\_\_\_\_



## GEOLOGIC REPORT

LAYNE ENERGY  
Sanbothe B&B 5-31  
SW NW, 2188 FNL, 595 FWL  
Section 31-T30S-R16E  
Wilson County, KS

KCC  
APR 20 2006  
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Spud Date:	12/23/2005
Drilling Completed:	12/27/2005
Logged:	1/4/2006
A.P.I. #:	15-205-26258
Ground Elevation:	807'
Depth Driller:	1160'
Depth Logger:	1156'
Surface Casing:	8.625 inches at 20'
Production Casing:	4.5 inches at 1156'
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)  
545  
669  
726  
766  
1,054

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