



Operator Name: Colt Natural Gas, LLC Lease Name: Frederick B&B Well #: 15-1  
 Sec. 1 Twp. 30 S. R. 15  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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  _____  Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>801 GL</td> <td>204</td> </tr> <tr> <td>Excello Shale</td> <td>903 GL</td> <td>102</td> </tr> <tr> <td>V Shale</td> <td>975 GL</td> <td>30</td> </tr> <tr> <td>Mineral Coal</td> <td>1014 GL</td> <td>-9</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	801 GL	204	Excello Shale	903 GL	102	V Shale	975 GL	30	Mineral Coal	1014 GL	-9
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V Shale	975 GL	30														
Mineral Coal	1014 GL	-9														

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	8.65	24	21.5'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1082'	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 Top Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	SI-Waiting on completion		

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 completion		<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
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____



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

TICKET NUMBER 08135  
 LOCATION EUREKA  
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-13-06	4758	FREDERICK 15-1				WILSON
CUSTOMER Layne Energy		Gus Jones Rig 2	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 160			445	RICK L.		
CITY Sycamore	STATE Ks		439	RICK P.		
ZIP CODE						

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1085' CASING SIZE & WEIGHT 4 1/2 10.5# New  
 CASING DEPTH 1082' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER PBTD 1075  
 SLURRY WEIGHT 13.2\* SLURRY VOL 35 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 7'  
 DISPLACEMENT 17' BBL DISPLACEMENT PSI 500 PSI 1000 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break circulation w/ 25 BBL fresh water. Mixed 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 per/sk @ 13.2\* per/gal, yield 1.75. wash out Pump & Lines. Shut down. Release Plug. Displace w/ 17' 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	40	MILEAGE 1st well of 4	3.15	126.00
1126 A	115 SKS	Thick Set Cement	13.65	1569.75
1110 A	23 SKS	Kol-Seal 10# per/sk	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	Welding	78.00	312.00
			Sub Total	3681.94
			SALES TAX 6.3%	137.28
			ESTIMATED TOTAL	3819.18

Thank You  
 808189

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

# GEOLOGIC REPORT

LAYNE ENERGY  
Frederick B&B 15-1  
SW SE, 1010 FSL, 1900 FEL  
Section 1-T30S-R15E  
Wilson County, KS

Spud Date: 1/9/2006  
Drilling Completed: 1/11/2006  
Logged: 1/11/2006  
A.P.I. #: 15-205-26282  
Ground Elevation: 1005'  
Depth Driller: 1082'  
Depth Logger: 1085'  
Surface Casing: 8.625 inches at 20'  
Production Casing: 4.5 inches at 1082'  
Cemented Job: Consolidated  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

## Formation

Lansing Group  
Pawnee Limestone  
Excello Shale  
"V" Shale  
Mineral Coal  
Mississippian

## Tops (in feet below ground level)

Surface (Stanton Limestone)  
801  
903  
975  
1,014

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 08 2006

CONSERVATION DIVISION  
WICHITA, KS