

**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

11/5/10

Operator: License # 33365  
Name: Layne Energy Operating, LLC  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Timothy H. Wright  
Phone: ( 913 ) 748-3960  
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>7/29/2008</u>	<u>8/4/2008</u>	<u>8/5/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-27567-00-00  
County: Wilson  
W2 W2 SW NW Sec. 24 Twp. 30 S. R. 15  East  West  
1920 feet from S /  (circle one) Line of Section  
76 feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  SW  
Lease Name: Bailey B&B SWD Well #: 5-24  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Arbuckle  
Elevation: Ground: 811' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1480' Plug Back Total Depth: 1380'  
Amount of Surface Pipe Set and Cemented at 51 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1380  
feet depth to Surface w/ 240 sx cmt.

Drilling Fluid Management Plan SWD NS 1-12-09  
(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.: \_\_\_\_\_

**KCC**  
**NOV 05 2008**  
**CONFIDENTIAL**

**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: \_\_\_\_\_  
Title: Project Engineer Date: 11-5-08  
Subscribed and sworn to before me this 5 day of November,  
2008  
Notary Public: MacLaughlin Darling  
Date Commission Expires: 1-4-2009

**KCC Office Use ONLY**

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

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**NOV 06 2008**

**MacLAUGHLIN DARLING**  
Notary Public - State of Kansas  
My Appt. Expires 1-4-2009

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Bailey B&B SWD Well #: 5-24  
 Sec. 24 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 checked="" type="checkbox"/> Yes <input 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:  Compensated Density Neutron 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>614 GL</td> <td>197</td> </tr> <tr> <td>Excello Shale</td> <td>718 GL</td> <td>93</td> </tr> <tr> <td>V-Shale</td> <td>787 GL</td> <td>25</td> </tr> <tr> <td>Mineral Coal</td> <td>824 GL</td> <td>-13</td> </tr> <tr> <td>Mississippian</td> <td>1111 GL</td> <td>-300</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	614 GL	197	Excello Shale	718 GL	93	V-Shale	787 GL	25	Mineral Coal	824 GL	-13	Mississippian	1111 GL	-300
Name	Top	Datum																	
Pawnee Lime	614 GL	197																	
Excello Shale	718 GL	93																	
V-Shale	787 GL	25																	
Mineral Coal	824 GL	-13																	
Mississippian	1111 GL	-300																	

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"	8.625"	24	51'	Class A	85	Type 1 cement
Casing	6.75"	5.5"	10.5	1380'	Thick Set	240	50/50 posmix w/2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
..... Perforate				
..... Protect Casing				
..... Plug Back TD				
..... 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

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1359'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
Pending		<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) Arbuckle Disposal

KCC  
NOV 05 2008  
CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION  
NOV 06 2008  
CONSERVATION DIVISION  
WICHITA KS



**CONSOLIDATED**  
ON Well Services, LLC

*KLL*  
*M*  
*4/12/08*

**ENTERED**

TICKET NUMBER 18947  
LOCATION EUREKA  
FOREMAN KEVIN MCCOY

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-5-08	4758	<i>B+P</i> BAILEY SWD 5-24				WAGON
CUSTOMER Layne Energy		Gus Jones Rig 1	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 160			445	Justin		
CITY Sycamore		STATE Ks	ZIP CODE	NOV 05 2008		
<b>CONFIDENTIAL</b>						

JOB TYPE long string HOLE SIZE 7 7/8 HOLE DEPTH 1480' CASING SIZE & WEIGHT 5 1/2 15.5# new  
CASING DEPTH 1380' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 14# SLURRY VOL 63 BBL WATER gal/sk 7 CEMENT LEFT in CASING 0'  
DISPLACEMENT 3.5 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety Meeting: RAN 5 1/2 Casing w/ open hole hook wall packer w/ Port Collar Pit @ 1380'.  
RAN 2 3/8 Tubing w/ opening & closing tool. Load 5 1/2 Casing w/ fresh water. Close in annulus of 2 3/8  
Tubing. OPEN Port Collar. BREAK Circulation w/ 10 BBL fresh water. Pump 6 sks Gel Flush, 10  
BBL foamer, 5 BBL Dye water. mixed 240 sks 60/40 Pozmix Cement w/ 4% Gel, 5" Kol-Seal /  
SK, 2% CACL2 @ 14#/gal, yield 1.48. Displace w/ 3.5 BBL fresh water. Close Port Collar.  
Pressure Casing to 1100 PSI. Tool Closed. OPEN Annulus of 2 3/8 Tubing. Back wash w/ 10 BBL  
water the short way. Back wash w/ 35 BBL water the long way. Casing ID shown.  
Good Cement Returns to Surface = 7 BBL slurry (27 sks) to Pit. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	40	MILEAGE	3.65	146.00
1131	240 sks	60/40 Pozmix Cement	11.35	2724.00
1118 A	825 #	Gel 4%	.17 #	140.25
1110 A	1200 #	Kol-Seal 5" /sk	.42 #	504.00
1102	415 #	CACL2 2%	.75 #	311.25
1118 A	300 #	Gel Flush	.17 #	51.00
5407 A	10.32 Tons	40 Mils BULK TRUCK	1.20	495.36
1143	1 gal	Soap	38.50	38.50
RECEIVED KANSAS CORPORATION COMMISSION NOV 05 2008 CONSERVATION DIVISION WICHITA, KS				
			Sub Total	5335.36
			SALES TAX 6.3%	235.02
			ESTIMATED TOTAL	5570.38

Ravin 3737

AUTHORIZATION witnessed By Jacob TITLE Layne Co. Rep. DATE \_\_\_\_\_

THANK YOU  
*204399*



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 18905  
LOCATION EUREKA  
FOREMAN RICK LEONARD

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-29-08	4758	Bailey B+A S-24 SWO				Wilton
CUSTOMER			TRUCK #			
Layne Energy			DRIVER			
MAILING ADDRESS			TRUCK #			
P.O. Box 160			NOV 05 2008			
CITY			CONFIDENTIAL			
STATE						
ZIP CODE						
Syracuse						
KS						

JOB TYPE surface HOLE SIZE 11" HOLE DEPTH 51' CASING SIZE & WEIGHT 8 5/8"  
 CASING DEPTH 44' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 15\* SLURRY VOL \_\_\_\_\_ WATER gal/sk 6.5 CEMENT LEFT in CASING 5'  
 DISPLACEMENT 2 1/2 bbl DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 8 5/8" casing. Break circulation w/ 5 bbl fresh water. Mixed 85 sacks regular class "A" cement w/ 270 cack, 270 gal + 1/2\* phoscol @ 15\* /sk. Displaced w/ 2 1/2 bbl fresh water. shut casing in w/ good cement returns to surface. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	725.00	725.00
5406		MILEAGE <u>2.00</u> well	n/c	n/c
11045	85 sacks	class "A" cement	13.50	1147.50
1102	160 *	270 cack	.75	120.00
1118A	160 *	270 gal	.17	27.20
1107A	43 *	1/2* phoscol @ 15*/sk	1.15	49.45
5407		ten-mileage bulk tax	n/c	315.00
			subtotal	2384.15
			6.32% SALES TAX	150.68
			ESTIMATED TOTAL	2468.83

RECEIVED  
KANSAS CORPORATION COMMISSION

NOV 06 2008

Rev'n 3737

AUTHORIZATION

Jacob Meek

TITLE

204107

DATE

# GEOLOGIC REPORT

LAYNE ENERGY  
Bailey B&B 5-24 SWD  
SW NW, 1920 FNL, 76 FWL  
Section 24-T30S-R15E  
Wilson County, KS

Spud Date: 7/29/2008  
Drilling Completed: 8/4/2008  
Logged: 8/4/2008  
A.P.I. #: 15205275670000  
Ground Elevation: 811'  
Depth Driller: 1482'  
Depth Logger: 1484'  
Surface Casing: 8.625 inches at 44'  
Production Casing: 5.5 inches at 1380'  
Cemented Job: Consolidated  
Open Hole Logs: Dual Induction SFL/GR, Litho Density /  
Neutron Logs

**KCC**  
NOV 05 2008  
**CONFIDENTIAL**

Formation	Tops	
	(below ground)	(subsea)
Quaternary	Surface (Alluvium)	811
Pawnee Limestone	614	197
Excello Shale	718	93
"V" Shale	787	25
Mineral Coal	824	-13
Mississippian	1,111	-300

RECEIVED  
KANSAS CORPORATION COMMISSION

NOV 06 2008

CONSERVATION DIVISION  
WICHITA, KS

# Daily Well Work Report

## BAILEY B&B 5-24 SWD

**Well Location:**  
 WILSON KS  
 30S-15E-24 W2 W2 SW NW  
 1920FNL / 76FWL

**Cost Center** C01022003500  
**Lease Number** C010220A  
**Property Code** KSCV30S15E2405D  
**API Number** 15-205-27567

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
7/29/2008	8/4/2008	8/5/2008		10/21/2008	BAILEY_5_24_D

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1482	1380	44	1380	0	0

Reported By	Rig Number	Date
Taken By		Down Time
Present Operation		Contractor

**Narrative**

MIRU WIRELINE AND RIH AND PULL A GAMMA RAY CCL VDL CEMENT BOND LOG FROM 1384' TO SURFACE, RD AND MOL. SDFN. DWC: \$2,100 CWC: \$40,437

**KCC**  
**NOV 05 2008**  
**CONFIDENTIAL**

RECEIVED  
 KANSAS CORPORATION COMMISSION

**NOV 06 2008**

CONSERVATION DIVISION  
 WICHITA KS

# Layne Energy, Inc.

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

November 5, 2008

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

Re: Well Completion Form

Dear Mr. Bond:

I have enclosed the ACO-1 form and associated data for the following well:

API# 15-205-27567-00-00  
Bailey B&B 5-24 SWD

We respectfully request that all information submitted be kept confidential. 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, please contact me at (913) 748-3960.

Sincerely,



MacLaughlin Darling  
Engineering Technician

Enclosures

cc: Well File  
Field Office

**KCC**  
**NOV 05 2008**  
**CONFIDENTIAL**

RECEIVED  
KANSAS CORPORATION COMMISSION

**NOV 06 2008**

CONSERVATION DIVISION  
WICHITA, KS



**CONFIDENTIAL**

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

Form ACO-1  
September 1999  
Form Must Be Typed

11/5/08

Operator: License # 33365  
Name: Layne Energy Operating, LLC  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Timothy H. Wright  
Phone: (913) 748-3960  
Contractor: Name: Thornton Drilling  
License: 33606

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. D-30,314

<u>7/29/2008</u>	<u>8/4/2008</u>	<u>8/5/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-27567-00-00 : AMENDED D-30,314  
County: Wilson  
W2 W2 SW NW Sec. 24 Twp. 30 S. R. 15  East  West  
1920 feet from S /  (circle one) Line of Section  
76 feet from E /  (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
\_\_\_\_ (circle one) NE SE  NW SW  
Lease Name: Bailey B&B SWD Well #: 5-24  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Arbuckle  
Elevation: Ground: 811' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1480' Plug Back Total Depth: 1380'  
Amount of Surface Pipe Set and Cemented at 51 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1380  
feet depth to Surface w/ 240 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: \_\_\_\_\_  
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: \_\_\_\_\_  
Title: Project Engineer Date: 11/12/08  
Subscribed and sworn to before me this 12 day of November  
2008.  
Notary Public: MacLaughlin Darling  
Date Commission Expires: 1-4-2009

**KCC Office Use ONLY**  
Y Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
\_\_\_\_ Wireline Log Received  
\_\_\_\_ Geologist Report Received  
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**NOV 13 2008**  
CONSERVATION DIVISION  
WICHITA, KS

**MacLAUGHLIN-DARLING**  
Notary Public - State of Kansas  
My Appt. Expires 1-4-2009



Operator Name: Layne Energy Operating, LLC Lease Name: Bailey B&B SWD Well #: 5-24  
 Sec. 24 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 checked="" type="checkbox"/> Yes <input 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:  Compensated Density Neutron Dual Induction	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>614 GL</td> <td>197</td> </tr> <tr> <td>Excello Shale</td> <td>718 GL</td> <td>93</td> </tr> <tr> <td>V-Shale</td> <td>787 GL</td> <td>25</td> </tr> <tr> <td>Mineral Coal</td> <td>824 GL</td> <td>-13</td> </tr> <tr> <td>Mississippian</td> <td>1111 GL</td> <td>-300</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Pawnee Lime	614 GL	197	Excello Shale	718 GL	93	V-Shale	787 GL	25	Mineral Coal	824 GL	-13	Mississippian	1111 GL	-300
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																				
Name	Top	Datum																				
Pawnee Lime	614 GL	197																				
Excello Shale	718 GL	93																				
V-Shale	787 GL	25																				
Mineral Coal	824 GL	-13																				
Mississippian	1111 GL	-300																				

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"	8.625"	24	51'	Class A	85	Type 1 cement
Casing	6.75"	5.5"	10.5	1380'	Thick Set	240	50/50 posmix w/2% gel

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
	Open Hole -- Arbuckle 1380' - 1480'		1380' - 1480'

RECEIVED  
KANSAS CORPORATION COMMISSION  
**NOV 13 2008**

TUBING RECORD	Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS
	2-7/8"	1359'	5.5" J 1359'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
11/8/2008		<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) Arbuckle Disposal