

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

10/28/08

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: Timothy H. Wright  
Phone: (913) 748-3960  
Contractor: Name: Thornton Air Rotary  
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. \_\_\_\_\_

<u>7/15/2008</u>	<u>7/17/2008</u>	<u>Pending</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 019-26921-00-00

County: Chautauqua

E2 NE SE Sec. 32 Twp. 32 S. R. 13  East  West

2036 feet from  N (circle one) Line of Section

360 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE  SE NW SW

Lease Name: Coffey Well #: 9-32

Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals

Elevation: Ground: 981' Kelly Bushing: \_\_\_\_\_

Total Depth: 1738' Plug Back Total Depth: 1731'

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 1731

feet depth to Surface w/ 260 sx cmf.

Drilling Fluid Management Plan AH J NH 1-7-09  
(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.: \_\_\_\_\_

**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: Agent Date: 10-28-08

Subscribed and sworn to before me this 28 day of October

08

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

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OCT 29 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: Coffey Well #: 9-32  
 Sec. 32 Twp. 32 S. R. 13  East  West County: Chautauqua

**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	1214 GL	-233
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	1357 GL	-376
List All E. Logs Run:		V-Shale	1402 GL	-421
Compensated Density Neutron		Mineral Coal	1446 GL	-465
Dual Induction		Mississippian	1721 GL	-740

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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	40'	Class A	8	Type 1 cement
Casing	6.75"	4.5"	10.5	1731'	Thick Set	260	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 <i>(Amount and Kind of Material Used)</i>	Depth

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TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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Date of First, Resumerd Production, SWD or Enhr. <b>Pending</b>	Producing Method	<input type="checkbox"/> Flowing	<input type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift	<input type="checkbox"/> Other <i>(Explain)</i>
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0		0		

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)* \_\_\_\_\_

**GEOLOGIC REPORT**

LAYNE ENERGY  
Coffey 9-32  
NE SE, 2036 FSL, 360 FEL  
Section 32-T32S-R13E  
Chautauqua County, KS

Spud Date: 7/15/2008  
Drilling Completed: 7/17/2008  
Logged: 7/17/2008  
A.P.I. #: 15019269210000  
Ground Elevation: 981'  
Depth Driller: 1738'  
Depth Logger: 1738'  
Surface Casing: 8.625 inches at 40'  
Production Casing: 4.5 inches at 1730.6'  
Cemented Job: Consolidated  
Open Hole Logs: Dual Induction SFL/GR, Litho Density /  
Neutron Logs

<b>Formation</b>	<b>Tops</b>	
	<b>(below ground)</b>	<b>(subsea)</b>
	Surface (Lawrence Formation)	981
Douglas Group		
Pawnee Limestone	1,214	-233
Excello Shale	1,357	-376
"V" Shale	1,402	-421
Mineral Coal	1,446	-465
Mississippian	1,721	-740

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# Daily Well Work Report

COFFEY 9-32  
7/17/2008

**Well Location:**  
CHAUTAUQUA KS  
32S-13E-32 E2 NE SE  
2036FSL / 360FEL

**Cost Center** G01056100200  
**Lease Number** G010561  
**Property Code** KSLE32S13E3209  
**API Number** 15-019-26921

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
7/15/2008	7/17/2008				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1738	1731	40	1731	0	0

<b>Reported By</b> KRD	<b>Rig Number</b>	<b>Date</b> 7/15/2008
<b>Taken By</b> KRD		<b>Down Time</b>
<b>Present Operation</b> DRILL OUT SURFACE		<b>Contractor</b> THORNTON ROTARY

## Narrative

MIRU THORNTON ROTARY DRILLING, DRILLED 11" HOLE, 40' DEEP, RIH W/2 JT 8 5/8" SURFACE CASING, MIXED 8 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.  
DWC:\$3160

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WICHITA, KS



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 18853

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												
7-18-08	4758	Coffey 9-32				Chaut.												
CUSTOMER <u>Layne Energy</u>			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>463</td> <td>Shannon</td> <td></td> <td></td> </tr> <tr> <td>575</td> <td>Jarrod</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	463	Shannon			575	Jarrod		
TRUCK #	DRIVER	TRUCK #					DRIVER											
463	Shannon																	
575	Jarrod																	
MAILING ADDRESS <u>P.O. Box 1160</u>																		
CITY <u>Syranee</u>	STATE <u>KS</u>	ZIP CODE																

JOB TYPE logstring HOLE SIZE 6 3/4" HOLE DEPTH 1738' CASING SIZE & WEIGHT 4 1/2" 10.5"  
 CASING DEPTH 1734' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.9" SLURRY VOL 65 Bbl WATER gal/sk 6 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 27 1/2 Bbl DISPLACEMENT PSI 900 ~~1300~~ PSI 1300 RATE \_\_\_\_\_

REMARKS: Safety meeting- Rig up to 4 1/2" casing. Break circulation w/ 35 Bbl fresh water washdown to T.O. Pump 6 sks gel-flush w/ hulls, 5 Bbl water spacer. Mixed 260 sks 50/50 Permox cement w/ 27% cacl, 27% gel, 4" col-sol, 3" col-sol, 1/2" phenoxal, 1/2" FL-110 + 1/4" CAF-38 @ 13.9" yield 1.10 Washout pump + lines. shut down release plug. Displace w/ 27 1/2 Bbl fresh water. Final pump pressure 900 PSI. Pump plus @ 1300 PSI. wait 2 mins. release pressure, float held. Good cement returns to surface 8 Bbl slurry to pit. Job complete. Rig down.

"Thank You"

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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
1124	260 sks	50/50 Permox cement	9.75	2535.00
1102	435*	27% cacl	.75	326.25
1118A	435*	27% gel	.17	73.95
1110A	1040*	4" col-sol 1/2"	.48	496.80
1101	780*	3" col-sol 1/2"	.26	200.80
1107A	32*	1/2" phenoxal 1/2"	1.15	36.80
1135	130*	1/2" FL-110	7.50	975.00
1146	65*	1/4" CAF-38	7.71	500.50
1112A	300*	gel-flush	.17	51.00
1105	50*	hulls	.39	19.50
5407A	10.92	tax-mileage bulk trk	1.20	524.16
4401	1	4 1/2" Exp note plug	45.00	45.00
5605A	4 hrs	welder	85.00	340.00
			6.33	7215.76
			SALES TAX	332.69
			ESTIMATED TOTAL	7548.45

Ravin 3737

AUTHORIZATION

*[Signature]*

TITLE

*[Signature]*

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