

CONFIDENTIAL

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

ORIGINAL

8/20/09
Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: M. Brent Natrass
Phone: (913) 748-3960
Contractor Name: Thornton Air Rotary
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. _____

4/23/2007	4/24/2007	Pending
Spud Date or Recompletion Date	Date Reached TD	Completion Date Recompletion Date

API No. 15 - 205-27149-00-00
County: Wilson
N2 NE SE Sec. 29 Twp. 30 S. R. 17 East West
2282 feet from N (circle one) Line of Section
771 feet from W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Friess JD Well #: 9-29
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 976' Kelly Bushing: _____
Total Depth: 1228' Plug Back Total Depth: 1223'
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1223
feet depth to Surface w/ 130 sx cmt.

Drilling Fluid Management Plan ATTN: 3409
(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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OIL & GAS 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: MS Natrass
Title: Agent Date: 8/20/07
Subscribed and sworn to before me this 20 day of August
2007.
Notary Public: MacLaughlin Darline
Date Commission Expires: 1/4/2009

MacLAUGHLIN DARLINE
Notary Public - State of Kansas
My Appt. Expires 1/4/2009

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

Operator Name: Layne Energy Operating, LLC Lease Name: Friess JD Well #: 9-29
 Sec. 29 Twp. 30 S. R. 17 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: 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>596 GL</td> <td>380</td> </tr> <tr> <td>Excello Shale</td> <td>717 GL</td> <td>259</td> </tr> <tr> <td>V Shale</td> <td>774 GL</td> <td>202</td> </tr> <tr> <td>Mineral Coal</td> <td>811 GL</td> <td>165</td> </tr> <tr> <td>Mississippian</td> <td>1134 GL</td> <td>-158</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	596 GL	380	Excello Shale	717 GL	259	V Shale	774 GL	202	Mineral Coal	811 GL	165	Mississippian	1134 GL	-158
Name	Top	Datum																	
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Mississippian	1134 GL	-158																	

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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	20'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1223'	Thick Set	130	#10 KOL seal @ sx

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 <i>(Amount and Kind of Material Used)</i>	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, Resumerd Production, SWD or Enhr.		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) _____

Production Interval

Daily Well Work Report

FRIESS JD 9-29

4/24/2007

Well Location:

WILSON KS
30S-17E-29 N2 NE SE
2282FSL / 771FEL

Cost Center

C01014500500

Lease Number

C010145

Property Code

COLT-PUD0039

API Number

15-205-27149

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
4/23/2007	4/24/2007				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1228	1223	20	1223		

Reported By KRD

Rig Number

Date

4/23/2007

Taken By KRD

Down Time

Present Operation Drill Under Surface

Contractor

Thornton Drilling

Narrative

Miru Thornton Drilling, drilled 11" hole, 20' deep, rih w/ 1 jt 8-5/8" surface casing, mxd 4 sxs type 1 cmt, dumped dn the backside, sdfn.
DWC: \$ 2,880

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CONSOLIDATED OIL WELL SERVICES, LLC
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

KCC
 AUG 20 2007

WELL NUMBER: 17293
 LOCATION: EUGENE
 FOREMAN: RICK LOPEZ

TREATMENT REPORT & FIELD TICKET
 CONFIDENTIAL
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-25-07	4758	FRESS 9-29				Wilson
CUSTOMER Layne Energy			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 100			463	Kyle		
CITY Sycamore			502	Sharon		
STATE KS			436	J.P.		
ZIP CODE						

JOB TYPE: Logging HOLE SIZE: 6 3/4" HOLE DEPTH: 1229' CASING SIZE & WEIGHT: 4 1/2" 16.5#
 CASING DEPTH: 1223' DRILL PIPE: _____ TUBING: _____ OTHER: _____
 SLURRY WEIGHT: 13.2# SLURRY VOL: 40 bbl WATER gal/sk: 8.0 CEMENT LEFT in CASING: 0'
 DISPLACEMENT: 19" bbl DISPLACEMENT PSI: 600 ~~1100~~ PSI: 1100 RATE: _____

REMARKS: Safety meeting - Rig up to 4 1/2" casing. Break circulation w/ 80 bbl fresh water. Pump 4 sks gel-flush, 1 sk metasilicate pre-flush, 10 bbl fresh water spacer, 10 bbl dye water. Mixed 130 sks thickset cement w/ 10" Rd-seal @ 13.2# gal. Washout pump & lines, shut down, plug plug. Displace w/ 19" bbl fresh water. Final pump pressure 600 PSI. Bump plug to 110 PSI, wait 2 mins, release pressure, float held. Good cement returns to surface - 7 bbl slurry to pit. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	840.00	840.00
5406	1	MILEAGE 20 ^{mi} well	#	#
1126A	130 sks	thickset cement	15.00	1950.00
1110A	1300 ^{gal}	Rd-seal 10" @ 13.2#	.37	481.00
1118A	200 ^{gal}	gel-flush	.15	30.00
1111A	50 ^{gal}	metasilicate pre-flush	1.65	82.50
5407A	7.15	ten-mileage built truck	1.60	314.00
5502C	3 hrs	80 bbl VAC. TRK	91.00	273.00
1125	3000 gals	city water	12.80	384.00
4404	1	4 1/2" top rubber plug	40.00	40.00
			sub total	4111.50
			6.32 SALES TAX	167.20
			ESTIMATED TOTAL	4278.70

013001

AUTHORIZATION _____ TITLE _____ DATE _____

GEOLOGIC REPORT

LAYNE ENERGY
Friess 9-29
NE SE, 2282 FSL, 771 FEL
Section 29-T30S-R17E
Wilson County, KS

Spud Date: 4/23/2007
Drilling Completed: 4/24/2007
Logged: 4/24/2007
A.P.I. #: 15205271490000
Ground Elevation: 976'
Depth Driller: 1228'
Depth Logger: 1227'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1223'
Cemented Job: 0
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

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Formation	Tops	
	(below ground)	(subsea)
	Surface (Chanute	
Kansas City Group	Shale)	976
Pawnee Limestone	596	380
Excello Shale	717	259
"V" Shale	774	202
Mineral Coal	811	165
Mississippian	1,134	-158

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