

CONFIDENTIAL

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

7/01/10

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 Air Rotary
License: 33606
Wellsite Geologist: _____

API No. 15 - 125-31581-00-00
County: Montgomery
NE NW Sec. 3 Twp. 31 S. R. 17 East West
381 feet from S / (circle one) Line of Section
2201 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Friess JD Well #: 3-3
Field Name: Cherokee Basin Coal Area

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Producing Formation: Cherokee Coals
Elevation: Ground: 895' Kelly Bushing: _____
Total Depth: 1026' Plug Back Total Depth: 1023'
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 1023
feet depth to Surface w/ 140 sx cmt.

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. _____

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.: _____

4/2/2008 4/3/2008 4/21/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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ALT. N.S. - 7/20/10

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: 6-27-08
Subscribed and sworn to before me this 27 day of June
20 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 **RECEIVED**
KANSAS CORPORATION COMMISSION
 Geologist Report Received **JUL 0 2 2008**
 UIC Distribution
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: Friess JD Well #: 3-3
 Sec. 3 Twp. 31 S. R. 17 East West County: Montgomery

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;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Pawnee Lime</td> <td>467 GL</td> <td>428</td> </tr> <tr> <td>Excello Shale</td> <td>599 GL</td> <td>296</td> </tr> <tr> <td>V-Shale</td> <td>657 GL</td> <td>238</td> </tr> <tr> <td>Mineral Coal</td> <td>699 GL</td> <td>196</td> </tr> <tr> <td>Mississippi</td> <td>996 GL</td> <td>-101</td> </tr> </tbody> </table>	Name	Top	Datum	Pawnee Lime	467 GL	428	Excello Shale	599 GL	296	V-Shale	657 GL	238	Mineral Coal	699 GL	196	Mississippi	996 GL	-101
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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	# Sacs Used	Type and Percent Additives
Surface	11"	8.625"	24	21'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1023'	Thick Set	140	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
	See Attached Page	RECEIVED KANSAS CORPORATION COMMISSION JUL 0 2 2008 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8"	963'		

Date of First, Resumerd Production, SWD or Enhr. 4/25/2008	Producing Method <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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	29	2		

Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____
--	---	---------------------------

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Friess JD 3-3		
	Sec. 3 Twp. 31S Rng. 17E, Montgomery County		
API:	15-125-31581-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (April 2008)			
4	Neutral 930' - 931' Rowe 922.5' - 924'	5100 lbs 20/40 sand 325 bbls water 400 gals 15% HCl acid	922.5' - 931'
4	Bluejacket 819.5' - 820.5' Weir 768.5' - 770'	5000 lbs 20/40 sand 315 bbls water 400 gals 15% HCl acid	768.5' - 820.5'
4	Mineral 698.5' - 699.5' Croweburg 657.5' - 660.5' Iron Post 637' - 638.5'	7900 lbs 20/40 sand 642 bbls water 1000 gals 15% HCl acid	637' - 699.5'
4	Mulky 600' - 605'	6800 lbs 20/40 sand 265 bbls water 350 gals 15% HCl acid	600' - 605'

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WICHITA, KS

*KW
7/2/08*

GEOLOGIC REPORT

LAYNE ENERGY
JD Friess 3-3
NE NW, 381 FNL, 2201 FWL
Section 3-T31S-R17E
Montgomery County, KS

Spud Date: 4/2/2008
Drilling Completed: 4/3/2008
Logged: 4/3/2008
A.P.I. #: 15125315810000
Ground Elevation: 895'
Depth Driller: 1026'
Depth Logger: 1024'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1022.68'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

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Formation JUL 0 1 2008

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	Tops	
	(below ground)	(subsea)
Surface		
(Cherryvale		
Formation)		895
Kansas City Group		
Pawnee Limestone	467	428
Excello Shale	599	296
"V" Shale	657	238
Mineral Coal	699	196
Mississippian	996	-101

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CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

FRIESS JD 3-3

4/2/2008

Well Location:
MONTGOMERY KS
31S-17E-3 NE NW
381FNL / 2201FWL

Cost Center C01014300200
Lease Number C010143
Property Code COLT-0182
API Number 15-125-31581

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
4/2/2008	4/3/2008	4/18/2008	4/25/2008	4/25/2008	FRIESS_3_3

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1026	1022.68	21	1022.68		

Reported By KRD	Rig Number	Date 4/2/2008
Taken By KRD		Down Time
Present Operation DRILL OUT SURFACE		Contractor THORNTON DRILLING

Narrative

MIRU THORNTON, DRILLED 11" HOLE, 21' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING, MIXED 4 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$2880

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WICHITA, KS

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

Handwritten notes:
KUL
WCS
7/10/08

TICKET NUMBER 13824
LOCATION Eureka
FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																				
4-4-08	4758	Freeze, J-3 (Freeze)				MG																				
CUSTOMER																										
Layne Energy																										
MAILING ADDRESS																										
P.O. Box 160																										
CITY		STATE	ZIP CODE																							
Sycamore		Ks																								
<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>520</td> <td>Cliff</td> <td></td> <td></td> </tr> <tr> <td>479</td> <td>Chris</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							TRUCK #	DRIVER	TRUCK #	DRIVER	520	Cliff			479	Chris										
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JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1024' CASING SIZE & WEIGHT 4 1/2" 105"
 CASING DEPTH 1022' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9" SLURRY VOL 3581 WATER gal/sk 6' CEMENT LEFT IN CASING 0'
 DISPLACEMENT 16.481 DISPLACEMENT PSI 400 MIX PSI 900 Bump Pk RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break circulation w/ 2.5 bbl water.
Ramp back Gel-Flud w/ Halls, 15 bbl water spacer, 8 bbl dye water. Mixed 14acks
50/50 Poz-mix Cement w/ 2% Gel, 2% Cacl, 4" Kol-Seal/ft, 3" Cal-Seal/ft,
1/4" Flacelc 1st, 1/2% FL-110, + 1/4% CAF-38 @ 15.9" Yield 1.40. Wash out Pump + liner.
Release Plug. Displace w/ 16 1/4 bbl water. Final Pumping Pressure 400 PSI. Bump
Plug to 900 PSI. Wait 2 mins. Release Pressure. Float Hold. Good Cement
to surface = 7 bbl Slurry to Pit.

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JUL 01 2008

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	875.00	875.00
5406	40	MILEAGE	3.45	138.00
1124	140 lbs	50/50 Poz-mix Cement	9.30	1302.00
1118A	235 #	2% Gel	.16 #	37.60
1102	235 #	2% Cacl	.70 #	164.50
1110A	560 #	4" Kol-Seal Pk/ft	.40 #	224.00
1101	420 #	3" Cal-Seal Pk/ft	.35 #	147.00
1107	35 #	1/4" Flacelc Pk/ft	1.98 #	69.30
1135	60 #	1/2% FL-110	7.15	429.00
1146	30 #	1/4% CAF-38	7.30	219.00
1118A	300 #	Gel-Flud	.16 #	48.00
1105	50 #	Halls	.37 #	18.50
5407A	5.00 Ton	Ten-mileage	1.14	268.13
4404	1	4 1/2" Top Rubber Plug	42.00	42.00
		Thank You!	Sub Total	3982.03
			SALES TAX 5.2%	143.15
			ESTIMATED TOTAL	4125.18

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WICHITA, KS

AUTHORIZATION Witnessed by Jacob Socol TITLE Co-Rep 201108

DATE _____