

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

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: MoKat
License: 5831
Wellsite Geologist: _____

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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. _____

7/25/2008 7/29/2008 8/27/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-27518-00-00
County: Wilson
E2 SE NE SW Sec. 29 Twp. 30 S. R. 17 East West
1636 feet from S / N (circle one) Line of Section
2521 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Friess JD Well #: 11-29
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 951' Kelly Bushing: _____
Total Depth: 1162' Plug Back Total Depth: 1159'
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 1159
feet depth to Surface w/ 160 sx cmt.

Drilling Fluid Management Plan: Att II NJ 1-14-09
(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: 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

MacLAUGHLIN DARLING
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
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Operator Name: Layne Energy Operating, LLC Lease Name: Friess JD Well #: 11-29
 Sec. 29 Twp. 30 S. R. 17 East West County: Wilson

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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>590 GL</td> <td>361</td> </tr> <tr> <td>Excello Shale</td> <td>713 GL</td> <td>238</td> </tr> <tr> <td>V-Shale</td> <td>774 GL</td> <td>177</td> </tr> <tr> <td>Mineral Coal</td> <td>811 GL</td> <td>140</td> </tr> <tr> <td>Mississippian</td> <td>1122 GL</td> <td>-171</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	590 GL	361	Excello Shale	713 GL	238	V-Shale	774 GL	177	Mineral Coal	811 GL	140	Mississippian	1122 GL	-171
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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	21'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1159'	Thick Set	160	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		

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TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <small>CONSERVATION UNIT</small>	
		2-3/8"	1143'				
Date of First, Resumerd Production, SWD or Enhr.			Producing Method				
9/8/2008			<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	<1	0				

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION

Production Interval Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Friess JD 11-29		
	Sec. 29 Twp. 30S Rng. 17E, Wilson County		
API:	15-205-27518-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (August 2008)			
4	Riverton 1110.5' - 1113.5'	2600 lbs 20/40 sand 271 bbls water 600 gals 15% HCl acid	1110.5' - 1113.5'
4	Neutral 1090.5' - 1091.5' Rowe 1080' - 1082'	5000 lbs 20/40 sand 317 bbls water 400 gals 15% HCl acid	1080' - 1091.5'
4	Weir 879' - 880.5'	2400 lbs 20/40 sand 167 bbls water 300 gals 15% HCl acid	879' - 880.5'
4	Mineral 811' - 812' Croweburg 774.5' - 776.5'	4900 lbs 20/40 sand 355 bbls water 600 gals 15% HCl acid	774.5' - 812'
4	Mulky 713.5' - 718' Summit 694.5' - 696'	8300 lbs 20/40 sand 360 bbls water 400 gals 15% HCl acid	694.5' - 718'

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WICHITA, KS

GEOLOGIC REPORT

KCC
MW
11/12/08

LAYNE ENERGY
Friess 11-29
NE SW, 1636 FSL, 2521 FWL
Section 29-T30S-R17E
Wilson County, KS

Spud Date: 7/25/2008
Drilling Completed: 7/29/2008
Logged: 7/29/2008
A.P.I. #: 15205275180000
Ground Elevation: 951'
Depth Driller: 1162'
Depth Logger: 1162'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1159'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density / Neutron Logs

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Formation	Tops	
	(below ground)	(subsea)
	Surface (Chanute	
Kansas City Group	Shale)	951
Pawnee Limestone	590	361
Excello Shale	713	238
"V" Shale	774	177
Mineral Coal	811	140
Mississippian	1,122	-171

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CONSERVATION DIVISION
WICHITA KS

Daily Well Work Report

FRIESS JD 11-29

7/25/2008

Well Location:

WILSON KS
30S-17E-29 E2 SE NE SW
1636FSL / 2521FWL

Cost Center

C01014500600

Lease Number

C010145

Property Code

KSCV30S17E2911

API Number

15-205-27518

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
7/25/2008	7/29/2008	8/27/2008	9/8/2008	9/5/2008	FRIESS_11_29

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1162	1159	21	1159	0	0

Reported By KRD

Rig Number

Date

7/25/2008

Taken By KRD

Down Time

Present Operation DRILL OUT SURFACE

Contractor

MOKAT

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Narrative

MIRU MOKAT DRILLING, DRILLED 11" HOLE, 21' DDEP, 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, LLC

ENTERED

TICKET NUMBER 18903
LOCATION EUREKA
FOREMAN RICK LEFFORD

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	J.D. FREEZE 11-29				Wilson												
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>479</td> <td>John</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	463	Shannon			479	John		
TRUCK #	DRIVER	TRUCK #					DRIVER											
463	Shannon																	
479	John																	
MAILING ADDRESS <u>P.O. Box 100</u>																		
CITY <u>Sycamore</u>		STATE <u>KS</u>	ZIP CODE															

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1162' CASING SIZE & WEIGHT 4 1/2" 10.5#
 CASING DEPTH 1158' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9# SLURRY VOL 40 bbl WATER gal/sk 6' CEMENT LEFT in CASING 0'
 DISPLACEMENT 18.4 bbl DISPLACEMENT PSI 600 PSI 1000 RATE _____

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 25 bbl fresh water. Washdown 2' to T.D. Pump 40 bbl fresh water ahead. Pump 6 sks gel-flush w/ hulls, 5 bbl water spacer. Mixed 160 sks 50/50 Peemix cement w/ 270 cement, 270 gal, 4# Kal-seal, 3# cal-seal, 1/2# pheno-seal ^{per sk}, 1/2# FL-110 + 1/4# CAF-38 @ 13.9# / gal. yield 1.40. Washout pump + lines shut down, release plug. Displace w/ 18.4 bbl fresh water. Final pump pressure 600 PSI. Pump plug to 1000 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	925.00	925.00
5406	40	MILEAGE	3.65	146.00
1124	160 sks	50/50 Peemix cement	9.25	1560.00
1102	270#	270 cement	.25	202.50
1118A	270#	270 gal	.17	45.90
1110A	640#	4# Kal-seal ^{per sk}	.42	268.80
1101	480#	3# cal-seal ^{per sk}	.36	172.80
1102A	20#	1/2# pheno-seal ^{per sk}	1.15	23.00
1125	80#	1/2# FL-110	7.50	600.00
1146	40#	1/4# CAF-38	7.70	308.00
1118A	300#	gel-flush	.17	51.00
1105	50#	hulls	.39	19.50
5407A	6.72	tax-mileage bulk trk	1.20	322.56
4404	1	4 1/2" top rubber plug	45.00	45.00
5605A	4 hrs	welder	85.00	340.00
4311	1	4 1/2" weld on collar	60.00	60.00
			sub total	5090.06
			SALES TAX	211.46
			ESTIMATED TOTAL	5301.52

Ravin 3737

AUTHORIZATION [Signature] TITLE _____ DATE _____

264105

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