

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

7/31/09
Form ACO-1
September 1999
Form Must Be Typed
ORIGINAL

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: 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 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>4/11/2007</u>	<u>4/12/2007</u>	<u>7/17/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

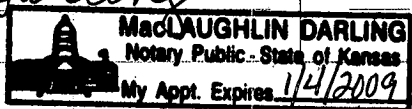
API No. 15 - 125-31324-00-00
County: Montgomery
SW Sec. 3 Twp. 31 S. R. 17 East West
653 FSL feet from S / N (circle one) Line of Section
526 FWL feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Friess S Well #: 13-3
Field Name: Cherryvale
Producing Formation: Cherokee Coals
Elevation: Ground: 881' Kelly Bushing: _____
Total Depth: 1103' Plug Back Total Depth: 1097'
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 1097'
feet depth to Surface w/ 115 sx cmt.

Drilling Fluid Management Plan ALTA NJ 6-21-09
(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: M. Brent Natrass
Title: Agent Date: 7/31/07
Subscribed and sworn to before me this 31 day of July
07
Notary Public: MacLaughlin Darline
Date Commission Expires: 1/4/2009

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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AUG 01 2007



Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Friess S 13-3		
	Sec. 6 Twp. 31S Rng. 17E, Montgomery County		
API:	15-125-31324-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Rowe 961' - 963' Bluejacket 845' - 847' Tebo 778' - 780'	6700 lbs 20/40 sand 575 bbls water 600 gals 15% HCl acid	778' - 963'
4	Mineral 711' - 715' Croweburg 674' - 677'	7200 lbs 20/40 sand 502 bbls water 500 gals 15% HCl acid	674' - 715'
4	Iron Post 645.5' - 649' Mulky 612' - 619' Summit 590' - 593'	11300 lbs 20/40 sand 736 bbls water 850 gals 15% HCl acid	590' - 649'

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CONSERVATION DIVISION
 WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Friess S Well #: 13-3
 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 Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Pawnee Lime	476	406
Excello Shale	612	269
"V" Shale	673	208
Mineral Coal	713	168
Mississippian	1018	-137

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CASING RECORD New Used **CONFIDENTIAL**

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	# Sacks Used	Type and Percent Additives
Surface	11"	8.625"	24	20'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1097'	Thick Set	115	10# KOL seal @ sx

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
	See Attached Page		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1006'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
7/27/2007	<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
	0	2	5	

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 _____

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Daily Well Work Report

FRIESS S 13-3

4/12/2007

Well Location:
MONTGOMERY KS
31S-17E-3 SW SW
653FSL / 526FWL

Cost Center C01014800200
Lease Number C010148
Property Code COLTPUDNEW-025
API Number 15-125-31324

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
4/11/2007	4/12/2007	7/17/2007			
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1103	1097	20	1097		

Reported By KRD	Rig Number	Date 4/11/2007
Taken By KRD		Down Time
Present Operation Drill out from 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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Monday, July 23, 2007

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CONSERVATION DIVISION
WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Friess 13-3
SW SW, 653 FSL, 526 FWL
Section 3-T31S-R17E
Montgomery County, KS

Spud Date: 4/11/2007
Drilling Completed: 4/12/2007
Logged: 4/12/2007
A.P.I. #: 15125313240000
Ground Elevation: 881'
Depth Driller: 1103'
Depth Logger: 1102'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1097'
Cemented Job: 0
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation	Tops	
	(below ground)	(subsea)
	Surface (Dennis	
Kansas City Group	Limestone)	881
Pawnee Limestone	476	406
Excello Shale	612	269
"V" Shale	673	208
Mineral Coal	713	168
Mississippian	1,018	-137

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MONTGOMERY, KS

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CONSOLIDATED OIL WELL SERVICES, LLC
P.O. BOX 894, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

TICKET NUMBER 17276
LOCATION FURSKA
FOREMAN RICK LEONARD

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-16-07	4758	FURSKA 13-3				MG
CUSTOMER <u>Layne Energy</u>			TRUCK #			
MAILING ADDRESS <u>P.O. Box 110</u>			DRIVER			
CITY <u>Sycamore</u>			TRUCK #			
STATE <u>KS</u>			DRIVER			
ZIP CODE						

JOB TYPE logstring HOLE SIZE 6 3/4" HOLE DEPTH 1103' CASING SIZE & WEIGHT 4 1/2" 10.5"
 CASING DEPTH 1012' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2" SLURRY VOL 36 bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 17.0 bbl DISPLACEMENT PSI 500 ~~1000~~ PSI 1000 RATE _____

REMARKS: Safety meeting - Rig up to 4 1/2" casing. Break circulation w/ 2.5 bbl fresh water. Pump 4 sks gel-flush, 10 bbl fresh water spacer, 1 sk metallicate pre-flush, 8 bbl dye water. Mixed 115 sks thickset cement w/ 10" Kat-sol @ 15.40/sk. Washout pump + lines shut down. release plug. Displace w/ 17.0 bbl fresh water. Final pump pressure 500 PSI. Pump plug to 1000 PSI. wait 2 mins. release pressure, float held. Good cement returns to surface. 8 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	40	MILEAGE	3.30	132.00
1126A	115 sks	thickset cement	15.40	1771.00
1110A	1150 "	Kat-sol 10" 100/sk	.38	437.00
1118A	200 "	gel-flush	.15	30.00
1111A	50 "	metallicate pre-flush	1.65	82.50
5407A	6.33	ton-mileage bulk tax	1.10	278.52
4404	1	4 1/2" top rubber plug	40.00	40.00
5502C	3 hrs	80 bbl vac. TRK	96.00	270.00
1183	3000 gals	city water	12.90	38.70
			RECEIVED KANSAS CORPORATION COMMISSION AUG 01 2007	
			CONSERVATION DIVISION WICHITA, KS	
			Sub total	3919.42
			SALES TAX 5.3%	127.14
			ESTIMATED TOTAL	4046.56

012919

AUTHORIZATION _____ TITLE _____ DATE _____