

ORIGINAL

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

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser:
Operator Contact Person: Melissa Thieme
Phone: (913) 748-3971
Contractor: Name: Mokot Drilling
License: 5831
Wellsite Geologist: Rolland Yoakum

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.

3/31/04 4/1/04 4/2/04 Wait On Completion
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30488
County: Montgomery
SW SW SW Sec. 10 Twp. 31 S. R. 17 East West

364 feet from S / N (circle one) Line of Section
513 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW

Lease Name: S Friess Well #: 13-10
Field Name: Coffeyville-Cherryvale

Producing Formation: Cherokee Coals
Elevation: Ground: 860 Kelly Bushing: 860

Total Depth: 676 Plug Back Total Depth: 665
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 673
feet depth to Surface w/ 85 sx cmt.
ALT II WHM 2-12-07

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: KANSAS CORPORATION COMMISSION
Lease Name: License No:
Quarter Sec. Twp. S. R. East West
County: Docket No. CONSERVATION DIVISION WICHITA, KS

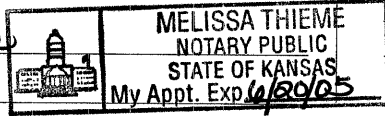
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission. 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: [Signature]
Title: Agent Date: 6/22/04

Subscribed and sworn to before me this 22nd day of June 2004

Notary Public: Melissa Thieme
Date Commission Expires: 6/20/05



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

# ORIGINAL

Side Two

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Operator Name: Layne Energy Operating, LLC Lease Name: S Friess Well #: 13-10  
 Sec. 10 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)*

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Pawnee Lime	450 GL	410
Excello Shale	567 GL	293
Mulky Coal	571 GL	289
V Shale	627 GL	233

List All E. Logs Run:

Compensated Density Neutron  
Dual Induction

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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"	8.65	23	20	Class A	8	Type 1 Cement
Casing	6 3/4"	4.5	10.5	673	Thickset Cement	85	

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
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		<b>JUN 24 2004</b>	
		CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method				
Shut-In: Waiting On Completion		<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 **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

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LAYNE ENERGY  
S. Friess 13-10  
SW ¼, SW ¼, 364' FSL, 513' FWL  
Section 10-T31S-R17E  
MONTGOMERY COUNTY, KANSAS

Drilled: March 31 – April 1, 2004  
Logged: April 1, 2004  
A.P.I.# 15-125-30488  
Ground Elevation: 860'  
Depth Driller: 676'  
Depth Logger: 679'  
Surface Casing: 8 5/8" @ 20'  
Production Casing: 4 1/2" @ 676'  
Cemented Job: Blue Star  
Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

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FORMATION.....	TOPS (in feet below ground surface)
Kansas City Group.....	Surface (Dennis Limestone)
Lenapah Lime.....	256
Altamont Lime.....	295
Weiser Sand.....	363
Pawnee Lime.....	450
Anna Shale.....	477
First Oswego Lime.....	509
Little Osage Shale.....	544
Excello Shale.....	567
Mulky Coal.....	571
Iron Post Coal.....	592
"V" Shale.....	627
Croweburg Coal.....	630

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**MORNING COMPLETION REPORT**

Report Called In by: : John Ed

Report taken by: Melissa T.

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBD	
S. Friesa 13-10		C01014900100	3/31/04	1	DEPTH	TYPE FLUID	
PRESENT OPERATION:		Drill out from under surface				WT	VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR Mokat			
OD SHOE DEPTH	6 5/8" 24# J-53 -- Set 20'	TEST PERFS		RIG NO 1			
PACKER OR ANCHOR	FISHING TOOLS OD ID	TO		SQUEEZED OR PLUG BACK PERFS			
		TO		TO			
		TO		TO			
		TO		TO			
		TO		TO			
HRS	BRIEF DESCRIPTION OF OPERATION						
2100	MIRU MOKAT DRILLING, DRILLED 11" HOLE, 20' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,						
	MIXED 8 SXS TYPE 1 CEMENT, DUMPED ON THE BACKSIDE, SDFN.						
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**DAILY COST ANALYSIS**

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2280

**DETAILS OF RENTALS, SERVICES, & MISC**

MOKAT DRILLING @ 6 50/ft	
MOKAT (CEMENT)	80
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS      2880      PREVIOUS TCTD      TCTD      2880

**BLUE STAR  
ACID SERVICE, INC.**

PO Box 103  
Eureka, Kansas 67045

Cementing Ticket  
and Invoice Number

**№ 5384**

Date <b>4-2-04</b>	Customer Order No	Secl	Twp	Range	Truck Called Out	On Location <b>10:30am</b>	Job Began <b>11:00am</b>	Job Completed <b>11:30am</b>
Owner <b>Loyde Energy</b>	Contractor <b>Gus Jones</b>			Charge To <b>Loyde Energy</b>		Mailing Address <b>PO Box 160</b>		City <b>Sycamore</b>
Well No. & Form <b>S. Fleiss 13-10</b>		Place	County <b>Montgomery</b>		State <b>Ks 67363</b>		Depth of Well <b>676'</b>	
Depth of Job <b>673'</b>	Casing (Used)	Size <b>4 1/2"</b>	Weight <b>12.5</b>	Size of Hole Amt. and Kind of Cement <b>63% 85sks</b>	Cement Left in casing by	Request (Necessity)	<b>8'</b>	
Kind of Job <b>Longstring &gt; PBTD 665'</b>					Drillpipe	(Rotary)	Truck No. <b>#25</b>	

Price Reference No. \_\_\_\_\_  
 Price of Job **665.00**  
 Second Stage \_\_\_\_\_  
 Mileage **N/E - Truck In field**  
 Other Charges \_\_\_\_\_  
 Total Charges **665.00**

Remarks **Safety Meeting: Rig up to 4 1/2" casing, break circulation Mix 50 lbs S-25 McFlush, followed 10 Bbl water spacer. Mixed 85sks Thick set cement w/ 10" P/KOL-SEAL at 13.5 lbs P/GAL. Shut down washout Pump lines - Release Plug - Displace Plug with 10 1/2 Bbl water. Final pumping at 300 PSI - Buried Plug to 1000 PSI. wait 2 min - Release Pressure - Float held. close casing in OPST. Good cement returns to surface with 6 Bbl slurry**

**Job complete - Tracked out**

Cementor **Brad Buttrick**  
 Helper **Rick Abel - Steve** District **Eureka** State **Kansas**  
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below  
**J E Singleton** Agent of contractor or operator

"Thank you"

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
85	sks Thick set cement	10.75	913.75
850	lbs KOL-SEAL 10" P/K	30	255.00
50	lbs Metasulfate S-25 Pre-Flush	1.00	50.00
3	Hrs 80 Bbl Mc-Truck #13	65.00	195.00
1	load City water	20.00	20.00
4	Hrs Welding Truck	45.00	180.00
1	4 1/2" Weld on Collar	40.00	40.00
1	4 1/2" Top Rubber Plug	35.00	35.00
Plugs	85sks Handling & Dumping	.50	42.50
	4.7 Ton Mileage 60	.80	225.60
	Sub Total		2621.85
	Delivered by Truck No. <b>#22</b>	Discount	
	Delivered from <b>Eureka</b>	Sales Tax	5.3%
	Signature of operator <b>Brad Buttrick</b>	Total	2760.80

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