



# ORIGINAL

Side Two

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Operator Name: Layne Energy Operating, LLC Lease Name: JD Friess Well #: 2-10  
 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)*

List All E. Logs Run:

Compensated Density Neutron  
 Dual Induction

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<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	435 GL	423
Excello Shale	570 GL	288
Mulky Coal	574 GL	284
V Shale	631 GL	227

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	# Sacks 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	677	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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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. Shut-In: Waiting On Completion Producing Method  Flowing  Pumping  Gas Lift  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 \_\_\_\_\_

# GEOLOGIC REPORT

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LAYNE ENERGY  
J.D. Friess 2-10  
NW ¼, NE ¼, 390' FNL, 2,337' FEL  
Section 10-T31S-R17E  
MONTGOMERY COUNTY, KANSAS

Drilled: April 2 - 5, 2004  
Logged: April 5, 2004  
A.P.I.# 15-125-30494  
Ground Elevation: 858'  
Depth Driller: 690'  
Depth Logger: 689'  
Surface Casing: 8 5/8" @ 20'  
Production Casing: 4 1/2" @ 689'  
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.....	245
Altamont Lime .....	289
Weiser Sand.....	333
Pawnee Lime .....	435
Anna Shale .....	457
First Oswego Lime .....	512
Little Osage Shale.....	548
Excello Shale.....	570
Mulky Coal.....	574
Iron Post Coal.....	605
"V" Shale .....	631

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MORNING COMPLETION REPORT

Report Called in by: John Ed

Report taken by: Melissa T.

LEASE NAME & #	AFE#	DATE	DAYS	CIBP DEPTH	PBTD TYPE FLUID
J.D. Frless 2-10	C01014300100	4/02/04	1	TYPE	
PRESENT OPERATION:					WT
Drill out from under surface					VIS
DEEPEST CASING OD SHOE DEPTH	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS	CONTRACTOR	Mokat	RIG NO 1
		TEST PERFS	SQUEEZED OR PLUG BACK PERFS		
PACKER OR ANCHOR	FISHING TOOLS OD ID	TO	TO		
		TO	TO		
		TO	TO		
		TO	TO		
HRS	BRIEF DESCRIPTION OF OPERATION				
	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/R	
MOKAT (CEMENT)	80
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS 2880 PREVIOUS TCTD TCTD 2880

Date <b>4-7-04</b>	Customer Order No.	Sect	Twp	Range	Truck Called Out	On Location <b>9:15 AM</b>	Job Began <b>10:30 AM</b>	Job Completed <b>11:00 AM</b>
Owner <b>Layne Energy</b>		Contractor <b>Gus Jones</b>			Charge To <b>Layne Energy</b>			
Mailing Address <b>P.O. Box 160</b>		City <b>Sycamore</b>			State <b>Ks 67363</b>			
Well No & Form <b>Ftess # 2-10</b>		Place <b>Montgomery</b>			State <b>Kansas</b>			
Depth of Well <b>688'</b>	Depth of Job <b>685'</b>	Casing <input checked="" type="radio"/> New <input type="radio"/> Used	Size <b>4 1/2"</b>	Weight <b>10.5</b>	Size of Hole Amt. and Kind of Cement <b>6 3/4 85 SKS</b>	Cement Lb in casing by	Request Necessity <b>8' feel</b>	
Kind of Job <b>Longstring &gt; PBD 677'</b>					Drillpipe	Rotary <input type="radio"/>	Cable	Truck No. <b>#25</b>

Price Reference No. \_\_\_\_\_  
 Price of Job **665.00**  
 Second Stage \_\_\_\_\_  
 Mileage **135.00**  
 Other Charges \_\_\_\_\_  
 Total Charges **800.00**

Remarks **Safety Meeting: Rig up to 4 1/2" casing, break circulation Mixed 50 lbs. S-25 Preflush followed with 10 Bbl water Spacers Mixed 85 SKS Thick Set cement w/ 10" P/SK KOL-SEAL at 135 lbs. P/SK Shut down washout pump & lines - Release Plug Displace Plug with 10 3/4 Bbls water Final Pumping at 450 PSI - Bumped Plug to 1000 PSI Check Float - Float Held - Close casing in 0 PSI Good cement returns to surface w/ 7 Bbls slurry**

**Job complete - Tear down**

Cementer **Brad Butler**  
 Helper **Rick - Alan - Jason** District **Eureka** State **Kansas**  
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below  
**Thank you** *John E. Lingle* Agent of contractor or operator

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/SK	.30	255.00
50	lbs. Metasilicate S-25 Preflush	1.00	50.00
4	Hrs. 80 Bbl VAC Truck #20	65.00	260.00
1	Lead City water	20.00	20.00
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4	Hrs. Welding Trucks	45.00	180.00
1	4 1/2" Top Rubber Plug	35.00	35.00
Plugs	85 SK Handling & Dumping	.50	42.50
	4.7 Ton Mileage 60	.80	225.60
	Sub Total		2781.85
	Discount		
Delivered by Truck No. #16	Delivered from Eureka	Sales Tax 5.3%	147.44
Signature of operator Brad Butler		Total	2929.29