

**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: Mokat 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. \_\_\_\_\_  

<u>4/5/04</u>	<u>4/6/04</u>	<u>4/7/04</u> Wait On Completion
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

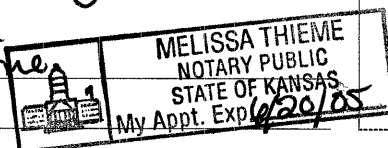
API No. 15 - 125-30493 - 0000  
County: Montgomery  
SE NE NE Sec. 18 Twp. 31 S. R. 17  East  West  
1108 feet from S /  (circle one) Line of Section  
439 feet from  (circle one) E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one)  NE     SE     NW     SW  
Lease Name: JD Friess Well #: 1-18  
Field Name: Coffeyville-Cherryvale  
Producing Formation: Cherokee Coals  
Elevation: Ground: 860 Kelly Bushing: 860  
Total Depth: 1177 Plug Back Total Depth: 1172'  
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 1177  
feet depth to Surface w/ 135 sx cmf.

*ALT I Well 2-9-07*  
**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: \_\_\_\_\_ **RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
Lease Name: \_\_\_\_\_ License No. 4-2004  
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] *MPT*  
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

# CONFIDENTIAL

Operator Name: Layne Energy Operating, LLC Lease Name: JD Friess Well #: 1-18  
 Sec. 18 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

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	558 GL	302
Excello Shale	674 GL	186
Mulky Coal	679 GL	181
Riverton Coal	1060 GL	-200
Mississippian	1074	-214

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	1177'	Thickset Cement	135	

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>	
		<b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <b>Shut-In: Waiting On Completion</b>		Producing Method <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  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
*(If vented, Submit ACO-18.)*  Other (Specify) \_\_\_\_\_

# GEOLOGIC REPORT

LAYNE ENERGY  
J.D. Friess 1-18  
NE ¼ , NE ¼, 1,108' FNL, 439' FEL  
Section 18-T31S-R17E  
MONTGOMERY COUNTY, KANSAS

**CONFIDENTIAL**

Drilled: April 5-6, 2004  
Logged: April 6, 2004  
A.P.I.# 15-125-30493  
Ground Elevation: 860'  
Depth Driller: 1,180'  
Depth Logger: 1,180'  
Surface Casing: 8 5/8" @ 20'  
Production Casing: 4 1/2" @ 1,177'  
Cemented Job: Blue Star  
Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

<b>FORMATION.....</b>	<b>TOPS (in feet below ground surface)</b>
Kansas City Group.....	Surface (Nellie Bly Formation)
Lenapah Lime.....	350
Altamont Lime.....	426
Weiser Sand.....	451
Pawnee Lime.....	558
Anna Shale.....	573
Lexington Coal.....	589
First Oswego Lime.....	613
Little Osage Shale.....	650
Excello Shale.....	674
Mulky Coal.....	679
Iron Post Coal.....	706
"V" Shale.....	728
Croweburg Coal.....	731
Mineral Coal.....	771
Scammon Coal.....	786
AW Coal.....	1002
BW Coal.....	1011
Riverton Coal.....	1060
Mississippian.....	1074

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JUN 24 2004  
CONSERVATION DIVISION  
WICHITA, KS

**BLUE STAR  
ACID SERVICE, INC.**

**CONFIDENTIAL**

PO Box 103  
Eureka, Kansas 67045

Cementing Ticket  
and Invoice Number

**Nº 5408**

Date <b>4-7-04</b>	Customer Order No.	Secl.	Twp	Flange	Truck Called Out	On Location <b>11:15am</b>	Job Began <b>12:45pm</b>	Job Completed <b>1:30pm</b>
Owner <b>Layne Energy</b>	Contractor <b>Gus Jones</b>			Charge To <b>Layne Energy</b>		State <b>Ks. 67363</b>		
Mailing Address <b>P.O. Box 160</b>	City <b>Sycamore</b>			County <b>Montgomery</b>		State <b>Kansas</b>		
Well No. & Form <b>Friess # 1-18</b>	Place	Casing <b>1180</b>		Size <b>4 1/2</b>	Weight <b>10.5</b>	Size of Hole Amt. and Kind of Cement	Cement Left in casing by	Request (Necessity) <b>5</b> feet
Depth of Well <b>1177</b>	Depth of Job <b>1177</b>	Kind of Job <b>Logging &gt; PBD 1172</b>		Drillpipe	Tubing	(Rotary)	(Cable)	Truck No. <b># 25</b>

Price Reference No \_\_\_\_\_  
 Price of Job **665.00**  
 Second Stage \_\_\_\_\_  
 Mileage **N/A Truck Infield**  
 Other Charges \_\_\_\_\_  
 Total Charges **665.00**

Remarks **Safety Meeting: Rig up to 4 1/2" casing, break circulation wash casing down 4' - Mix 50 lbs PreFlush followed with 10 Bbls water Mixed 135 SKs. Thick set cement w/ 10" KOL SEAL P/SK at 13 1/2 P/GAL. Shut down - wash out pump lines - Release Plug Displace Plug with 18 1/2 Bbls water. First pumping at 800 PSI - Bumped Plug to 1250 PSI. Check Float - Float Held - Close casing in w/ 0 PSI. Good cement returns to surface with 8 Bbls slurry**

**Job complete - Tear down**

Cementer **Brad Buttr**  
 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.  
**John Ed Switzer**  
 Agent of contractor or operator

"Thank you"

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
135	SKs. Thick set cement	10.75	1451.25
1350	lbs. KOL-SEAL 10" P/SK	.30	405.00
50	lbs. Metasilicate S-25 PreFlush	1.00	50.00
4	Hrs. 80 Bbl. VAS Truck #20	65.00	260.00
1	Lead city water	20.00	20.00
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3	Hrs. Welding Truck	45.00	135.00
1	4 1/2" Weld on Collar	40.00	40.00
1	4 1/2" Top Rubber Plug	35.00	35.00
		135 SKs Handling & Dumping	.50
		7.5 Tra Mileage 60	.80
		Sub Total	3488.75
		Discount	
Delivered by #22		Sales Tax	5.3%
Delivered from Eureka		Total	184.90
Signature of operator Brad Buttr			3673.65

