ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

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: Jeff Mohajir
Phone: (913) 748-3987
Contractor: Name: MOKAT Drilling
License: 5831
Wellsite Geologist:

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 2 2 2004
CONSERVATION DIVISION
WICHITA, KS

KCC
SEP 2 1 2004
CONFIDENTIAL

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.

May 25, 2004 — Spud Date or Recompletion Date
May 26, 2004 — Date Reached TD
[illegible] — Completion Date or Recompletion Date

API No. 15 - 205-25801 - 0000
County: Wilson
NE - SE - SE - Sec. 28 Twp. 30 S. R. 17 ☑ East ☐ West
887 feet from (S) / N (circle one) Line of Section
402 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Fogleman Well #: 16-28
Field Name: Coffeyville-Cherryvale
Producing Formation: Cherokee Coals
Elevation: Ground: 1001 Kelly Bushing:
Total Depth: 1231 Plug Back Total Depth: 1222
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 1227
feet depth to Surface w/ 130 sx cmt.
Alt II WHM 4-24-08

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:
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: [signature]
Title: Agent Date: 9.21.04
Subscribed and sworn to before me this 21st day of September, 2004.
Notary Public: Carla J. Hinard
Date Commission Expires: 5-21-2008

CARLA J. HINARD NOTARY PUBLIC STATE OF KANSAS

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

Side Two

Operator Name: Layne Energy Operating, LLC. Lease Name: Fogleman Well #: 16-28

Sec. 28 Twp. 30 S. R. 17 ☑ East ☐ West County: Wilson

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

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 2 2 2004
CONSERVATION DIVISION
WICHITA, KS

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Pawnee Lime	604 GL	397
Excello Shale	733 GL	268
V Shale	792 GL	209
Mineral Coal	831 GL	170
Mississippian	1120 GL	-119

CASING RECORD ☑ New ☐ 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	8.65	24	20	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1222	Thick Set	130	

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

KCC
SEP 2 2004
CONFIDENTIAL

TUBING RECORD Size Set At Packer At

Liner Run ☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.
SI - 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

LAYNE ENERGY
Fogleman 16-28
SE ¼ , SE ¼, 887' FSL, 402' FEL
Section 28-T30S-R17E
WILSON COUNTY, KANSAS

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 2 2 2004
CONSERVATION DIVISION
WICHITA, KS

Drilled: May 25 - 26, 2004
Logged: June 1, 2004
A.P.I.# 15-205-25801
Ground Elevation: 1,001'
Depth Driller: 1,231'
Depth Logger: 929'
Surface Casing: 8 $^5/_8$" @ 20'
Production Casing: 4 ½" @ 1,222'
Cemented Job: Consolidated
Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

FORMATION	**TOPS (in feet below ground surface)**
Kansas City Group	Surface (Chanute Shale)
Altamont Lime	460
Weiser Sand	510
Pawnee Lime	604
Anna Shale	626
First Oswego Lime	679
Little Osage Shale	712
Excello Shale	733
Mulky Coal	737
Iron Post Coal	768
"V" Shale	792
Croweburg Coal	794
Fleming Coal	801
Mineral Coal	831
Scammon Coal	847
Weir Pitt Coal	907
Bluejacket Coal	950
Rowe Coal	1,055
Neutral Coal	1,062
Riverton Coal	1,115
Mississippian	1,120

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 2 2 2004
CONSERVATION DIVISION
WICHITA, KS

OIL WELL SERVICES

PO Box 103
Eureka, Kansas 67045

Cementing Ticket and Invoice Number № 5577

Date	Customer Order No.	Sec.	Twp.	Range	Truck Called Out	On Location	Job Began	Job Completed
6-1-04	4758	28	30s	17e				

Owner	Contractor	Charge To
Layne Energy	Gus Jones	Layne Energy

Mailing Address	City	State
PO Box 160	Sycamore	Ks

Well No. & Form	Place	County	State
Foolemon 11-28		Wilson	Kansas

Depth of Well	Depth of Job	Casing (New / Used)	Size	Weight	Size of Hole	Amt. and Kind of Cement	Cement Left in casing by	Request (Necessity)
1231'	1227.5'	New	4½"	10.5	6¾"	130 sks		5' feet

Kind of Job: Longstring PBTD 1222'

Drillpipe ____ Tubing ____ (Rotary / Cable) Truck No. # 441

Remarks: Safety Meeting. Rig up to 4½" casing break circulation with fresh water, wash casing down to 1228' (4' of fill). Pumped 60 Bbls fresh water. Rig up cement head. break circulation. Pumped 5 Bbl Metasilicate Pre-flush followed with 10 Bbl Dye water. Mixed 130 sks Thick Set cement with 10# per/sk of Kol-Seal at 13.3 lbs per/gal. Shut down wash out pump & lines. Release plug. Displace plug with 19½ Bbls water. Final pumping 850 PSI. Bumped plug to 1300 PSI. Release pressure. Float held. close casing in w/0 PSI. Good cement returns to surface w/9 Bbl slurry. Job complete.

Price Reference No. ____
Price of Job 5401 675.00
Second Stage ____
Mileage 5406 25 56.25
Other Charges ____
Total Charges 731.25

Cementer: Brad Butler
Helper: Alan - Steve - Anthony
District: Eureka
State: Kansas

The above job was done under supervison of the owner, operator, or his agent whose signature appears below.

Agent of contractor or operator

Thank you

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE		PRICE	TOTAL
130 sks	Thick Set Cement	#1126 A	11.30	1469.00
26 sks	Kol-Seal 10# per/sk	#1110 A	15.00	390.00
50 lbs	Metasilicate Pre/Flush	#1111 A	1.35 lb	67.50
3 Hrs	80 Bbl VAC Truck	#5502 C	75.00	225.00
4 Hrs	Welder	5605 A	65.00	260.00
1	4½" Weldon Collar	4311	45.00	45.00
1	4½" Top Rubber Plug	4404	35.00	35.00
Plugs	#5407A	715 Ton Handling & Dumping Mileage 25	.80	1430.00
		Sub Total		3365.75
	Delivered by Truck No. 441	Discount		
	Delivered from Eureka	Sales Tax		126.41
	Signature of operator Brad Butler	Total		3492.16

190714

MORNING COMPLETION REPORT

Report Called In by: : JOHN ED Report taken by: Melissa T.

LEASE NAME & #	AFE#	DATE	DAYS	CIBP	PBTD
FOGELMAN 16-28		6/25/04	1	DEPTH / TYPE	TYPE FLUID
PRESENT OPERATION:					WT
DRILL OUT FROM UNDER SURFACE					VIS

DEEPEST CASING OD SHOE DEPTH	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS	CONTRACTOR / RIG NO
PACKER OR ANCHOR	FISHING TOOLS OD ID	TEST PERFS TO	SQUEEZED OR PLUG BACK PERFS TO
		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 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 2 2 2004
CONSERVATION DIVISION
WICHITA, KS

KCC
SEP 2 - 2004
CONFIDENTIAL

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