

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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: _____
 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. _____
 June 28, 2004 July 7, 2004 7-8-04
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

RECEIVED
 KANSAS CORPORATION COMMISSION
 NOV 04 2004
 CONSERVATION DIVISION
 WICHITA, KS

API No. 15 - 125-30564 - 00 - 00
 County: Montgomery
 SE NW Sec. 17 Twp. 31 S. R. 15 East West
1980 feet from S / (N) (circle one) Line of Section
1980 feet from E / (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE (NW) SW
 Lease Name: Matthews Well #: 6-17
 Field Name: Cherokee Basin Coal Gas Area
 Producing Formation: Cherokee Coals
 Elevation: Ground: 984 Kelly Bushing: _____
 Total Depth: 1490 Plug Back Total Depth: 1478
 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 1488
 feet depth to Surface w/ 190 _____ sx cmt.
ALT II WTM 8-17-06
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: Nov 3, 04
 Subscribed and sworn to before me this 3rd day of November,
20 04.
 Notary Public: [Signature]
 Date Commission Expires: _____

MARGARET ALLEN
 Notary Public - State of Kansas
 My Appt. Expires 10/14/08

KCC Office Use ONLY
DENY Letter of Confidentiality Attached
 If Denied, Yes Date: 11-5-04 DPW
YES Wireline Log Received
YES Geologist Report Received
NO UIC Distribution

Operator Name: Layne Energy Operating, LLC. Lease Name: Matthews Well #: 6-17
 Sec. 17 Twp. 31 S. R. 15 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density Neutron Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>903 GL</td> <td>81</td> </tr> <tr> <td>Excello Shale</td> <td>1031 GL</td> <td>-47</td> </tr> <tr> <td>V Shale</td> <td>1084 GL</td> <td>-100</td> </tr> <tr> <td>Mineral Coal</td> <td>1125 GL</td> <td>-141</td> </tr> <tr> <td>Mississippian</td> <td>1391 GL</td> <td>-407</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	903 GL	81	Excello Shale	1031 GL	-47	V Shale	1084 GL	-100	Mineral Coal	1125 GL	-141	Mississippian	1391 GL	-407
Name	Top	Datum																	
Pawnee Lime	903 GL	81																	
Excello Shale	1031 GL	-47																	
V Shale	1084 GL	-100																	
Mineral Coal	1125 GL	-141																	
Mississippian	1391 GL	-407																	

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	# Sacjs Used	Type and Percent Additives
Surface	11	8.65	24	20	Class A	4	Type 1 cement
Casing	7 7/8	5.5	15.5	1488	Thick Set	190	

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 <i>(Amount and Kind of Material Used)</i>	Depth
	RECEIVED KANSAS CORPORATION COMMISSION NOV 04 2004		
	CONSERVATION DIVISION WICHITA, KS		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. SI - Waiting on completion		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	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

GEOLOGIC REPORT

15125 305640000

LAYNE ENERGY
Matthews 6-17
SE ¼, NW ¼, 1,980' FNL, 1,980' FWL
Section 17-T31S-R15E
MONTGOMERY COUNTY, KANSAS

Drilled: June 29 – July 7, 2004
Logged: July 7, 2004
A.P.I.# 15-125-30562
Ground Elevation: 984'
Depth Driller: 1,490'
Depth Logger: 1,487'
Surface Casing: 8 5/8" @ 20'
Production Casing: 5 1/2" @ 1,488'
Cemented Job: Consolidated
Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 04 2004

CONSERVATION DIVISION
WICHITA, KS

FORMATION	TOPS (in feet below ground surface)
Lansing Group	Surface (Stoner Limestone Member)
Lenapah Lime	711
Altamont Lime	754
Weiser Sand	817
Mulberry Coal	898
Pawnee Lime	903
Anna Shale	924
First Oswego Lime	978
Little Osage Shale	1,011
Excello Shale	1,031
Mulky Coal	1,034
Iron Post Coal	1,064
"V" Shale	1,084
Croweburg Coal	1,086
Mineral Coal	1,125
Skinner Sand	1,150
AW Coal	1,341
Riverton Coal	1,381
Mississippian	1,391

1512530564000

MORNING COMPLETION REPORT

Report Called in by: : JOHN ED

Report taken by: KRD

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTB
MATTHEWS 6-17			6/28/2004	1	DEPTH	TYPE FLUID
PRESENT OPERATION:						WT
DRILL OUT FROM UNDER SURFACE						VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH		REPAIR DOWN TIME HRS		CONTRACTOR	
OD SHOE DEPTH					RIG NO	
			TEST PERFS			
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					
	MIRU MOKAT DRILLING, DRILLED 11" HOLE, 20' DEEP, RIM W/ 1 JT 8 5/8" SURFACE CASING.					
	MIXED 4 SXS TYPE 1 CEMENT. DUMPED ON THE BACKSIDE, SDFN.					
	RECEIVED					
	KANSAS CORPORATION COMMISSION					
	NOV 04 2004					
	CONSERVATION DIVISION					
	WICHITA, KS					

DAILY COST ANALYSIS

RIG	_____
SUPERVISION	_____ 200
RENTALS	_____
SERVICES	_____ 400
MISC	_____ 2280

DETAILS OF RENTALS, SERVICES, & MISC	
MOKAT DRILLING @ 8.50/ft	
MOKAT (CEMENT)	80
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS 2880 PREVIOUS TCTD TCTD 2880

