

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

10/23/09
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: Timothy H. Wright
Phone: (913) 748-3960
Contractor: Name: McPherson Drilling
License: 5675

CONFIDENTIAL
OCT 23 2007
KCC

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. _____

<u>7/18/2007</u>	<u>7/19/2007</u>	<u>8/24/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31393-00-00
County: Montgomery
 - - NE - SE Sec. 33 Twp. 32 S. R. 16 East West
2203 feet from N (circle one) Line of Section
711 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: DeMott Farms Well #: 9-33
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 770' Kelly Bushing: _____
Total Depth: 1155' Plug Back Total Depth: 1147'
Amount of Surface Pipe Set and Cemented at 23 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1147
feet depth to Surface w/ 120 sx cmt.

Drilling Fluid Management Plan Alt II NS3-23-09
(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: 10-22-07
Subscribed and sworn to before me this 22 day of October
20 07.
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2009

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____ **RECEIVED**
 Wireline Log Received **KANSAS CORPORATION COMMISSION**
 Geologist Report Received
OCT 24 2007
CONSERVATION DIVISION
WICHITA, KS

MacLAUGHLIN DARLING
Notary Public - State of Kansas
My Appt. Expires 1-4-2009

Operator Name: Layne Energy Operating, LLC Lease Name: DeMott Farms Well #: 9-33
 Sec. 33 Twp. 32 S. R. 16 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>514 GL</td> <td>256</td> </tr> <tr> <td>Excello Shale</td> <td>659 GL</td> <td>111</td> </tr> <tr> <td>V Shale</td> <td>710 GL</td> <td>60</td> </tr> <tr> <td>Mineral Coal</td> <td>747 GL</td> <td>23</td> </tr> <tr> <td>Mississippian</td> <td>1088 GL</td> <td>-318</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	514 GL	256	Excello Shale	659 GL	111	V Shale	710 GL	60	Mineral Coal	747 GL	23	Mississippian	1088 GL	-318
Name	Top	Datum																	
Pawnee Lime	514 GL	256																	
Excello Shale	659 GL	111																	
V Shale	710 GL	60																	
Mineral Coal	747 GL	23																	
Mississippian	1088 GL	-318																	

CONFIDENTIAL
OCT 23 2007
KCC

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"	8.625"	24	23'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1147'	Thick Set	120	#10 KOL seal @ sx

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>
	See Attached Page	

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 24 2007
CONSERVATION DIVISION
WICHITA, KS

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	1102'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 9/6/2007			Producing Method <input type="checkbox"/> Flowing <input checked="" 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
	0	<1	0		

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) _____

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	DeMott Farms 9-33		
	Sec. 33 Twp. 32S Rng. 16E, Montgomery County		
API:	15-125-31393-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Riverton 1066' - 1068.5'	4455 lbs 16/30 sand 332 bbls water -- 7.5# gel 250 gals 15% HCl acid	1066' - 1068.5'

CONFIDENTIAL
OCT 23 2007
KCC

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 24 2007

CONSERVATION DIVISION
WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
DeMott Farms 9-33
NE SE, 2203 FSL, 711 FEL
Section 33-T32S-R16E
Montgomery County, KS

Spud Date: 7/18/2007
Drilling Completed: 7/19/2007
Logged: 7/19/2007
A.P.I. #: 15125313930000
Ground Elevation: 770
Depth Driller: 1155
Depth Logger: 1154
Surface Casing: 8.625 inches at 23'
Production Casing: 4.5 inches at 1147'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

CONFIDENTIAL
OCT 23 2007
KCC

Formation	Tops	
	(below ground)	(subsea)
Quaternary	Terrace Deposits	770
Pawnee Limestone	514	256
Excello Shale	659	111
"V" Shale	710	60
Mineral Coal	747	23
Mississippian	1,088	-318

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 24 2007

CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL

CONSOLIDATED OIL WELL SERVICES, LLC
P.O. BOX 884, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

OCT 23 2007

TICKET NUMBER 12136

LOCATION EUROA

FOREMAN Rex Leonard

KCC
TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-20-07	4758	DeMatt 9-33				OS
CUSTOMER <u>Layne Energy</u>			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS <u>P.O. Box 1160</u>						
CITY <u>Sycamore</u>			STATE <u>KS</u>			
ZIP CODE						

605
Jones

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1155' CASING SIZE & WEIGHT 4 1/2"
 CASING DEPTH 1142' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2# SLURRY VOL 37 bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 18 1/4 bbl DISPLACEMENT PSI 600 ~~800~~ PSI 1100 RATE _____

REMARKS: Safety Meeting. Rig up to 4 1/2" casing. Break circulation w/ 25 bbl fresh water. Pump 8 sks gal-flush w/ bulls, 10 bbl water cement, 20 bbl metasilicate pre-flush, 9 bbl dye water. Mixed 120 sks thickest cement w/ 10" Kel-seal 1 1/2" @ 13.2# gal. Washed pump & lines, shut down, release plug. Displace w/ 18 1/4 bbl fresh water. Final pump pressure 1000 PSI. Bump plug to 1100 PSI. wait 2 minutes. release pressure, float held. Good cement returns to surface = 7 bbl slurry to pit. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	840.00	840.00
5406	40	MILEAGE	3.90	156.00
1126A	120 sks	thickest cement	15.40	1848.00
1110A	1200#	Kel-seal 10" @ 1 1/2"	.38	456.00
1118A	400#	gal-flush	.15	60.00
1105	50#	bulls	.36	18.00
1102	20#	cake	.67	13.40
1111A	100#	metasilicate pre-flush	1.65	165.00
5407A	6.6	ten-mileage bulk tax	1.10	7.26
4404	1	4 1/2" top rubber plug	40.00	40.00
			5.33	27.96
			SALES TAX	13.98
			ESTIMATED TOTAL	2795.95

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 24 2007

CONSERVATION DIVISION
WICHITA, KS

2148160

AUTHORIZATION called by Muger

TITLE C. E.

DATE

4042.95

Daily Well Work Report

DEMOTT FARMS 9-33

7/19/2007

Well Location:
MONTGOMERY KS
32S-16E-33 NE SE
2203FSL / 711FEL

Cost Center C01013400500
Lease Number C010134
Property Code KSCV32S16E3309
API Number 15-125-31393

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
7/18/2007	7/19/2007	8/24/2007	9/6/2007	9/6/2007	DEMOTT_9_33

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1155	1147	23	1147	0	0

Reported By krd	Rig Number	Date 7/18/2007
Taken By krd		Down Time
Present Operation Drill out from under surface		Contractor McPherson Drilling

Narrative

Miru McPherson Drilling, drilled 11" hole, 23' deep, rih w/ 1 jt 8-5/8" surface casing, mxd 4 sxs type 1 cmt, dumped dn the backside, sdfn.
DWC: \$ 2,880

CONFIDENTIAL
OCT 23 2007
KCC

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 24 2007

CONSERVATION DIVISION
WICHITA, KS