

12/2/09

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

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
Wellsite Geologist: _____

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>8/27/2007</u>	<u>8/29/2007</u>	<u>10/11/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31423-00-00
County: Montgomery
 - - NW SW Sec. 8 Twp. 32 S. R. 16 East West
1904 feet from N (circle one) Line of Section
2116 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: DeMott Farms Well #: 11-8
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals

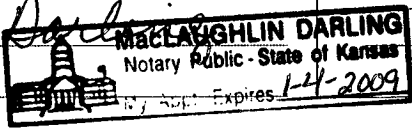
Elevation: Ground: 761' Kelly Bushing: _____
Total Depth: 1180' Plug Back Total Depth: 1165'
Amount of Surface Pipe Set and Cemented at 40 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1165
feet depth to Surface w/ 125 sx cmt.

Drilling Fluid Management Plan ATTACHED 4-9-09
(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: 12-6-07
Subscribed and sworn to before me this 6 day of December
20 07
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2009



KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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KANSAS CORPORATION COMMISSION
DEC 10 2007

Operator Name: Layne Energy Operating, LLC Lease Name: DeMott Farms Well #: 11-8
 Sec. 8 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>508 GL</td> <td>253</td> </tr> <tr> <td>Excello Shale</td> <td>662 GL</td> <td>99</td> </tr> <tr> <td>V Shale</td> <td>711 GL</td> <td>51</td> </tr> <tr> <td>Mineral Coal</td> <td>748 GL</td> <td>13</td> </tr> <tr> <td>Mississippian</td> <td>1080 GL</td> <td>-319</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	508 GL	253	Excello Shale	662 GL	99	V Shale	711 GL	51	Mineral Coal	748 GL	13	Mississippian	1080 GL	-319
Name	Top	Datum																	
Pawnee Lime	508 GL	253																	
Excello Shale	662 GL	99																	
V Shale	711 GL	51																	
Mineral Coal	748 GL	13																	
Mississippian	1080 GL	-319																	

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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"	8.625"	24	40'	Class A	90	Type 1 cement
Casing	6.75"	4.5"	10.5	1165'	Thick Set	125	#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	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	757'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
SI - waiting on pipeline			<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 <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____
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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	DeMott Farms 11-8		
	Sec. 8 Twp. 32S Rng. 16E, Montgomery County		
API:	15-125-31423-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Iron Post 685' - 687' Mulky 662' - 668' Summit 637' - 640'	11700 lbs 20/40 sand 808 bbls water 1510 gals 15% HCl acid	637' - 687'

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CONSERVATION DIVISION
WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
DeMott Farms 11-8
NE SW, 1904 FSL, 2116 FWL
Section 8-T32S-R16E
Montgomery County, KS

Spud Date: 8/27/2007
Drilling Completed: 8/29/2007
Logged: 8/29/2007
A.P.I. #: 15125314230000
Ground Elevation: 761'
Depth Driller: '
Depth Logger: 1180'
Surface Casing: 8.625 inches at 41'
Production Casing: 4.5 inches at 1165'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation	Tops	
	(below ground)	(subsea)
Quaternary	Surface (Alluvium)	761
Pawnee Limestone	508	253
Excello Shale	662	99
"V" Shale	711	51
Mineral Coal	748	13
Mississippian	1,080	-319

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CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

DEMOTT FARMS 11-8

8/27/2007

Well Location:
MONTGOMERY KS
32S-16E-8 NW SW
1904FSL / 2116FWL

Cost Center C01013300300
Lease Number C010133
Property Code KSCV32S16E0811
API Number 15-125-31423

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
8/27/2007	8/29/2007	10/11/2007		10/23/2007	DEMOTT_11_8

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1180	1165	40	1165		

Reported By KRD	Rig Number	Date 8/27/2007
Taken By KRD		Down Time
Present Operation Re-cementing surface		Contractor McPherson/Consolidate

Narrative

MIRU McPherson Drilling, drilled 11' hole, 40' deep, rih w/2jt 8-5/8" surface casing. RU Consolidated to 8-5/8 casing. Break circulation w/10 bbl fresh water. Mixed 40sks regular class "A" cement w/2" calcz, 2% gel and 1/4# flocele per sk @ 15 #/gal. Displace with 2 bbls fresh water. Shut casing in w/good returns to surface. RD MOL. DWC: \$4666

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Wednesday, December 05, 2007

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DEC 10 2007
CONSERVATION DIVISION
WICHITA, KS

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

TICKET NUMBER 12559
 LOCATION EUREKA
 FOREMAN RICK LADD

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-30-07	4758	OEMATT 11-8				MG
CUSTOMER			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			205 Jones			
CITY			485 Alan			
STATE			515 Colin			
ZIP CODE						

JOB TYPE longstring HOLE SIZE 6 3/4" HOLE DEPTH 1180' CASING SIZE & WEIGHT 4 1/2" 10.5"
 CASING DEPTH 1165' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2# SLURRY VOL 39 Bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 18 3/4 Bbl DISPLACEMENT PSI 500 ~~600~~ PSI 1000 RATE _____

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 25
Bbl fresh water. Pump 8 sks gel-flush w/ hulls, 10 Bbl water spacer,
20 Bbl metasilicate pre-flush, 2 Bbl dye water. Mixed 125 sks
thickset cement w/ 10" Kel-seal @ 13.2# ppg. Washout pump & loss.
shut down, release plug. Displace w/ 18 3/4 Bbl fresh water. Final pump
pressure 500 PSI. Pump plug to 1000 PSI. wait 2 minutes. release pressure
float held. Good cement returns to surface = 2 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	3.30	132.00
1126A	125 sks	thickset cement	15.00	1875.00
1110A	1250 #	Kel-seal 10" #15K	.38	475.00
1112A	400 #	gel-flush	.15	60.00
1105	50 #	hulls	.36	18.00
1102	80 #	cacl2	.67	53.60
1111A	100 #	metasilicate pre-flush	1.65	165.00
5407A	6.88	tan-mileage bulk trk	1.16	7.98
4404	1	4 1/2" top rubber plug	40.00	40.00
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DEC 10 2007				
CONSERVATION DIVISION WICHITA, KS				
			Subtotal	4011.32
			SALES TAX	198.00
			ESTIMATED TOTAL	4156.37

AUTHORIZATION called by Misson

TITLE C.R.

DATE _____

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 KCC

216088

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

TICKET NUMBER 12556
 LOCATION EMERYA
 FOREMAN RICK LADSON

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-28-07	4258	De Moo 11-8				MOE
CUSTOMER			TRUCK #			
Layne Energy			DRIVER			
MAILING ADDRESS			TRUCK #			
P.O. Box 1160			DRIVER			
CITY			TRUCK #			
Sycamore			DRIVER			
STATE			TRUCK #			
KS			DRIVER			
ZIP CODE			TRUCK #			
			DRIVER			

JOB TYPE surface spacer HOLE SIZE 11" HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15" SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 1 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up to 8 5/8 casing. Pump 5 bbl ahead.
Mixed 50 sacks class "A" cement w/ 2% cacl, 2% gel + 1/4" flake @ 15#/sack.
Displace w/ 1 bbl fresh water. shut casing in @ 200 psi.
Job complete. Rig down.

"Thank you"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	n/c	n/c
5406	40	MILEAGE	3.30	132.00
11045	50 SACS	class "A" cement	12.20	610.00
1102	100*	2% cacl	.67	67.00
1118A	100*	2% gel	.15	15.00
1107	10*	1/4" flake #1	1.90	19.00
5407		tan-mileage bulk tax	n/c	285.00
				1128.00
				5.32
				1128.00
				37.69
				1165.69

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 RIGC

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 DEC 10 2007
 CONSERVATION DIVISION
 WICHITA, KS

AUTHORIZATION called by Rick TITLE contractor DATE _____

216010

CONSOLIDATED OIL WELL SERVICES, LLC

P.O. BOX 884, CHANUTE, KS 66720

620-431-9210 OR 800-467-8676

TICKET NUMBER 12551

LOCATION Egan

FOREMAN Rick Larson

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-27-07	4758	DeMott 11-8				Mc
CUSTOMER <u>Layne Energy</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>			<u>463</u>	<u>Kyle</u>		
CITY <u>Sycamore</u>			<u>439</u>	<u>Jarrod</u>		
STATE <u>KS</u>						
ZIP CODE						

JOB TYPE surface HOLE SIZE 11" HOLE DEPTH 42' CASING SIZE & WEIGHT 8 5/8"
 CASING DEPTH 40' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15# SLURRY VOL _____ WATER gal/sk 6.5 CEMENT LEFT in CASING 10'
 DISPLACEMENT 2 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up to 8 5/8" casing. Break circulation w/ 10 bbl fresh water. Mixed 40 sacks regular class 'A' cement w/ 220 cc/cc 220 gal. + 74 # flocculant @ 15# / gal. Displace w/ 2 bbl fresh water. Shut casing in w/ good cement returns to surface. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE		400.00
5406	40	MILEAGE	2.25	89.00
11045	40 SAKS	class 'A' cement	12.20	488.00
1102	75 #	220 cc/cc	.67	50.25
1118A	75 #	220 gal	.15	11.25
1107	10 #	74 # flocculant	1.70	17.00
5407		tan-mileage bulk truck	n/c	295.00
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			Subtotal	1665.50
			SALES TAX	30.13
			ESTIMATED TOTAL	1665.63

AUTHORIZATION Called by Rick

TITLE Contractor

DATE _____

215998