

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM

ORIGINAL

1-18-09  
Form ACO-1  
September 1999  
Form Must Be Typed

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: KCC  
Operator Contact Person: Victor H. Dyal  
Phone: ( 913 ) 748-3960  
Contractor: Name: McPherson Drilling  
License: 5675

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>9/22/2006</u>	<u>9/26/2006</u>	<u>10/31/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31115-00-00  
County: Montgomery  
     -      - SW - SE Sec. 2 Twp. 33 S. R. 16  East  West  
549 feet from  N (circle one) Line of Section  
1585 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Drum Creek Farms Well #: 15-2  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 761 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1105 Plug Back Total Depth: 1093  
Amount of Surface Pipe Set and Cemented at 70 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1093  
feet depth to Surface w/ 115 sx cmt.

Drilling Fluid Management Plan AH INH 9-11-08  
(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: 1/18/2007  
Subscribed and sworn to before me this 18 day of January  
20 07  
Notary Public: [Signature]  
Date Commission Expires: 12/28/09

NOTARY PUBLIC - State Of Kansas  
BROOKE C. MAXFIELD  
My Appt. Exp. 12/28/09

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**JAN 19 2007**

CONSERVATION DIVISION  
WICHITA, KS

**Operator Name:** Layne Energy Operating, LLC.  
**Lease Name:** Drum Creek Farms 15-2  
Sec. 2 Twp. 33S Rng. 16E, Montgomery County  
**API:** 15-125-31115

<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	953.5-955	Rowe - 3200# 20/40 sand, 277 bbls wtr, 300 gal 15% HCl acid	953.5-955
4	600-606, 571-575.5, 489-492.5	Mulky, Summit, Lexington - 11,900# 20/40 sand, 654 bbls wtr, 1500 gal 15% HCl acid	489-606
4	830.5-832, 781.5-785, 695.5-697.5	Bluejacket, Weir, Mineral - 6500# 20/40 sand, 386 bbls wtr, 700 gal 15% HCl acid	695.5-832
4	663-664.5, 650-653, 627.5-629.5	Fleming, Croweburg, Bevier - 7400# 20/40 sand, 650 gal 15% HCl acid, 430 bbls wtr	627.5-664.5

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**WICHITA, KS**

Operator Name: Layne Energy Operating, LLC Lease Name: Drum Creek Farms Well #: 15-2  
 Sec. 2 Twp. 33 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>450 GL</td> <td>311</td> </tr> <tr> <td>Excello Shale</td> <td>601 GL</td> <td>160</td> </tr> <tr> <td>V Shale</td> <td>650 GL</td> <td>111</td> </tr> <tr> <td>Mineral Coal</td> <td>696 GL</td> <td>65</td> </tr> <tr> <td>Mississippian</td> <td>1026 GL</td> <td>-265</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	450 GL	311	Excello Shale	601 GL	160	V Shale	650 GL	111	Mineral Coal	696 GL	65	Mississippian	1026 GL	-265
Name	Top	Datum																	
Pawnee Lime	450 GL	311																	
Excello Shale	601 GL	160																	
V Shale	650 GL	111																	
Mineral Coal	696 GL	65																	
Mississippian	1026 GL	-265																	

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	24	70'	Class A	50	Type 1 cement
Casing	6.75	4.5	10.5	1093'	Thick Set	115	

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

TUBING RECORD	Size	Set At	Packer At	Liner Run	
	2 3/8"	995'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
1/10/2007			<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
	0	6	○		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

**GEOLOGIC REPORT**

LAYNE ENERGY  
Drum Creek Farms 15-2  
SW SE, 549 FSL, 1585 FEL  
Section 2-T33S-R16E  
Montgomery County, KS

Spud Date: 9/22/2006  
Drilling Completed: 9/26/2006  
Logged: 9/26/2006  
A.P.I. #: 1512531115  
Ground Elevation: 761'  
Depth Driller: 1105'  
Depth Logger: 1105'  
Surface Casing: 8.625 inches at 70'  
Production Casing: 4.5 inches at 1093'  
Cemented Job: Consolidated  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

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<b>Formation</b>	<b>Tops (in feet below ground level)</b>
Quaternary	Surface (Alluvium)
Pawnee Limestone	450
Excello Shale	601
"V" Shale	650
Mineral Coal	696
Mississippian	1,026

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WICHITA, KS

# Daily Well Work Report

DRUM CREEK FARMS 15-2

9/22/2006

**Well Location:**  
MONTGOMERY KS  
33S-16E-2 SW SE  
549FSL / 1585FEL

**Cost Center** C01013400100  
**Lease Number** C010134  
**Property Code** KSCV33S16E0215  
**API Number** 15-125-31115

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
9/22/2006	9/26/2006	10/31/2006	1/10/2007		DRUMCREEK_15_2

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size	Pump Seat Depth
1105	1093	70	1093			

Reported By	Rig Number	Date
		9/22/2006
Taken By	Down Time	
Present Operation	Contractor	

## Narrative

MIRU Mcpherson drilling, RU Consolidated to drill rig, circulate w/mud while drilling surface hole. Drill to 70', circulate hole clean, pull drill pipe and bit. Ran 67' 8-5/8" surface casing. Break circulation w/fresh water. Mixed 50 sks regular cement w/2% gel, 1/4 # flocele per sk @ 14.5# per gal, yield 1.35, displace w/3.5 bbls fresh water. Shut casing in. Good returns to surface. SDFN.

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WICHITA, KS

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

KCC

JAN 19 2007

TICKET NUMBER 10794  
 LOCATION EUREKA  
 FOREMAN RICK LEDFORD

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-27-06	4758	Orum Creek Farms 15-2				MO
CUSTOMER Layne Energy		Gus Jones	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 160			463	Alan		
CITY Sycamore			442	Jim		
STATE KS	ZIP CODE					

JOB TYPE longstring HOLE SIZE 6 3/4" HOLE DEPTH 1105' CASING SIZE & WEIGHT 4 1/2" 10.5#  
 CASING DEPTH 1093' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 17.2# SLURRY VOL 36 bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 17.4 bbl DISPLACEMENT PSI 500 ~~Bump~~ PSI 1000 RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/25 bbl fresh water. Pump 4 sks gel-flush, 5 bbl fresh water spacer, 1 sk Metasilicate pre-flush, 8 bbl dye water. Mixed 115 sks thickset cement w/10# Rd-seal @ 13.2# @ 100% washout pump & lines, release plug. Displace w/17.4 bbl fresh water. Final pump pressure 500 PSI. Bump plug to 1000 PSI. wait 2 mins. release pressure. float held. Good cement returns to surface = 8 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	800.00	800.00
5406	0	MILEAGE 2nd well of 2		
1126A	115 sks	thickset cement	14.65	1684.75
1110A	1150 #	Rd-seal 10# @ 100/sk	.36	414.00
1118A	200 #	Gel-flush	.14	28.00
1111A	50 #	metasilicate pre-flush	1.65	82.50
5407	6.3	Ten milage - Buex Tax	m/c	225.00
4404	1	4 1/2" top rubber plug	40.00	40.00
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		Subtotal		3324.25
		SALES TAX 5.3%		119.20
		ESTIMATED TOTAL		3443.45

209350

AUTHORIZATION called by John Ed

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

1-18-09

*Layne Energy, Inc.*

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

January 18, 2007

Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

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Re: Well Completion Form

To Whom It May Concern:

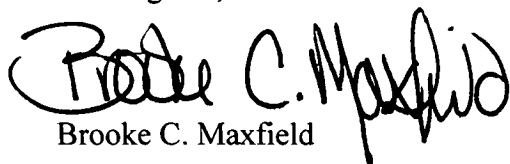
I have enclosed the ACO-1 form and associated data for the following wells:

API # 15-125-31115  
Drum Creek Farms 15-2

We respectfully request that all information submitted be kept confidential and per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information or have any questions or comments, please contact me at (913) 748-3960.

Best regards,

  
Brooke C. Maxfield

Enclosures

Cc Well File  
Field Office

