

CONFIDENTIAL

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**

8/20/10

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
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>5/23/2008</u>	<u>5/28/2008</u>	<u>Pending</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31639-00-00
County: Montgomery
S2 SE SW Sec. 34 Twp. 32 S. R. 15 East West
389 feet from N (circle one) Line of Section
2016 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Bomac Farms Well #: 14-34
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 791' Kelly Bushing: _____
Total Depth: 1206' Plug Back Total Depth: 1204'
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1204
feet depth to Surface w/ 165 sx cmt.

Drilling Fluid Management Plan AIT I INH 10-808
(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: _____
Title: Agent Date: 8/20/2008
Subscribed and sworn to before me this 20 day of August
08
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
RECEIVED
KANSAS CORPORATION COMMISSION
AUG 21 2008
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: Bomac Farms Well #: 14-34
 Sec. 34 Twp. 32 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	624 GL	167
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	785 GL	6
List All E. Logs Run:		V-Shale	833 GL	-42
Compensated Density Neutron Dual Induction		Mineral Coal	874 GL	-83
		Mississippian	1195 GL	-404

CONFIDENTIAL
AUG 20 2008

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	# Sacjs Used	Type and Percent Additives
Surface	11"	8.625"	24	21'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1204'	Thick Set	165	50/50 posmix w/2% gel

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
AUG 21 2008
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.	Producing Method				
Shut-In	<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		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) _____

GEOLOGIC REPORT

LAYNE ENERGY
BoMac Farms 14-34
SE SW, 389 FSL, 2016 FWL
Section 34-T32S-R15E
Montgomery County, KS

Spud Date: 5/23/2008
Drilling Completed: 5/28/2008
Logged: 5/28/2008
A.P.I. #: 15125316390000
Ground Elevation: 791'
Depth Driller: 1206'
Depth Logger: 1205'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1204'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

CONFIDENTIAL

Formation 20 2008

KCC

Kansas City Group
Pawnee Limestone
Excello Shale
"V" Shale
Mineral Coal
Mississippian

	Tops	
	(below ground)	(subsea)
Surface (Iola		
Limestone)		791
	624	167
	785	6
	833	-42
	874	-83
	1,195	-404

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 21 2008

CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

BOMAC FARMS 14-34

5/23/2008

Well Location:
MONTGOMERY KS
32S-15E-34 S2 SE SW
389FSL / 2016FWL

Cost Center G01023900100
Lease Number G010239
Property Code KSSY32S15E3414
API Number 15-125-31639

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
5/23/2008	5/28/2008				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1206	1204	21	1204		

Reported By krd	Rig Number	Date 5/23/2008
Taken By krd		Down Time
Present Operation DRILL OUT SURFACE		Contractor MCPHERSON

Narrative

MIRU MCPHERSON DRILLING, DRILLED 11" HOLE, 21' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING, MIXED 4 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.

DWG 2880

AUG 20 2008

KCC

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 21 2008

CONSERVATION DIVISION
WICHITA

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

ENTERED



TICKET NUMBER **14094**

LOCATION **EUREKA**

FOREMAN **RICK LEONARD**

**TREATMENT REPORT & FIELD TICKET
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-29-08	4258	Barnes Farms 14-34				ME

CUSTOMER **Layne Energy**

MAILING ADDRESS **P.O. Box 100**

CITY **Sycamore** STATE **KS** ZIP CODE

605
Jares

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Shannon		
502	Phillip		

JOB TYPE **longstring** HOLE SIZE **6 7/8"** HOLE DEPTH **1206** CASING SIZE & WEIGHT **4 1/2" 10.5"**

CASING DEPTH **1205'** DRILL PIPE TUBING OTHER

SLURRY WEIGHT **12.2"** SLURRY VOL **42 Bbl** WATER gal/sk **6'** CEMENT LEFT in CASING **0'**

DISPLACEMENT **19.' Bbl** DISPLACEMENT PSI **700** MIX PSI **1100** RATE

REMARKS: **CONFIDENTIAL** Rg up to 4 1/2" casing. Break circulation w/ 25 Bbl fresh water. Pump 6 sacks gel-flush w/ hulls, 5 Bbl water spacer. Mixed 165 sacks 50/50 Premix cement w/ 270 gal, 270 ccs 4" Kel-seal, 3" cat-seal, 1/2" flocc, 1/2" FL-110 + 1/4" CAF-38 @ 19.9 gpm/hr, yield 1.40. Washout pump + lines shut down, release plug. Displace w/ 19.' Bbl fresh water. Final pump pressure 700 PSI. Bump plus to 1100 PSI. Wait 2 mins, release pressure, shut well. 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	825.00	825.00	
5406	40	MILEAGE	3.45	138.00	
1124	165 Sks	50/50 Premix cement	9.30	1534.50	
1118A	275 #	270 gal	.16	44.00	
1102	275 #	270 ccs 2	.70	192.50	
1110A	600 #	4" Kel-seal 100% sk	.40	240.00	
1101	500 #	3" cat-seal 100% sk	.35	175.00	
1102	80 #	1/2" flocc 100% sk	1.98	39.60	
1135	70 #	1/2" FL-110	7.15	500.50	
1146	35 #	1/4" CAF-38	7.30	255.50	
1118A	300 #	gel-flush	.16	48.00	
1105	50 #	hulls	.37	18.50	
5407A	6.53	top-mileage bulk tax	1.14	346.01	
4404	1	4 1/2" top rubber plug	42.00	42.00	
5605A	4 hrs	welder	85.00	340.00	
4311	1	4 1/2" lead on collar	60.00	60.00	
			Subtotal	4843.11	
			5.37%	SALES TAX	168.23
				ESTIMATED TOTAL	5011.34

RECEIVED
 KANSAS CORPORATION COMMISSION
 AUG 21 2008
 CONSERVATION DIVISION
 WICHITA, KS

AUTHORIZATION **Called by Jacob**

TITLE **C. G.**

DATE