

ORIGINAL 10/29/09

Form ACO-1
September 1999
Form Must Be Typed

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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: Thornton Air Rotary
License: 33606

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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. _____

7/9/2007 7/11/2007 9/12/2007
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-31378-00-00
County: Montgomery
NE NW Sec. 7 Twp. 31 S. R. 14 East West
402 feet from S / (N) (circle one) Line of Section
2124 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Westfall Well #: 3-7
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 955' Kelly Bushing: _____
Total Depth: 1486' Plug Back Total Depth: 1472'
Amount of Surface Pipe Set and Cemented at 122 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1472
feet depth to Surface w/ 155 sx cmt.

Drilling Fluid Management Plan AH IN J 31209
(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: 10-29-07
Subscribed and sworn to before me this 29 day of October
07

Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2009

MacLAUGHLIN DARLING
Notary Public - State of Kansas
My Appt. 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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CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Westfall Well #: 3-7
 Sec. 7 Twp. 31 S. R. 14 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>993 GL</td> <td>-38</td> </tr> <tr> <td>Excello Shale</td> <td>1116 GL</td> <td>-161</td> </tr> <tr> <td>V-Shale</td> <td>1183 GL</td> <td>-228</td> </tr> <tr> <td>Mineral Coal</td> <td>1225 GL</td> <td>-270</td> </tr> <tr> <td>Mississippian</td> <td>1430 GL</td> <td>-475</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	993 GL	-38	Excello Shale	1116 GL	-161	V-Shale	1183 GL	-228	Mineral Coal	1225 GL	-270	Mississippian	1430 GL	-475
Name	Top	Datum																	
Pawnee Lime	993 GL	-38																	
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V-Shale	1183 GL	-228																	
Mineral Coal	1225 GL	-270																	
Mississippian	1430 GL	-475																	

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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	# Sacs Used	Type and Percent Additives
Surface	11"	8.625"	24	122'	Class A	40	Type 1 cement
Casing	6.75"	4.5"	10.5	1472'	Thick Set	155	#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>
	SI-waiting on completion	
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TUBING RECORD	Size	Set At	Packer At	Liner Run	
	2-3/8"	1447'		<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 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:	Westfall 3-7		
	Sec. 7 Twp. 31S Rng. 14E, Montgomery County		
API:	15-125-31378-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Rowe 1409.5' - 1412'	3500 lbs 20/40 sand 250 bbls water 340 gals 15% HCl acid	1409.5' - 1412'
4	Mineral 1224' - 1226' V-Shale 1183' - 1186' Bevier 1166' - 1168'	7900 lbs 20/40 sand 575 bbls water 800 gals 15% HCl acid	1166' - 1226'
4	Mulky 1116.5' - 1120.5' Summit 1104' - 1107' Lexington 1037.5' - 1039'	9700 lbs 20/40 sand 676 bbls water 650 gals 15% HCl acid	1037.5' - 1120.5'

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

OCT 29 2007

NET NUMBER 12063

LOCATION EURYKA
 FOREMAN RICK LEONARD

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TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-12-07	4758	West Fall 3-7				MO
CUSTOMER			Gus Jones			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
P.O. Box 160			463	Kyle		
CITY			439	Tarrid		
STATE						
ZIP CODE						
Sycamore KS						

JOB TYPE long string HOLE SIZE 6 7/8" HOLE DEPTH 1486' CASING SIZE & WEIGHT 4 1/2" 10.5#
 CASING DEPTH 1480' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2# SLURRY VOL 48 Bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 23 1/2 Bbl DISPLACEMENT PSI 700 ~~600~~ PSI 1200 RATE _____

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 30 Bbl fresh water. Pump 8 sks gel-flush w/ hulls, 5 Bbl water spacer, 20 Bbl metasilicate pre-flush, 5 Bbl water spacer, 14 Bbl dye water. Mixed 155 sks thickset cement w/ 10" Kal-seal @ 13.2# PPG. Washout pump + lines, shut down. release plug. Displace w/ 23.5 Bbl fresh water. Final pump pressure 700 PSI. Bump plug to 1200 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	840.00	840.00
5406	40	MILEAGE	3.30	132.00
1126A	155 sks	thickset cement	15.40	2387.00
1110A	1550 #	Kal-seal 10" PPG	38	589.00
1118A	400 #	gel-flush	.15	60.00
1105	50 #	hulls	.36	18.00
1102	87 #	cacl2	.67	58.60
1111A	100 #	metasilicate pre-flush	1.65	165.00
5407A	8.53	ten-mileage bulk fuel	1.10	325.32
4404	1	4 1/2" top rubber plug	40.00	40.00
			Subtotal	4659.92
			SALES TAX 5.3%	175.57
			ESTIMATED TOTAL	4835.49

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AUTHORIZATION called by Musser TITLE Co. Rep. DATE _____

17024

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

TICKET NUMBER 12026
 LOCATION Eureka
 FOREMAN Russell McCoy

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-9-07	4758	West Fox #37				Wilson
CUSTOMER						
WAYNE Energy			Thornton			
MAILING ADDRESS			Air Rotary			
P.O. Box 160						
CITY		STATE	ZIP CODE			
Sycamore		KS				
TRUCK #		DRIVER		TRUCK #		DRIVER
290		CLIFF				
479		JEFF				

JOB TYPE Surface HOLE SIZE 11" HOLE DEPTH 122 CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 122' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15 # SLURRY VOL _____ WATER gal/sk 6.5 CEMENT LEFT in CASING 15'
 DISPLACEMENT 7 8bl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting, Rig up to 8 5/8 casing, Break circulation w/ 15
8bl water mix 40 sks Reg cement w/ 220 Gal 2% CaCl2 At 15'
Per/gallon Displace w/ 7 8bl water, Good cement Returns to surface
Job complete, Tear Down.

THANK YOU
 Russell McCoy

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401.5	1	PUMP CHARGE	650.00	650.00
5406	40	MILEAGE	3.30	132.00
1104.5	40 sks	Regular cement	12.20	488.00
1102	75 sks	CaCl2 2%	.67	50.25
1118 A	75 sks	Gel 2%	.15	11.25
5407		Tow mileage	n/c	285.00
				1616.50
				6.3 %
SALES TAX				34.62
ESTIMATED TOTAL				1651.12

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AUTHORIZATION called by Thornton Drilg TITLE Drilg Contractor

DATE 7-9-07

DWC. \$ 5451

Daily Well Work Report

WESTFALL 3-7
7/11/2007

Well Location:
MONTGOMERY KS
31S-14E-7 NE NW
402FNL / 2124FWL

Cost Center G01057300200
Lease Number G010573
Property Code KSSY31S14E0703
API Number 15-125-31378

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Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
7/9/2007	7/11/2007	9/12/2007		10/4/2007	WESTFALL_3_7

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1486	1472	122	1472	0	0

Reported By krd	Rig Number	Date 7/9/2007
Taken By krd		Down Time
Present Operation Drill out from Under Surface		Contractor Thornton Rotary

Narrative

MIRU Thornton Rotary, drilled 11' hole, 122' deep, rih w/6 jts 8-5/8" surface casing. RU Consolidated. Break circulation w/ 15 bbls water. Mixed 40 sks reg cement w/2% caciz @15# per/gal. Yield 1.35. displace w/ 7 bbls fresh water. Good Cement returns to surface. RD MOL. DWC:\$5451

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GEOLOGIC REPORT

LAYNE ENERGY
Westfall 3-7
NE NW, 402 FNL, 2124 FWL
Section 7-T31S-R14E
Montgomery County, KS

Spud Date: 7/9/2007
Drilling Completed: 7/11/2007
Logged: 7/11/2007
A.P.I. #: 15125313780000
Ground Elevation: 955'
Depth Driller: 1486'
Depth Logger: 1482'
Surface Casing: 8.625 inches at 122'
Production Casing: 4.5 inches at 1480'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

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Formation

	Tops	
	(below ground)	(subsea)
	Surface (Revard	
Douglas Group	Sandstone Bed)	955
Pawnee Limestone	993	-38
Excello Shale	1,116	-161
"V" Shale	1,183	-228
Mineral Coal	1,225	-270
Mississippian	1,430	-475

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