

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

5/6/10

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: Thornton Air Rotary
License: 33606
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. _____
1/14/2008 1/16/2008 2/15/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-31519-00-00
County: Montgomery
W2 NE SW Sec. 27 Twp. 31 S. R. 14 East West
2294 feet from N (circle one) Line of Section
1470 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Daniels Well #: 11-27
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals

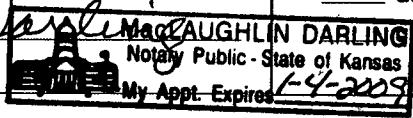
Elevation: Ground: 876' Kelly Bushing: _____
Total Depth: 1482' Plug Back Total Depth: 1473'
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1473
feet depth to Surface w/ 200 sx cmt.

Drilling Fluid Management Plan Att II 11/20/09
(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: 5/6/08
Subscribed and sworn to before me this 6 day of May
20 08.
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 **MAY 07 2008**
C Distribution
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Daniels Well #: 11-27
 Sec. 27 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>896 GL</td> <td>-20</td> </tr> <tr> <td>Excello Shale</td> <td>1031 GL</td> <td>-155</td> </tr> <tr> <td>V-Shale</td> <td>1085 GL</td> <td>-209</td> </tr> <tr> <td>Mineral Coal</td> <td>1130 GL</td> <td>-254</td> </tr> <tr> <td>Mississippian</td> <td>1407 GL</td> <td>-531</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	896 GL	-20	Excello Shale	1031 GL	-155	V-Shale	1085 GL	-209	Mineral Coal	1130 GL	-254	Mississippian	1407 GL	-531
Name	Top	Datum																	
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Mississippian	1407 GL	-531																	

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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	8	Type 1 cement
Casing	6.75"	4.5"	10.5	1473'	Thick Set	200	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 (Amount and Kind of Material Used)	Depth
	See Attached Page		

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>1435'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>2/27/2008</u>	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. <u>0</u>	Gas Mcf <u>44</u>	Water Bbls. <u>18</u>	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)* METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____ Production Interval _____

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Operator Name: Layne Energy Operating, LLC.			
Lease Name: Daniels 11-27			
Sec. 27 Twp. 31S Rng. 14E, Montgomery County			
API: 15-125-31519-00-00			
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (February 2008)			
4	Rowe 1350' - 1352'	3300 lbs 20/40 sand 249 bbls water 350 gals 15% HCl acid	1350' - 1352'
4	Scammon 1145' - 1146' Mineral 1129.5' - 1131.5'	3800 lbs 20/40 sand 352 bbls water 350 gals 15% HCl acid	1129.5' - 1146'
4	Croweburg 1085' - 1088.5'	3800 lbs 20/40 sand 240 bbls water 350 gals 15% HCl acid	1085' - 1088.5'
4	Mulky 1032.5' - 1036.5' Summit 1012.5' - 1014'	6400 lbs 20/40 sand 362 bbls water 500 gals 15% HCl acid	1012.5' - 1036.5'
4	Mulberry 891.5' - 893'	3100 lbs 20/40 sand 190 bbls water 350 gals 15% HCl acid	891.5' - 893'

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

TICKET NUMBER 13483
 LOCATION EUREKA
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-16-08	4758	Daniels 11-27				MO
CUSTOMER Layne Energy			Gus Jones Rig 3			
MAILING ADDRESS P.O. Box 160						
CITY Sycamore	STATE KS	ZIP CODE MAY 06 2008	TRUCK #	DRIVER	TRUCK #	DRIVER
			445	Justin		
			515	Jerrid		

JOB TYPE Logging HOLE SIZE 6 7/8" NCC HOLE DEPTH 1482' CASING SIZE & WEIGHT 4 1/2" 2.5" new
 CASING DEPTH 1468' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9" SLURRY VOL. 50 BBL WATER gal/sk 6.1 CEMENT LEFT in CASING 0'
 DISPLACEMENT 23.5 BBL DISPLACEMENT PSI 600 PSI 1000 Bump Plug RATE _____

REMARKS: Safety meeting: Rig up to 4 1/2" casing. Break circulation w/ 30 BBL fresh water. Pump 6 sks Gel flush w/ hulls, 15 BBL water spacer, 5 BBL Dye marker. Mixed 200 sks 50/50 Pozmix Cement w/ 2% Gel, 2% CaCl2, 4" Kel-Seal /sk, 3" Cal-Seal /sk, 1/4" Flocc, 1/2% FL-110, 1/4% CAF-38 @ 13.9" /gal, yield 1.4%. Wash out Pump & Lines. Shut down. Release Plug. Displace w/ 23.5 BBL fresh water. Final Pumping Pressure 600 PSI. Bump Plug to 1000 PSI. Wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 7 BBL Slurry (28 sks) to Pit. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	875.00	875.00
5406	40	MILEAGE	3.45	138.00
1124	200 sks	50/50 Pozmix Cement	9.30	1860.00
1118 A	340 "	Gel 2%	.16	54.40
1102	340 "	CaCl2 2%	.70	238.00
1110 A	800 "	Kel-Seal 4"/sk	.40	320.00
1101	600 "	Cal-Seal 3"/sk	.35	210.00
1107	50 "	Flocc 1/4"/sk	1.98	99.00
1135	84 "	FL-110 1/2%	7.15	600.60
1146	42 "	CAF-38 1/4%	7.30	306.60
1118 A	300 "	Gel Flush	.16	48.00
1105	50 "	Hulls	.37	18.50
5407 A	8.4 TONS	40 miles BULK TRUCK	1.14	94.72
4404	1	4 1/2" Top Rubber Plug	42.00	42.00
		Sub Total		5192.14
		THANK YOU	5.3%	SALES TAX 274.99
		ESTIMATED TOTAL		5467.13

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 WICHITA, KS

AUTHORIZATION Witnessed By Jacob & Mike TITLE Layne Co. Rep's. DATE _____
 019118
 5394.38

Daily Well Work Report

DANIELS 11-27

1/14/2008

Well Location:

MONTGOMERY KS
31S-14E-27 W2 NW NE SW
2294FSL / 1470FWL

Cost Center

G01062500100

Lease Number

G010625

Property Code

KSSY31S14E2711

API Number

15-125-31519

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
1/14/2008	1/16/2008	2/15/2008	2/27/2008	2/25/2008	DANIELS_11_27
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1482	1473	21	1473	0	0

Reported By KR D

Rig Number

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Date

1/14/2008

Taken By KR D

Down Time

Present Operation Drill out from under surface

MAY 06 2008

Contractor

THORNTON

Narrative

KCC

MIRU THORNTON ROTARY, DRILLED 11" HOLE, 21' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING, MIXED 8 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$2880

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WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Daniels 11-27
NE SW, 2294 FSL, 1470 FWL
Section 27-T31S-R14E
Montgomery County, KS

Spud Date: 1/14/2008
Drilling Completed: 1/16/2008
Logged: 1/16/2008
A.P.I. #: 15125315190000
Ground Elevation: 876'
Depth Driller: 1482'
Depth Logger: 1484'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1473'
Cemented Job: 0
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

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Formation	Tops	
	(below ground)	(subsea)
Surface (South		
Bend Limestone		
Lansing Group	Member)	876
Pawnee Limestone	896	-20
Excello Shale	1,031	-155
Shale	1,085	-209
Mineral Coal	1,130	-254
Mississippian	1,407	-531

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