

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

10/5/09
Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: M. Brent Natrass
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. _____

6/11/2007 6/12/2007 Pending
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-31379-00-00
County: Montgomery
_____ NW SE Sec. 18 Twp. 32 S. R. 17 East West
2164 feet from (S) N (circle one) Line of Section
1487 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Green Well #: 9A-18
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 780' Kelly Bushing: _____
Total Depth: 1102' Plug Back Total Depth: 1096'
Amount of Surface Pipe Set and Cemented at 22 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1096
feet depth to Surface w/ 110 sx cmt.

Drilling Fluid Management Plan AH ILS 31205
(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: 10/5/07
Subscribed and sworn to before me this 5 day of October
20 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
RECEIVED
KANSAS CORPORATION COMMISSION
OCT 08 2007

Operator Name: Layne Energy Operating, LLC Lease Name: Green Well #: 9A-18
 Sec. 18 Twp. 32 S. R. 17 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>410 GL</td> <td>370</td> </tr> <tr> <td>Excello Shale</td> <td>569 GL</td> <td>211</td> </tr> <tr> <td>V Shale</td> <td>618 GL</td> <td>162</td> </tr> <tr> <td>Mineral Coal</td> <td>663 GL</td> <td>117</td> </tr> <tr> <td>Mississippian</td> <td>988 GL</td> <td>-208</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	410 GL	370	Excello Shale	569 GL	211	V Shale	618 GL	162	Mineral Coal	663 GL	117	Mississippian	988 GL	-208
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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	22'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1096'	Thick Set	110	#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>	Depth
	SI-waiting on completion		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. SI - waiting on pipeline	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease *(If vented, Submit ACO-18.)* METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

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GEOLOGIC REPORT

LAYNE ENERGY
Green 9A-18
NW SE, 2164 FSL, 1487 FEL
Section 18-T32S-R17E
Montgomery County, KS

Spud Date: 6/11/2007
Drilling Completed: 6/12/2007
Logged: 6/12/2007
A.P.I. #: 15125313790000
Ground Elevation: 780'
Depth Driller: '
Depth Logger: 1104'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1096'
Cemented Job: 0
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

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Formation	Tops	
	(below ground)	(subsea)
	Surface (Dennis	
Kansas City Group	Limestone)	780
Pawnee Limestone	410	370
Excello Shale	569	211
"V" Shale	618	162
Mineral Coal	663	117
Mississippian	988	-208

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CONSERVATION DIVISION
WICHITA, KS

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Daily Well Work Report

GREEN 9A-18
6/12/2007

Well Location:
MONTGOMERY KS
32S-17E-18 NW SE
2164FSL / 1487FEL

Cost Center C01015500100
Lease Number C010155
Property Code COLTPUDNEW-038
API Number 15-125-31379

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
6/11/2007	6/12/2007	8/24/2007		9/10/2007	GREEN_9A_18

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1102	1096	22	1096		

Reported By krd **Rig Number** **Date** 6/11/2007
Taken By krd **Down Time**
Present Operation Drill Out from under surface **Contractor** McPherson

Narrative

Miru McPherson Drilling, drilled 11" hole, 22' deep, rih w/ 1 jt 8-5/8" surface casing, mxd. 4 sxs type 1 cmt, dumped dn the backside, sdfn.
DWC: \$ 2,880

Friday, October 05, 2007

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CONSERVATION DIVISION
WICHITA, KS

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OCT 05 2007

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

TICKET NUMBER 12003

LOCATION EUREKA

FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
6-15-07	4758	GREEN 9A-18				MG																
CUSTOMER <u>Layne Energy</u>			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>445</td> <td>Justin</td> <td></td> <td></td> </tr> <tr> <td>439</td> <td>Jerrod</td> <td></td> <td></td> </tr> <tr> <td>437</td> <td>Jim</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	445	Justin			439	Jerrod			437	Jim		
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MAILING ADDRESS <u>P.O. Box 160</u>																						
CITY <u>Sycamore</u>	STATE <u>Ks</u>	ZIP CODE																				

Cur Jones Rig 1

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1102 CASING SIZE & WEIGHT 4 1/2 10.5 * New
 CASING DEPTH 1096 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2 * SLURRY VOL 34 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 17.4 BBL DISPLACEMENT PSI 600 MAX PSI 1100 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break circulation w/ 20 BBL Fresh water. Pump 4 sks Gal Flush, 10 BBL water spacer, 10 BBL Metasilicate Pre Flush, 9 BBL Dye water. Mixed 110 sks Thick Set Cement w/ 10 * KOL-SEAL per/sk @ 13.2 * per/gal, yield 1.75, wash out pump & lines, shut down. Release Plug. Displace w/ 17.9 BBL Fresh water, final Pumping Pressure 600 PSI. Bump Plug to 1100 PSI. wait 2 minutes. Release Pressure. Flat Hold. Good Cement Returns to Surface = 9 BBL Slurry. Job Complete. Rig down.

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
1126 A	110 SKS	THICK SET Cement	15.40	1694.00
1110 A	1100 *	KOL-SEAL 10 * per/sk	.38 *	418.00
1118 A	200 *	Gal Flush	.15 *	30.00
1111 A	50 *	Metasilicate Pre Flush	1.65 *	82.50
5407 A	6.05 TONS	Ton Mileage 40 miles	1.10	266.20
5502 C	5 HAS	80 BBL UAC TRUCK	90.00	450.00
1123	2500 GALS	CITY WATER	12.80/1000	32.00
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
			Sub Total	3984.70
			5.3% RETAINED	121.71
			TOTAL	4106.41

THANK YOU
214148

KANSAS CORPORATE COMMISSION
TOTAL 4106.41

AUTHORIZATION Called By Mike Taylor

TITLE Co. Rep.

OCT 08 2007