

CONFIDENTIAL

ORIGINAL

2/23/11

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1
September 1999
Form Must Be Typed

*KCC
2/24/08*

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: McPherson Drilling
License: 5675

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FEB 23 2009

Wellsite Geologist: KCC

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: 2/21/2006 Original Total Depth: 1160'

____ 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>11/6/2008</u>	<u>11/8/2008</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

*KCC
2/24/08*

API No. 15 - 205-26258-00-01

County: Wilson

N2 S2 SW, NW Sec. 31 Twp. 30 S. R. 16 East West

2188 feet from S / (circle one) Line of Section
595 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Sandbothe B&B Well #: 5-31

Field Name: Neodesha

Producing Formation: Cherokee Coals

Elevation: Ground: 807' Kelly Bushing: _____

Total Depth: 1160' Plug Back Total Depth: 1150'

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 1156'

feet depth to Surface w/ 120 sx cmt.

Drilling Fluid Management Plan WDN 7-13-09
(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: _____
Title: Project Engineer Date: 2/22/09

Subscribed and sworn to before me this 22 day of February,
2009.

Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2013

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
RECEIVED
KANSAS CORPORATION COMMISSION
FEB 24 2009
UIC Distribution
MACLAUGHLIN DARLING
Notary Public - State of Kansas
My Appt. Expires 1-4-2013
CONSERVATION DIVISION
WICHITA, KS



Operator Name: Layne Energy Operating, LLC Lease Name: Sandbothe B&B Well #: 5-31
 Sec. 31 Twp. 30 S. R. 16 East West County: Wilson

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>545 GL</td> <td>262</td> </tr> <tr> <td>Excello Shale</td> <td>669 GL</td> <td>138</td> </tr> <tr> <td>V Shale</td> <td>726 GL</td> <td>81</td> </tr> <tr> <td>Mineral Coal</td> <td>766 GL</td> <td>41</td> </tr> <tr> <td>Mississippian</td> <td>1054 GL</td> <td>-247</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	545 GL	262	Excello Shale	669 GL	138	V Shale	726 GL	81	Mineral Coal	766 GL	41	Mississippian	1054 GL	-247
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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	21'	Class A	5	Type 1 cement
Casing	6.75"	4.5"	10.5	1156'	Thick Set	120	

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		

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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1107'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
11/12/2008		<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio
	0	50	0	

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) _____	_____

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Sandbothe B&B 5-31		
	Sec. 31 Twp. 30S Rng. 16E, Wilson County		
API:	15-205-2625800-01		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (February 2006)			
4	Drywood 933.5' - 934.5' Bluejacket 889' - 891' Scammon A 779.5' - 781.5' Croweburg 727' - 729' Iron Post 707' - 711' Mulky 668.5' - 676' Summit 661.5' - 655'	9600 lbs 20/40 sand 710 bbls water 3750 gals 15% HCl acid	661.5' - 934.5'
Recompletion Perforations (November 2008)			
4	Riverton 1041' - 1043'	2500 lbs 20/40 sand 340 bbls water 560 gals 15% HCl acid	1041' - 1043'

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