

CONFIDENTIAL

ORIGINAL

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

Form ACO-1
September 1999
Form Must Be Typed

5/08/09

**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

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. _____

01/11/2007 01/18/2007 12/11/2007
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-27063-00-00 'Amended'
County: Wilson
NE NE Sec. 26 Twp. 29 S. R. 13 East West
660 feet from S / (N) (circle one) Line of Section
660 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Tharp Well #: 1-26
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 922' Kelly Bushing: _____
Total Depth: 1482' Plug Back Total Depth: 1477'
Amount of Surface Pipe Set and Cemented at 41 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1477
feet depth to Surface w/ 155 sx cmf.

Drilling Fluid Management Plan AH II NH-11-25-08
(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: 9/16/08
Subscribed and sworn to before me this 16 day of September
20 08.
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
Y Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
RECEIVED
KANSAS CORPORATION COMMISSION
SEP 18 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Tharp Well #: 1-26
 Sec. 26 Twp. 29 S. R. 13 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	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>984 GL</td> <td>-62</td> </tr> <tr> <td>Excello Shale</td> <td>1076 GL</td> <td>-154</td> </tr> <tr> <td>V-Shale</td> <td>1147 GL</td> <td>-225</td> </tr> <tr> <td>Mineral Coal</td> <td>1204 GL</td> <td>-282</td> </tr> <tr> <td>Mississippian</td> <td>1393 GL</td> <td>-471</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Pawnee Lime	984 GL	-62	Excello Shale	1076 GL	-154	V-Shale	1147 GL	-225	Mineral Coal	1204 GL	-282	Mississippian	1393 GL	-471
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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	40'	Class A	8	Type 1 cement
Casing	6.75"	4.5"	10.5	1477'	Thick Set	155	

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>
	See Attached Page	
CONFIDENTIAL		RECEIVED KANSAS CORPORATION COMMISSION SEP 18 2008 CONSERVATION DIVISION WICHITA, KS
TUBING RECORD	Size <u>2-3/8"</u> Set At <u>1396'</u> Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>5/20/2008</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>43</u> Water Bbls. <u>0</u>	Gas-Oil Ratio _____ Gravity _____

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:	Tharp 1-26		
	Sec. 26 Twp. 29S Rng. 13E, Wilson County		
API:	15-205-27063-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Rowe 1360.5' - 1362'	2620 lbs 20/40 sand 210 bbls water 300 gals 15% HCl acid	1360.5' - 1362'
4	Mineral 1203.5' - 1204.5' Croweburg 1147.5' - 1151' Bevier 1132' - 1133'	9965 lbs 20/40 sand 718 bbls water 400 gals 15% HCl acid	1132' - 1204.5'
4	Mulky 1076.5' - 1080.5' Summit 1064.5' - 1066' Mulberry 980.5' - 981.5'	11262 lbs 20/40 sand 681 bbls water 400 gals 15% HCl acid	980.5' - 1080.5'

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