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APR 15 2008

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

WICHITA, KS ORIGINAL

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: SAME AS ABOVE  
Original Comp. Date: 9/14/2006 Original Total Depth: 1439'  
\_\_\_\_ 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. \_\_\_\_\_

1/2/2008 1/4/2008  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 125-31180-00-04  
County: Montgomery  
NE SW NW NE Sec. 31 Twp. 31 S. R. 15  East  West  
721 feet from S /  N (circle one) Line of Section  
2031 feet from  E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one)  SE NW SW  
Lease Name: Volz Well #: 2-31

Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals

Elevation: Ground: 907' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1439' Plug Back Total Depth: 1434.8'

Amount of Surface Pipe Set and Cemented at 20' Feet  
Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1435'  
feet depth to Surface w/ 145 sx cmt.

Drilling Fluid Management Plan OWWO - AH II NR  
(Data must be collected from the Reserve Pit) 8-10-09

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: Project Engineer Date: 4/9/09  
Subscribed and sworn to before me this 9 day of April  
2009  
Notary Public: MacLaughlin Darling  
Date Commission Expires: 1-4-2013

MacLAUGHLIN DARLING  
Notary Public - State of Kansas  
My Appt. Expires 1-4-2013

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Layne Energy Operating, LLC Lease Name: Volz Well #: 2-31  
 Sec. 31 Twp. 31 S. R. 15  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  Yes  No  
*(Attach Additional Sheets)*

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
*(Submit Copy)*

List All E. Logs Run:

Compensated Density Neutron

Dual Induction

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample		
Name	Top	Datum
Pawnee Lime	862 GL	45
Excello Shale	1010 GL	-103
V Shale	1060 GL	-153
Mineral Coal	1105 GL	-198
Mississippian	1361 GL	-454

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	20'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1435'	Thick Set	145	

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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		CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1361'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
1/4/2008		<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 Gravity
	0	23	0	

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:** Volz 2-31  
 Sec. 31 Twp. 31S Rng. 15E, Montgomery County  
**API:** 15-125-31180-00-04

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
<b>Initial Perforations</b>			
4	Rowe 1315' - 1317'	3000 lbs 20/40 sand 229 bbls water 200 gals 15% HCl acid	1315' - 1317'
<b>1st Recompletion Perforations</b>			
4	Rowe 1241.5' - 1243'	1700 lbs 20/40 sand 203 bbls water 200 gals 15% HCl acid	1241.5' - 1243'
<b>2nd Recompletion Perforations</b>			
4	Mineral 1104.5' - 1106.5'	2600 lbs 20/40 sand 244 bbls water 126 gals 15% HCl acid	1104.5' - 1106.5'
<b>3rd Recompletion Perforations</b>			
4	Croweburg 1060.5' - 1063.5' Bevier 1037.5' - 1040'	5600 lbs 20/40 sand 490 bbls water 620 gals 15% HCl acid	1037.5' - 1063.5'
<b>4th Recompletion Perforations</b>			
4	Mulky 1011.5' - 1016' Summit 987' - 988.5'	7658 lbs 20/40 sand 475 bbls water 500 gals 15% HCl acid	987' - 1016'
4	Mulberry 857.5' - 859'	2091 lbs 20/40 sand 196 bbls water 300 gals 15% HCl acid	857.5' - 859'

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APR 15 2009

CONSERVATION DIVISION  
 WICHITA, KS