

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

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 \_\_\_\_ 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: 5/12/06 Original Total Depth: 1445'  
\_\_\_\_ Deepening \_\_\_\_ Re-perf. \_\_\_\_ Conv. to Enhr./SWD  
 Plug Back CIBP 1178' Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
\_\_\_\_ Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
11/20/2006  
Spud Date or Date Reached TD 11/21/2006 Completion Date or Recompletion Date

API No. 15 - 205-26518-00-01 ~~Corrected~~  
County: Wilson  
\_\_\_\_ NE NE Sec. 36 Twp. 30 S. R. 14  East  West  
660 feet from S /  (circle one) Line of Section  
660 feet from  (circle one) W Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Gorton Well #: 1-36  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 915 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1445 Plug Back Total Depth:  1435'  
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/ 150 sx cmt.

Drilling Fluid Management Plan

(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.: \_\_\_\_\_

CO-DIG-7/22/09

**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: MRS [Signature]

Title: Agent Date: 4/6/07

Subscribed and sworn to before me this 6<sup>th</sup> day of April

20 07

Notary Public: [Signature]

Date Commission Expires: 10/14/2008

**MARGARET ALLEN**  
Notary Public - State of Kansas  
My Appt. Expires 10/14/2008

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

RECEIVED  
JUN 30 2009

KCC WICHITA

Operator Name: Layne Energy Operating, LLC Lease Name: Gorton Well #: 1-36  
 Sec. 36 Twp. 30 S. R. 14  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, lime 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>861 GL</td> <td>54</td> </tr> <tr> <td>Excello Shale</td> <td>976 GL</td> <td>-61</td> </tr> <tr> <td>V Shale</td> <td>1043 GL</td> <td>-128</td> </tr> <tr> <td>Mineral Coal</td> <td>1086 GL</td> <td>-171</td> </tr> <tr> <td>Mississippian</td> <td>1363 GL</td> <td>-448</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	861 GL	54	Excello Shale	976 GL	-61	V Shale	1043 GL	-128	Mineral Coal	1086 GL	-171	Mississippian	1363 GL	-448
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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	8.65	24	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1435'	Thick Set	150	

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		
	11/20/06 CIBP 1178'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1159'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumard Production, SWD or Enhr. 11/23/2006	Producing Method <input type="checkbox"/> Flowing <input checked="" 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
	0	9.9	2.7		

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented    Sold    Used on Lease     
  Open Hole    Perf.    Dually Comp.    Commingled  
*(If vented Submit ACO-13.)*     
  Other (Specify) \_\_\_\_\_

RECEIVED  
JUN 30 2009  
KCC WICHITA

**Operator Name:** Layne Energy Operating, LLC.  
**Lease Name:** Gorton 1-38  
 Sec. 36 Twp. 30S Rng. 14E, Wilson County  
**API:** 15-205-26518

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	Bartlesville Sand 1182.5-1184.5, 1186-1189, 1192-1194	Bartlesville-1000 gal 15% HCl acid, 80 bbls wtr.	1182.5-1194
<b>New Perforations</b>			
4	1141-1147.5; 1099.5-1101; 1086-1088	Tebo, Scammon, Mineral -- 1000 gal 15% HCL + 525 bbls Water + 7600 # 20/40 Sand	1086-1147.5
4	1043.5-1045.5; 1024-1028	Croweberg, Bevier -- 600 gal 15% HCL + 385 bbls Water + 5100 # 20/40 Sand	1024-1045.5
4	976-981.5; 959-962; 856.5-858.5	Mulky, Summit, Mulberry -- 1050 gal 15% HCL + 580 bbls Water + 7900 # 20/40 Sand.	856.5-981.5

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