

10/30/09  
Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL AMENDED**

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**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. \_\_\_\_\_

<u>7/26/2007</u>	<u>7/27/2007</u>	<u>10/29/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31410-00-00  
 County: Montgomery  
 \_\_\_\_\_ NE \_\_\_\_\_ SW Sec. 28 Twp. 32 S. R. 16  East  West  
1691 feet from  S / N (circle one) Line of Section  
1833 feet from E /  W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW  SW  
 Lease Name: Barta Well #: 11-28  
 Field Name: Cherokee Basin Coal Area  
 Producing Formation: Cherokee Coals  
 Elevation: Ground: 776' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1150' Plug Back Total Depth: 1137'  
 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 1137  
 feet depth to Surface w/ 120 sx cmt.

**Drilling Fluid Management Plan** AH II NS 3-16-07  
 (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: 2/4/08  
 Subscribed and sworn to before me this 4 day of February  
 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**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 Distribution

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 KANSAS CORPORATION COMMISSION  
**FEB 06 2008**

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Operator Name: Layne Energy Operating, LLC Lease Name: Barta Well #: 11-28  
 Sec. 28 Twp. 32 S. R. 16  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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p> <p>Compensated Density Neutron                  Dual Induction</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Name</td> <td style="width: 15%;">Top</td> <td style="width: 15%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>527 GL</td> <td>249.</td> </tr> <tr> <td>Excello Shale</td> <td>687 GL</td> <td>89</td> </tr> <tr> <td>V-Shale</td> <td>736 GL</td> <td>40</td> </tr> <tr> <td>Mississippian</td> <td>1092 GL</td> <td>-316</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	527 GL	249.	Excello Shale	687 GL	89	V-Shale	736 GL	40	Mississippian	1092 GL	-316
Name	Top	Datum														
Pawnee Lime	527 GL	249.														
Excello Shale	687 GL	89														
V-Shale	736 GL	40														
Mississippian	1092 GL	-316														

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	21'	Class A	30	Type 1 cement
Casing	6.75"	4.5"	10.5	1137'	Thick Set	120	#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 (Amount and Kind of Material Used)	Depth
	See Attached Page		

TUBING RECORD      Size <u>2-3/8"</u> Set At <u>1073'</u> Packer At _____	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>11/6/2007</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>10</u> Water Bbls. <u>1</u>	Gas-Oil Ratio _____      Gravity _____

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented     Sold     Used on Lease     
  Open Hole     Perf.     Dually Comp.     Commingled

*(If vented, Submit ACO-18.)*      \_\_\_\_\_

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<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Barta 11-28		
	Sec. 28 Twp. 32S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-31410-00-00		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Initial Perforations</b>			
4	Rowe 1024' - 1026'	2417 lbs 20/40 sand 249 bbls water 200 gals 15% HCl acid	1024' - 1026'
4	Weir 863.5' - 866'	3806 lbs 20/40 sand 295 bbls water 200 gals 15% HCl acid	863.5' - 866'
4	Mineral 776' - 777.5' Croweburg 738' - 740.5' Iron post 710' - 712'	9108 lbs 20/40 sand 695 bbls water 700 gals 15% HCl acid	710' - 777.5'
4	Mulky 688' - 691.5' Summit 657' - 659'	8684 lbs 20/40 sand 636 bbls water 500 gals 15% HCl acid	657' - 691.5'

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WICHITA, KS