

CONFIDENTIAL

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

1/29/09

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: SAME AS ABOVE

Original Comp. Date: 2/26/2008 Original Total Depth: 1144'  
\_\_\_\_ 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. \_\_\_\_\_

10/20/2008 10/22/2008  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 125-31503-00-01  
County: Montgomery  
\_\_\_\_ S2 \_\_\_\_ NW \_\_\_\_ SW Sec. 36 Twp. 31 S. R. 16  East  West  
2096 feet from  N (circle one) Line of Section  
817 feet from E /  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW  SW

Lease Name: Rau Well #: 12-36  
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals  
Elevation: Ground: 916' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1144' Plug Back Total Depth: 1143'  
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 1143  
feet depth to Surface w/ 160 sx cmt.

Drilling Fluid Management Plan WCI NY 7-276A  
(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: 1/29/09  
Subscribed and sworn to before me this 29 day of January,  
20 09.  
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

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

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KANSAS CORPORATION COMMISSION

JAN 30 2009

CONSERVATION DIVISION  
WICHITA, KS



<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Rau 12-36		
	Sec. 36 Twp. 31S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-31503-00-01		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Initial Perforations (February 2008)</b>			
4	Riverton 1128.5' - 1130.5'	1500 lbs 20/40 sand 166 bbls water 600 gals 15% HCl acid	1128.5' - 1130.5'
<b>Recompletion Perforations (October 2008)</b>			
4	Rowe 1074' - 1076'	1000 lbs 20/40 sand 288 bbls water 800 gals 15% HCl acid	1074' - 1076'
4	Bluejacket 955.5' - 957'	2400 lbs 20/40 sand 149 bbls water 550 gals 15% HCl acid	955.5' - 957'
4	Mineral 820' - 821.5' Croweburg 779' - 782' Iron Post 761' - 762.5'	7900 lbs 20/40 sand 638 bbls water 720 gals 15% HCl acid	761' - 821.5'
4	Mulky 730' - 734' Summit 703.5' - 705'	6600 lbs 20/40 sand 244 bbls water 480 gals 15% HCl acid	703.5' - 734'

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