

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL Form ACO-1  
September 1999  
Form Must Be Typed  
3/31/11

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 Drilling  
License: 33606  
Wellsite Geologist: \_\_\_\_\_  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGWI  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: 10/30/2008 Original Total Depth: 1813'  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back CIBP 1380' Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  
12/31/2008 12/31/2008  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 049-22521-00-01 Corrected  
County: Elk  
W2 NW NE Sec. 22 Twp. 31 S. R. 12  East  West  
633 feet from S / (N) (circle one) Line of Section  
2236 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: KCE Well #: 2-22  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 1062' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1813' Plug Back Total Depth: 1808'  
Amount of Surface Pipe Set and Cemented at 42 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1808  
feet depth to Surface w/ 100 sx cmt.

Drilling Fluid Management Plan WONS SLOW  
(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: 3/31/09  
Subscribed and sworn to before me this 31 day of March,  
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  
 UIC Distribution  
**RECEIVED**  
6-30-09  
**JUN 30 2009**  
**MacLAUGHLIN DARLING**  
Notary Public - State of Kansas  
My Appl. Expires 1-4-2013  
**KCC WICHITA**



<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	KCE 2-22		
	Sec. 22 Twp. 31S Rng. 12E, Elk County		
<b>API:</b>	15-049-22521-00-01		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Initial Perforations (October 2008)</b>			
4	Croweburg 1485.5' - 1488' Bevier 1470' - 1472'	6000 lbs 20/40 sand 406 bbls water 400 gals 15% HCl acid	1470' - 1488'
4	Mulky 1418.5' - 1422' Summit 1403.5' - 1405'	10000 lbs 20/40 sand 725 bbls water 400 gals 15% HCl acid	1403.5' - 1422'
<b>Recompletion Perforations (December 2008)</b>			
2	Layton Sand 822' - 828' Layton Sand 810' - 818'	14000 lbs 20/40 sand 696 bbls water 400 gals 15% HCl acid	810' - 828'

RECEIVED  
JUN 30 2009  
KCC WICHITA