

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**

*AMENDED*

Operator: License # 33365  
 Name: Layne Energy Operating, LLC  
 Address: 1900 Shawnee Mission Parkway  
 City/State/Zip: Mission Woods, KS 66205  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: M. B. Natrass  
 Phone: (913) 748-3987  
 Contractor: Name: MOKAT Drilling  
 License: 5831  
 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>11/10/2005</u>	<u>11/12/2005</u>	<u>1-12-2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30891-00-00  
 County: Montgomery  
 \_\_\_\_\_ NE NE Sec. 28 Twp. 31 S. R. 16  East  West  
1200 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: Heckman Well #: 1-28  
 Field Name: Cherokee Basin Coal  
 Producing Formation: Cherokee Coals  
 Elevation: Ground: 809' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1187' Plug Back Total Depth: 1183'  
 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 1184'  
 feet depth to Surface w/ 135 sx cmt.

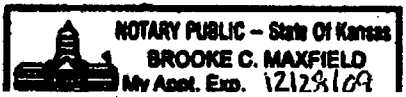
**Drilling Fluid Management Plan** *whm 3/10/08*  
 (Data must be collected from the Reserve Pit)  
 Chloride content N/A ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used N/A - Air Drilled  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ 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: *MB Natrass*  
 Title: Agent Date: 3/9/06  
 Subscribed and sworn to before me this 9<sup>th</sup> day of March  
 Notary Public: *Brooke C. Maxfield*  
 Date Commission Expires: 12/28/09

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**APR 30 2008**



CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Heckman Well #: 1-28  
 Sec. 28 Twp. 31 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.

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>523 GL</td> <td>286</td> </tr> <tr> <td>Excello Shale</td> <td>672 GL</td> <td>137</td> </tr> <tr> <td>V Shale</td> <td>722 GL</td> <td>87</td> </tr> <tr> <td>Mineral Coal</td> <td>762 GL</td> <td>47</td> </tr> <tr> <td>Mississippian</td> <td>1087 GL</td> <td>-278</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	523 GL	286	Excello Shale	672 GL	137	V Shale	722 GL	87	Mineral Coal	762 GL	47	Mississippian	1087 GL	-278
Name	Top	Datum																	
Pawnee Lime	523 GL	286																	
Excello Shale	672 GL	137																	
V Shale	722 GL	87																	
Mineral Coal	762 GL	47																	
Mississippian	1087 GL	-278																	

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	21'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1184'	Thick Set	135	

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		

<b>TUBING RECORD</b>		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	1052'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
1/13/2006			<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	8	92			

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b>

APR 30 2008

CONSERVATION DIVISION  
WICHITA, KS

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Heckman 1-28		
	Sec. 28 Twp. 31S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-30891-00-00		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1008-1010.5, 874-875.5, 821-822	Rowe, Bluejacket, Tebo - 3600# 20/40 sand, 1200 gal 15% HCl acid, 105 bbls wtr	821-1010.5
4	762-763.5, 723-725, 699-700.5, 671.5-677, 647.5-650	Mineral, Croweberg, Iron Post, Mulky, Summit - 8300# 20/40 sand, 3500 gal 15% HCl acid, 626 bbls wtr	647.5-763.5

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 30 2008

CONSERVATION DIVISION  
WICHITA, KS

# Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

April 25, 2008

Mr. Steve Bond  
Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

Re: Corrected Well Completion Form

Dear Mr. Bond:

I have enclosed the corrected ACO-1 form and associated data for the following well:

API # 15-125-30891-00-00  
Heckman 1-28

If you need additional information, please contact me at (913) 748-3960.

Sincerely,



MacLaughlin Darling  
Engineering Technician

Enclosures

cc: Well File  
Field Office

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 30 2008

CONSERVATION DIVISION  
WICHITA, KS

