

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

10/28/08
Form ACO-1
September 1999
Form Must Be Typed
ORIGINAL 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. Brent Natrass
Phone: (913) 748-3960
Contractor: Name: McPherson Drilling
License: 5675
Wellsite Geologist: _____

Designate Type of Completion:
____ New Well ____ Re-Entry ____ Workover
____ Oil ____ SWD ____ SLOW ____ 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>6/27/2006</u>	<u>6/29/2006</u>	<u>6/4/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31006-00-00
County: Montgomery
____ N/2 NW Sec. 5 Twp. 34 S. R. 16 East West
487 feet from S / (circle one) Line of Section
1329 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: King Well #: 3-5
Field Name: Jefferson-Sycamore

Producing Formation: Cherokee Coals
Elevation: Ground: 801' Kelly Bushing: _____
Total Depth: 1282' Plug Back Total Depth: 1266'
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 1266
feet depth to Surface w/ 130 sx cmt.

Drilling Fluid Management Plan 04 11-4-08
(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: MS Natrass
Title: Agent Date: 9/26/07
Subscribed and sworn to before me this 26 day of September,
2007.
Notary Public: Mae Laugulin Darling
Date Commission Expires: 1-4-2009

Ma
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
RECEIVED
KANSAS CORPORATION COMMISSION
SEP 28 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: King Well #: 3-5
 Sec. 5 Twp. 34 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>534 GL</td> <td>267</td> </tr> <tr> <td>Excello Shale</td> <td>706 GL</td> <td>95</td> </tr> <tr> <td>V Shale</td> <td>756 GL</td> <td>45</td> </tr> <tr> <td>Mineral Coal</td> <td>812 GL</td> <td>-11</td> </tr> <tr> <td>Mississippian</td> <td>1168 GL</td> <td>-367</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	534 GL	267	Excello Shale	706 GL	95	V Shale	756 GL	45	Mineral Coal	812 GL	-11	Mississippian	1168 GL	-367
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Pawnee Lime	534 GL	267																	
Excello Shale	706 GL	95																	
V Shale	756 GL	45																	
Mineral Coal	812 GL	-11																	
Mississippian	1168 GL	-367																	

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	20'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1266'	Thick Set	130	

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 <i>(Amount and Kind of Material Used)</i>	Depth
	See Attached Page		

TUBING RECORD	Size 2-3/8"	Set At 935'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 6/7/2007		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. 0	Gas Mcf 19	Water Bbls. 15	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented. Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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 WICHITA, KS

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	King 3-5		
	Sec. 5 Twp. 34S Rng. 16E, Montgomery County		
API:	15-125-31006-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Weir 895' - 899' Mineral 811' - 813'	7300 lbs 20/40 sand 478 bbls water 650 gals 15% HCl acid	811' - 899'
4	Croweburg 760' - 763' Bevier 746.5' - 747.5' Iron Post 736' - 737'	7900 lbs 20/40 sand 540 bbls water 650 gals 15% HCl acid	736' - 763'
4	Mulky 706.5' - 711.5' Summit 675' - 679' Anna Shale 554' - 558'	12700 lbs 20/40 sand 855 bbls water 875 gals 15% HCl acid	554' - 711.5'

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CONSERVATION DIVISION
WICHITA, KS

10/28/08

Layne Energy, Inc.

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

September 26, 2007

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

CONFIDENTIAL

Re: Amended Well Completion Forms

Dear Mr. Bond:

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

API # 15-125-31006-00-00
King 3-5

We respectfully request that all information submitted be kept confidential. Per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

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

Sincerely,



MacLaughlin Darling
Engineering Technician

Enclosures

cc: Well File
Field Office



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CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: King Well #: 3-5
 Sec. 5 Twp. 34 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>534 GL</td> <td>267</td> </tr> <tr> <td>Excello Shale</td> <td>706 GL</td> <td>95</td> </tr> <tr> <td>V Shale</td> <td>756 GL</td> <td>45</td> </tr> <tr> <td>Mineral Coal</td> <td>812 GL</td> <td>-11</td> </tr> <tr> <td>Mississippian</td> <td>1168 GL</td> <td>-367</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	534 GL	267	Excello Shale	706 GL	95	V Shale	756 GL	45	Mineral Coal	812 GL	-11	Mississippian	1168 GL	-367
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 OCT 24 2006
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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	1266'	Thick Set	130	

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
	SI-waiting on completion		

TUBING RECORD		Size	Set At	Packer At	Liner Run		
					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumerd Production, SWD or Enhr.			Producing Method				
SI-waiting on pipeline			<input type="checkbox"/> Flowing <input 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		

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

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 CONSERVATION DIVISION
 WICHITA, KS

MORNING COMPLETION REPORT

Report Called in by: : John Ed

Report taken by: KRD

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTD
KING 3-5		G01013700100	6/27/2006	1	DEPTH	TYPE FLUID
					TYPE	
PRESENT OPERATION:						WT
DRILL OUT FROM UNDER SURFACE						VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MO		
OD SHOE DEPTH	8 5/8" 24# J-55 — Set 20'	TEST PERFS		RIG NO BILLY		
PACKER OR ANCHOR	FISHING TOOLS OD ID	TO		SQUEEZED OR PLUG BACK PERFS		
		TO		TO		
		TO		TO		
		TO		TO		
		TO		TO		
HRS	BRIEF DESCRIPTION OF OPERATION					
	MIRU MCPHERSON DRILLING, DRILLED 11" HOLE, 20' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,					
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.					
	KCC					
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DAILY COST ANALYSIS

RIG	_____
SUPERVISION	_____ 200
RENTALS	_____
SERVICES	_____ 400
MISC	_____ 2280

DETAILS OF RENTALS, SERVICES, & MISC

MC DRILLING @ 6.50/ft	
MC (CEMENT)	80
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

DAILY TOTALS 2880 PREVIOUS TCTD TCTD 2880

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 WICHITA, KS

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TREATMENT REPORT & FIELD TICKET

CEMENT

CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 10239
 LOCATION Eureka
 FOREMAN Troy Strickler

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-30-06	4758	King 3-5				MG
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Layne Energy			446	Calin		
MAILING ADDRESS			439	Kyle		
P.O. Box 160						
CITY	STATE	ZIP CODE				
Sycamore	Ks					

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1282' CASING SIZE & WEIGHT 4 1/2" 10.5"
 CASING DEPTH 1266' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2" SLURRY VOL 418bl WATER gal/sk 8" CEMENT LEFT IN CASING 0
 DISPLACEMENT 20.1 Bl DISPLACEMENT-PSI 700 MIX PSI 1200 Pump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break circulation + wash down 10' casing.
Ramp 408bl water. Pump 15Bl Gel-Flush, 10Bl Metasilicate Ac-Flush, 9Bl Dye water.
Mixed 130sk Thick Set Cement w/ 10" Kol-Seal w/ 13.2" w/ 10" Wash
out Pump + lines Release Plug. Displace w/ 20.1 Bl water. Final Pump Pressure
700 PSI. Pump Plug to 1200 PSI wait 2mins Release Pressure Flood Hole.
Good Cement to surface = 78bl slurry top ft.

Job Complete

ACCOUNT CODE	QUANTITY OF UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE 2nd of 2 wells	3.15	
1126A	130sk	Thick Set Cement	14.65	1904.50
1110A	1200"	Kol-Seal 10" Perisk	.36"	468.00
1118A	200"	Gel-Flush	.14"	28.00
1111A	50"	Metasilicate	1.65"	82.50
5407A	7.15 Ton	Ten-mileage Bulk Truck	1.05	300.30
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
RECEIVED KANSAS CORPORATION COMMISSION <i>Thank You</i>				
OCT 24 2006				
CONSERVATION DIVISION WICHITA, KS			Sub Total	3623.30
			SALES TAX	1133.71
			ESTIMATED TOTAL	3757.01

AUTHORIZATION Called by John Ed

TITLE _____

DATE _____

200615

GEOLOGIC REPORT

LAYNE ENERGY
King 3-5
N/2 NW, 487 FNL, 1329 FWL
Section 5-T34S-R16E
Montgomery County, KS

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OCT 24 2006
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Spud Date: 6/27/2006
Drilling Completed: 6/29/2006
Logged: 6/29/2006
A.P.I. #: 15-125-31006
Ground Elevation: 801'
Depth Driller: 1282'
Depth Logger: 1280'
Surface Casing: 8.625 inches at 20'
Production Casing: 4.5 inches at 1266'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation	Tops (in feet below ground level)
Lansing Group	Surface (Stoner Limestone Member)
Pawnee Limestone	534
Excello Shale	706
"V" Shale	756
Mineral Coal	812
Mississippian	1,168

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OCT 24 2006
CONSERVATION DIVISION
WICHITA, KS

10/24/08

Layne Energy, Inc.

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

October 23, 2006

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

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 24 2006
CONSERVATION DIVISION
WICHITA, KS

Re: Well Completion Form

To Whom It May Concern:

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

API # 15-125-31006
King 3-5

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We respectfully request that all information submitted be kept confidential and per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information or have any questions or comments, please contact me at (913) 748-3987.

Best regards,


Brooke C. Maxfield

Enclosures

Cc Well File
Field Office

