

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

7/21/10

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 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. _____
4/24/2008 4/25/2008 Pending
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

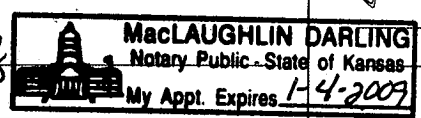
API No. 15 - 125-31605-00-00
County: Montgomery
NE NE Sec. 4 Twp. 32 S. R. 14 East West
821 feet from S / (N) (circle one) Line of Section
497 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Kramer Well #: 1-4
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 877' Kelly Bushing: _____
Total Depth: 1444 Plug Back Total Depth: 1435'
Amount of Surface Pipe Set and Cemented at 22 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1435
feet depth to Surface w/ 200 sx cmt.

Drilling Fluid Management Plan Alt II NH 8-B-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: _____
Title: Agent Date: 7-21-08
Subscribed and sworn to before me this 21 day of July
20 08.
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2009



KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
JUL 22 2008
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Kramer Well #: 1-4
 Sec. 4 Twp. 32 S. R. 14 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>922 GL</td> <td>-45</td> </tr> <tr> <td>Excello Shale</td> <td>1072 GL</td> <td>-195</td> </tr> <tr> <td>V-Shale</td> <td>1122 GL</td> <td>-245</td> </tr> <tr> <td>Mineral Coal</td> <td>1168 GL</td> <td>-291</td> </tr> <tr> <td>Mississippian</td> <td>1433 GL</td> <td>-556</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	922 GL	-45	Excello Shale	1072 GL	-195	V-Shale	1122 GL	-245	Mineral Coal	1168 GL	-291	Mississippian	1433 GL	-556
Name	Top	Datum																	
Pawnee Lime	922 GL	-45																	
Excello Shale	1072 GL	-195																	
V-Shale	1122 GL	-245																	
Mineral Coal	1168 GL	-291																	
Mississippian	1433 GL	-556																	

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"	8.625"	24	22'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1435'	Thick Set	200	50/50 posmix w/2% gel

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>
		RECEIVED KANSAS CORPORATION COMMISSION JUL 22 2008 CONSERVATION DIVISION WICHITA, KS

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. Shut-In	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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

Layne Energy, Inc.

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

July 21, 2008

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

Re: Well Completion Form

Dear Mr. Bond:

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

API # 15-125-31605-00-00
Kramer 1-4

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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

MacLaughlin Darling
Engineering Technician

Enclosures

cc: Well File
Field Office



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WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Kramer 1-4
NE NE, 821 FNL, 497 FEL
Section 4-T32S-R14E
Montgomery County, KS

Spud Date: 4/24/2008
Drilling Completed: 4/25/2008
Logged: 4/28/2008
A.P.I. #: 15125316050000
Ground Elevation: 877'
Depth Driller: 1444'
Depth Logger: 1441.5'
Surface Casing: 8.625 inches at 22'
Production Casing: 4.5 inches at 1435'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

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KCC

Formation

	Tops	
	(below ground)	(subsea)
Surface (South		
Bend Limestone		
Member)		877
Lansing Group		
Pawnee Limestone	922	-45
Excello Shale	1,072	-195
"V" Shale	1,122	-245
Mineral Coal	1,168	-291
Mississippian	1,433	-556

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WICHITA, KS

Daily Well Work Report

KRAMER 1-4

4/25/2008

Well Location:
MONTGOMERY KS
32S-14E-4 NE NE
821FNL / 497FEL

Cost Center G01054200100
Lease Number G010542
Property Code KSSY32S14E0401
API Number 15-125-31605

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
4/24/2008	4/25/2008				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1444	1435	22	1435	0	0

Reported By KRD	Rig Number	Date 4/24/2008
Taken By KRD		Down Time
Present Operation DRILL OUT SURFACE		Contractor MCPHERSON

Narrative

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MIRU MCPHERSON, DRILLED 11" HOLE, 22' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,
MIXED 4 1/2" TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$2880
KCC

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CONSERVATION DIVISION
WICHITA, KS

13985

CONSOLIDATED OIL WELL SERVICES, LLC
P.O. BOX 884, CHANUTE, KS 66720
320-431-9210 OR 800-467-8676

TICKET NUMBER
LOCATION EUREKA
FOREMAN RICK LEDFORD

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
4-29-08	4258	Kramer 1-4				MG	
CUSTOMER							
MAILING ADDRESS							
CITY		STATE	ZIP CODE				
Layne Energy		KS					
P.O. Box 160							
Sycamore							
JOB TYPE	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT				
Logging	6 7/8"	1444'	4 1/2" 10.5"				
CASING DEPTH	DRILL PIPE	TUBING	OTHER				
1442'							
CURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING				
13.9"	50 bbl	6.1	0'				
DISPLACEMENT	DISPLACEMENT PSI	PSI	RATE				
23 bbl	600	1000					

65
Tons

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Kyle		
479	Shannon		

REMARKS: Safety meeting- Rig up to 4 1/2" casing. Break circulation w/ 35 bbl fresh water. Pump 6 sacks gel-flush w/ bulls, 20 bbl water spacer, 5 bbl dye water. Mixed 200 sacks 50/50 Permiv cement w/ 220 gal, 220 cack, 4" Kol-seal, 3" cal-seal, 1/8" floack 1/2" FL-110 & 1/2" CAF-38 @ 13.9 = 100% yield 1.0. Washout pump + lines shut down. release plug. Displace w/ 23 bbl fresh water. Final pump pressure 600 PSI. Pump release to 2000 @. wait 2 minutes. release pressure, float held. Good cement returns to surface = 8 bbl slurry to pit. Job complete. Rig down.

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"Thank You"

KCC

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	0	MILEAGE 200 well	n/c	n/c
1124	200 sacks	50/50 Permiv cement	9.30	1860.00
1118A	340 #	220 gal	.16	54.40
1102	340 #	220 cack	.70	238.00
1110A	800 #	Kol-seal 4" 100%K	.40	320.00
1101	600 #	cal-seal 3" 100%K	.35	210.00
1107	25 #	flack 1/8" 100%K	1.98	49.50
1135	84 #	1/2" FL-110	7.15	600.60
1146	42 #	1/2" CAF-38	7.30	306.60
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1118A	300 #	gel-flush	.16	48.00
1105	50 #	bulls	.37	18.50
5407A	8.4	top-mileage bulk trix	1.14	383.04
4404	1	4 1/2" top rubber plug	42.00	42.00
			subtotal	5005.64
			5.38 SALES TAX	198.68
			ESTIMATED TOTAL	5204.25

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CONSERVATION DIVISION
WICHITA, KS

AUTHORIZATION Tracy McCall TITLE 221591 DATE _____
 Received Time Apr. 30, 2008 2:29PM No. 3379