

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

11/03/10

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: MoKat
License: 5831

KCC
NOV 03 2008
CONFIDENTIAL

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>7/31/2008</u>	<u>8/4/2008</u>	<u>10/1/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31644-00-00
County: Montgomery
E2 - SW - SW Sec. 3 Twp. 31 S. R. 16 East West
521 feet from S / N (circle one) Line of Section
934 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Leedy Well #: 13-3
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 801' Kelly Bushing: _____
Total Depth: 1122' Plug Back Total Depth: 1120'
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 1120
feet depth to Surface w/ 155 sx cmt.

Drilling Fluid Management Plan AHJNH 1-709
(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: 11-3-08
Subscribed and sworn to before me this 3 day of November,
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

MacLAUGHLIN DARLING
Notary Public - State of Kansas
My Appt. Expires 1-4-2009

NOV 04 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Leedy Well #: 13-3
 Sec. 3 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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron
 Dual Induction

KCC
NOV 03 2008
CONFIDENTIAL

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	496 GL	305
Excello Shale	632 GL	169
V-Shale	684 GL	117
Mineral Coal	723 GL	78
Mississippian	1024 GL	-223

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	21'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1120'	Thick Set	155	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 (Amount and Kind of Material Used)	Depth
	See Attached Page		

RECEIVED
 KANSAS CORPORATION COMMISSION
 NOV 04 2008

TUBING RECORD	Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS
	2-3/8"	1051'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Date of First, Resumerd Production, SWD or Enhr. 10/7/2008 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	12	0		

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify)

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Leedy 13-3		
	Sec. 3 Twp. 31S Rng. 16E, Montgomery County		
API:	15-125-31644-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (September 2008)			
4	Riverton 1000' - 1002' Neutral 983.5' - 987'	6600 lbs 20/40 sand 595 bbls water 1050 gals 15% HCl acid	983.5' - 1002'
4	Rowe 961.5' - 966'	1700 lbs 20/40 sand 312 bbls water 550 gals 15% HCl acid	961.5' - 966'
4	Tebo 784.5' - 786.5' Mineral 723' - 725'	5200 lbs 20/40 sand 513 bbls water 500 gals 15% HCl acid	723' - 786.5'
4	Croweburg 685' - 687' Iron Post 662.5' - 664.5'	4800 lbs 20/40 sand 456 bbls water 550 gals 15% HCl acid	662.5' - 687'
4	Mulky 633' - 638'	7000 lbs 20/40 sand 269 bbls water 300 gals 15% HCl acid	633' - 638'

KCC
NOV 03 2008
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 04 2008

CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

LEEDY 13-3
7/31/2008

Well Location:
MONTGOMERY KS
31S-16E-3 E2 SW SW
521FSL / 934FWL

Cost Center C01026600100
Lease Number C010266
Property Code KSCV31S16E0313
API Number 15-125-31644

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnetsID
7/31/2008	8/4/2008	10/1/2008	10/7/2008	10/3/2008	LEEDY_13_3

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1122	1120	21	1120	0	0

Reported By KRD	Rig Number	Date 7/31/2008
Taken By KRD		Down Time
Present Operation DRILL OUT SURFACE		Contractor MOKAT

Narrative

MIRU MOKAT DRILLING, DRILLED 11" HOLE, 21' DEEP, RIH W/1 JT 8' 5/8" SURFACE CASING, MIXED 4 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$2880

KCC
NOV 03 2008
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 04 2008

CONSERVATION DIVISION
WICHITA, KS



CONSOLIDATED
Oil Well Services, L.L.C.

ENTERED



TICKET NUMBER 18954
LOCATION EURKA
FOREMAN RICK LEONARD

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-4-08	4758	LEEDY 13-3				MC
CUSTOMER Layne Energy			615 Toro			
MAILING ADDRESS P.O. Box 140			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Sycamore			468	Shannon		
STATE KS			477	John		
ZIP CODE						

JOB TYPE longstring HOLE SIZE 6 7/8" HOLE DEPTH 1122' CASING SIZE & WEIGHT 4 1/2" 10.5"
CASING DEPTH 1112' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 13.9# SLURRY VOL 39 bbl WATER gal/sk 6.1 CEMENT LEFT in CASING 0'
DISPLACEMENT 17 3/4 bbl DISPLACEMENT PSI 600 ~~PSI~~ 1000 RATE _____

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 1.25 bbl fresh water. Washdown 3' to T.O. Pump 35 bbl fresh water ahead. Pump to 500 gal flush w/ hulls 5 bbl water spacer. Mixed 155 sacks 50/50 Permian cement w/ 270 cgl, 270 gal, 4" Kal-seal, 3" cal-seal, 1/2" phenoxal, 1/2" 70 FE-110 & 1/4" 70 CAF-38 @ 13.9# yield 1.10. Washout pump & lines shut down, release plug. Displace w/ 17 3/4 bbl fresh water. Final pump pressure 600 PSI. Run plug to 1000 PSI, wait 2 minutes, release pressure, float held. Good cement returns to surface. 2 bbl slurry to pit. Job complete. Rig down.

"Thank You"

KCC

NOV 03 2008

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	40	MILEAGE	3.65	146.00
1124	155 sacks	50/50 Permian cement	9.25	1511.25
1102	260 #	270 cgl	.75	195.00
1118A	260 #	270 gal	.17	44.20
1118A	620 #	4" Kal-seal	.42	260.40
1101	465 #	3" cal-seal	.36	167.40
1102A	19 #	1/2" phenoxal	1.15	21.85
1135	78 #	1/2" 70 FE-110	7.50	585.00
1146	39 #	1/4" 70 CAF-38	7.70	300.30
1118A	300 #	gal-flush	.17	51.00
1105	50 #	hulls	.39	19.50
5407	6.51	tan-mileage bulk TRK	m/c	305.00
4409	1	4 1/2" top rubber plug	45.00	45.00
5605A	4 hrs.	welder	85.00	340.00
4311	1	4 1/2" weld on collar	60.00	60.00
			sub total	4981.90
			SALES TAX	172.84
			ESTIMATED TOTAL	5154.74

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 04 2008

CONSERVATION DIVISION
WICHITA, KS

5.37%

Revin 3737

AUTHORIZATION Witnessed by Jacob

2043876
TITLE Co. Rep.

DATE _____

GEOLOGIC REPORT

LAYNE ENERGY

Leedy 13-3

SW SW, 521 FSL, 934 FWL

Section 3-T30S-R16E

Montgomery County, KS

Spud Date: 7/31/2008
Drilling Completed: 8/4/2008
Logged: 8/4/2008
A.P.I. #: 15125316440000
Ground Elevation: 801'
Depth Driller: 1122'
Depth Logger: 1122'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1120'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

Formation

	Tops	
	(below ground)	(subsea)
	Surface (Dewey	
Kansas City Group	Limestone)	801
Pawnee Limestone	496	305
Excello Shale	632	169
"V" Shale	684	117
Mineral Coal	723	78
Mississippian	1,024	-223

KCC
NOV 03 2008
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 04 2008

CONSERVATION DIVISION
WICHITA, KS