

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

10/31/09
Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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 Drilling
License: 5831
Wellsite Geologist: _____

API No. 15 - 125-29727-00-01
County: Montgomery
NE SE NE Sec. 14 Twp. 32 S. R. 16 East West
3580 feet from (S) N (circle one) Line of Section
560 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Keck Well #: 1
Field Name: Cherryvale-Coffeyville
Producing Formation: Weir Coal
Elevation: Ground: 845' Kelly Bushing: _____
Total Depth: 1014' Plug Back Total Depth: 970'
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 970
feet depth to Surface w/ 112 sx cmt.

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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: J J Leasing
Well Name: Keck 1
Original Comp. Date: 12/27/1993 Original Total Depth: 1014'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back 970' Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

8/8/2007 8/13/2007
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Drilling Fluid Management Plan Alt II NS 32309
(Data must be collected from the Reserve Pit)
Chloride content zero ppm Fluid volume 400 bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite:
Operator Name: SC2
Lease Name: Smith License No.: 5968
Quarter SE Sec. 33 Twp. 31 S. R. 17 East West
County: Montgomery 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: 10-31-07

Subscribed and sworn to before me this 31 day of October,
20 07.

Notary Public: MacLaughlin Darline
Date Commission Expires: 1-4-2009

KCC Office Use ONLY
 Letter of Confidentiality Attached **RECEIVED**
If Denied, Yes Date: KANSAS CORPORATION COMMISSION
 Wireline Log Received **NOV 01 2007**
 Geologist Report Received
CONSERVATION DIVISION
WICHITA, KS

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

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Operator Name: Layne Energy Operating, LLC Lease Name: Keck Well #: _____
 Sec. 14 Twp. 32 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: Cased hole Gammy-Ray-Neutron & Cement Bond	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Pawnee</td> <td>504 GL</td> <td>341</td> </tr> <tr> <td>Fort Scott</td> <td>596 GL</td> <td>249</td> </tr> <tr> <td>Mulky</td> <td>660 GL</td> <td>185</td> </tr> <tr> <td>Bevier Coal</td> <td>686 GL</td> <td>159</td> </tr> <tr> <td>Weir Coal 830 GL & 15</td> <td>Bartlesville</td> <td>890 GL & -45</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Pawnee	504 GL	341	Fort Scott	596 GL	249	Mulky	660 GL	185	Bevier Coal	686 GL	159	Weir Coal 830 GL & 15	Bartlesville	890 GL & -45
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	8-5/8"	7"	23	21'	Portland	5	
Production	6-1/4"	4-1/2"	9.5	970'	Portland	112	10 Gel Poly

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth
	See Attached Page			

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>846'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>8/18/2007</u>		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. <u>0</u>	Gas Mcf <u>19</u>	Water Bbls. <u>3</u>	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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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Keck 1		
	Sec. 14 Twp. 32S Rng. 16E, Montgomery County		
API:	15-125-29727-00-01		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Original Perforations (1993)			
4	Weir 830' - 834'	144 lbs 16/30 sand 467 bbls water 100 gals 15% HCl acid 20 balls	830' - 834'
Recompletion Perforations (8/2007)			
4	Mineral 746' - 749' Croweburg 708' - 711'	9000 lbs 16/30 sand 511 bbls water w/ gel 400 gals 15% HCl acid 48 ball sealers	708' - 749'
4	Mulky 655' - 661' Summit 628' - 632'	11000 lbs 16/30 sand 642 bbls water w/ gel 400 gals 15% HCl acid 75 Balls	628' - 661'

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