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KANSAS CORPORATION COMMISSION

5/22/09

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

MAY 24 2007

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE
CONSERVATION DIVISION
WICHITA, KS

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) 748-3960
Contractor: Name: Thornton Air Rotary
License: 33606
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. _____

1/26/2007 1/29/2007
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-27095-00-00
County: Wilson
____ NW SW Sec. 1 Twp. 30 S. R. 16 East West
1980 feet from N (circle one) Line of Section
660 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Hare Well #: 12-1
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 861' Kelly Bushing: _____
Total Depth: 1144' Plug Back Total Depth: 1133'
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 1133'
feet depth to Surface w/ 120 sx cmf.

Drilling Fluid Management Plan AH II NH10-2008
(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: 5/23/07
Subscribed and sworn to before me this 23rd day of May
20 07
Notary Public: M. Allen
Date Commission Expires: 10/14/08

MARGARET ALLEN
Notary Public - State of Kansas
My Appt. Expires 10/14/2008

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Layne Energy Operating, LLC Lease Name: Hare Well #: 12-1
 Sec. 1 Twp. 30 S. R. 16 East West County: Wilson

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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>543 GL</td> <td>318</td> </tr> <tr> <td>Excello Shale</td> <td>654 GL</td> <td>207</td> </tr> <tr> <td>V Shale</td> <td>721 GL</td> <td>140</td> </tr> <tr> <td>Mineral Coal</td> <td>758 GL</td> <td>103</td> </tr> <tr> <td>Mississippian</td> <td>1067 GL</td> <td>-206</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	543 GL	318	Excello Shale	654 GL	207	V Shale	721 GL	140	Mineral Coal	758 GL	103	Mississippian	1067 GL	-206
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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	21'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1133'	Thick Set	120	

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	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> RECEIVED KANSAS CORPORATION COMMISSION MAY 24 2007 CONSERVATION DIVISION WICHITA, KS </div>	

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
	0	0	0		

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

HARE 12-1

API Number:

AFE Number: C01027200200

Project Area:

CHERRYVALE
KS WILSON
30S - 16E - 1
1980FSL - 660FWL

AFE Amount:

Activity Date	Activity Description
---------------	----------------------

1/26/2007

MIRU Thorton Drilling, drilled 11' hole, 21' deep, rih w/1jt 8-5/8" surface casing. Mixed 4 sxs type 1 cement, dumped dn the back side. SDFN. DWC: \$2880

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CONSERVATION DIVISION
WICHITA, KS

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

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TREATMENT REPORT & FIELD TICKET
 CEMENT

TICKET NUMBER 16819
 LOCATION EUREKA
 FOREMAN Rick Leonard

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-30-07	4758	HAGE 12-1				Wagon
CUSTOMER <u>Layne Energy</u>						
MAILING ADDRESS <u>P.O. Box 110</u>						
CITY <u>Symamore</u> STATE <u>KS</u> ZIP CODE						
JOB TYPE <u>logging</u>		HOLE SIZE <u>6 3/4"</u>	HOLE DEPTH <u>1144'</u>	CASING SIZE & WEIGHT <u>4 1/2"</u>		
CASING DEPTH <u>1133'</u>		DRILL PIPE	TUBING	OTHER		
SLURRY WEIGHT <u>13.2"</u>		SLURRY VOL <u>3200</u>	WATER gal/sk <u>8"</u>	CEMENT LEFT IN CASING <u>0'</u>		
DISPLACEMENT <u>18 bbl</u>		DISPLACEMENT PSI <u>500</u>	PSI <u>1000</u>	RATE		

REMARKS: Safety meeting - log up to 4 1/2" casing. Break circulation w/ 25 bbl fresh water. Pump 4 sks gel-flush, 20 bbl fresh water spacer, 1 sk metasilicate pre-flush, 2 bbl dye water. Mixed 120 sks thickest cement w/ 10" Kal-seal @ 13.2" @ 13.2" @ 13.2". without pump + hoses. shut down, release plug. Displace w/ 18 bbl fresh water. Final pump pressure 500 PSI. Pump plug to 1000 PSI. wait 2 mins. release pressure. float held. Good cement returns to surface - 7 bbl slurry to pit. Job complete. log down.

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"Thank You"

MAY 24 2007

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	CONSERVATION DIVISION TOTAL	
			UNIT PRICE	WICHITA, KS
5401	1	PUMP CHARGE		
5406	40	MILEAGE	840.00	840.00
			2.30	172.00
1121a	120 sks	thickest cement		
1110A	1200 "	Kal-seal 10" @ 13.2"	15.40	1848.00
			.38	456.00
1118A	200 "	gel-flush		
1111A	50 "	metasilicate pre-flush	.15	30.00
			1.65	82.50
5407A	6.6	tax mileage back tax		
			1.10	290.40
5502C	3 hrs	80 bbl IAC TRK		
1123	3000 gal	city water	90.00	270.00
			12.00	36.00
4404	1	4 1/2" top rubber plug		
			40.00	40.00

Post-it® Fax Note 7671 Date 5/22/07 # of pages 1

To Mal From Michelle

Co./Dept. Layne Co. Wayne

Phone # _____ Phone # _____

Fax # 418-748-3950 Fax # _____

6.3	subtotal	4027.30
	SALES TAX	157.18
	ESTIMATED TOTAL	4184.48
	DATE	

21103

GEOLOGIC REPORT

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CONSERVATION DIVISION
WICHITA, KS

LAYNE ENERGY
Hare 12-1
NW SW, 1812 FSL, 582 FWL
Section 1-T30S-R16E
Wilson County, KS

Spud Date: 1/26/2007
Drilling Completed: 1/29/2007
Logged: 1/30/2007
A.P.I. #: 15205270950000
Ground Elevation: 861'
Depth Driller: 1144'
Depth Logger: 1135'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1133'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

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Formation

	Tops	
	(below ground)	(subsea)
	Surface (Bonner Springs Shale)	861
Kansas City Group		
Pawnee Limestone	543	318
Excello Shale	654	207
"V" Shale	721	140
Mineral Coal	758	103
Mississippian	1,067	-206