

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

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KANSAS CORPORATION COMMISSION

Form ACO-1

September 1999

Form Must Be Typed

APR 11 2009

4-1-09

3/31/11

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: Timothy H. Wright Phone: (913) 748-3960 Contractor: Name: Thornton Air Rotary License: 33606

Wellsite Geologist: Designate Type of Completion: [X] New Well [] Re-Entry [] Workover [] Oil [] SWD [] SIOW [] Temp. Abd. [X] 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.

12/29/2008 Spud Date or Recompletion Date 12/30/2008 Date Reached TD Pending Completion Date or Recompletion Date

API No. 15 - 205-27749-00-00 County: Wilson Sec. 29 Twp. 30 S. R. 15 [X] East [] West 2190 feet from S / [N] (circle one) Line of Section 360 feet from E / [W] (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner: (circle one) NE SE [W] SW Lease Name: Drewry Well #: 5-29 Field Name: Cherokee Basin Coal Area Producing Formation: Cherokee Coals

Elevation: Ground: 962' Kelly Bushing: Total Depth: 1437' Plug Back Total Depth: 1405' Amount of Surface Pipe Set and Cemented at 22 Feet Multiple Stage Cementing Collar Used? [] Yes [X] No If yes, show depth set Feet If Alternate II completion, cement circulated from 1405 feet depth to Surface w/ 150 sx cm.

Drilling Fluid Management Plan (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. AHIND 5809

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: [Signature] Title: Project Engineer Date: 3/31/09 Subscribed and sworn to before me this 31 day of March 20 09. Notary Public: MacLaughlin Darling Date Commission Expires: 1-4-2013

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



Operator Name: Layne Energy Operating, LLC Lease Name: Drewry Well #: 5-29
 Sec. 29 Twp. 30 S. R. 15 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 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

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	884 GL	78
Excello Shale	997 GL	-35
V-Shale	1067 GL	-105
Mineral Coal	1110 GL	-148
Mississippian	1351 GL	-389

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	22'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1405'	Thick Set	150	8 lbs KOL seal

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
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TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
Pending	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Gas-Oil Ratio Gravity
Oil Bbls. <u>0</u>	Gas Mcf <u>0</u> Water Bbls. <u>0</u>

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 _____

Daily Well Work Report

DREWRY 5-29

12/30/2008

Well Location:
WILSON KS
30S-15E-29 SW SW NW
2190FNL / 360FWL

Cost Center G01071800100
Lease Number G010718
Property Code KSSY30S15E2905
API Number 15-205-27749

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnelID
12/29/2008	12/30/2008				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1437	1405	22	1405	0	0

Reported By KRD	Rig Number	Date 12/29/2008
Taken By KRD		Down Time
Present Operation DRILL OUT SURFACE		Contractor THORNTON ROTARY

Narrative

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

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CONSERVATION DIVISION
WICHITA, KS



CONSOLIDATED
Oil Well Services, LLC



ENTERED

TICKET NUMBER 20760

LOCATION Eureka

FOREMAN Russell McLoy

PO Box 884, Chanute, KS 68720
820-431-8210 or 800-467-8876

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-31-08	4758	Drewry 5-29				Wilson
CUSTOMER			TRUCK #			
HAYME Energy			DRIVER			
MAILING ADDRESS			TRUCK #			
P.O. Box 160			DRIVER			
CITY						
STATE						
ZIP CODE						
Sycamore						
KS						

JOB TYPE logging HOLE SIZE 6 3/4 HOLE DEPTH 1437 CASING SIZE & WEIGHT 4 1/2 10.5 #
 CASING DEPTH 1405 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 134 SLURRY VOL 47 Bbl WATER gal/ek 8.0 CEMENT LEFT in CASING 0
 DISPLACEMENT 22 3/4 DISPLACEMENT PSI 700 MIX PSI Bump Plug 1200 RATE _____

REMARKS: Safety meeting Rig up to 4 1/2 casing, Break circulation w/ 25 bbl water, Pump 35 Bbl water to get Air out of well bore. Pump 10 SKI Gel w/ Mulls mixed in. Pump 2 Bbl water spacer. Mix 150 SKI T.S. cement w/ 8 # Kalsol 1/8 # Phenoseal 1/2 CFL-110 1/4 # CAF-38 at 12.4 # per gallon wash out Pump + lines, Release 4 1/2 Top Rubber Plug. Displace w/ 22 3/4 Bbl Fresh water Final Pump PSI was 700 # Pump Plug to 1200 # check Pump After 2 min Float Held. 9 Bbl Good cement Slurry to Surface. Annulus stored Full of cement. Job complete, Tear Down.

Thank You
Russell McLoy

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
1126 A	150 SKI	Thickset cement	17.00	2550.00
1110 A	1200 #	Kalsol 8 # Per/ek	.48	504.00
1107 A	19 #	Phenoseal 1/8 # Per/SK	1.15	21.95
1135	75 #	1/2 # CFL-110 (Fluid Loss)	7.50	562.50
1146	38 #	1/4 CAF-38 (De Foamer)	7.70	292.60
1118 A	500 #	gel-Flush	.17	85.00
1105	50 #	Mulls	.39	19.50
5407A	8.25 Tons	Ton mileage Bulk Cement	1.20	396.00
4404	1	4 1/2 Top Rubber Plug	45.00	45.00
Sub Total				5647.45
SALES TAX ESTIMATED TOTAL				200.08

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Sub Total 5647.45
SALES TAX ESTIMATED TOTAL 200.08
TOTAL 5847.53

Rev'n 3737

228011

AUTHORIZATION witness By Jacob TITLE Co. Rep DATE 12-31-08

GEOLOGIC REPORT

LAYNE ENERGY

Drewry 5-29

SW SW NW, 2190 FNL, 360 FWL

Section 29-T30S-R15E

Montgomery County, KS

Spud Date: 12/29/2008
Drilling Completed: 1/0/1900
Logged: 12/31/2008
A.P.I. #: 15205277490000
Ground Elevation: 962'
Depth Driller: 1437'
Depth Logger: 1435'
Surface Casing: 8.625 inches at 22'
Production Casing: 4.5 inches at 1405'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

Formation	Tops	
	(below ground)	(subsea)
	Surface (Stanton	
South Bend LS	LS)	962
Pawnee Limestone	884	78
Excello Shale	997	-35
"V" Shale	1,067	-105
Mineral Coal	1,110	-148
Mississippian	1,351	-389

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