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Handwritten initials and date: 3/2/09

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL 1/30/11

Form ACO-1
September 1999
Form Must Be Typed

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

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FEB 02 2009
CONSERVATION DIVISION
WICHITA, KS

Wellsite Geologist: _____
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temporarily Abandoned
 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. D-30,351

10-24-2008 10/30/2008 11/26/2008
Spud Date Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 019-26924-00-00 D-30,351
County: Chautauqua
N2 NE NE NE Sec. 4 Twp. 33 S. R. 13 East West
165764 feet from S (circle one) Line of Section
380 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Wyriok SWD Well #: 1-4
Field Name: Cherokee Basin Coal Area

Producing Formation: Arbuckle Disposal
Elevation: Ground: 876' Kelly Bushing: _____
Total Depth: 2163' Plug Back Total Depth: 1911'
Amount of Surface Pipe Set and Cemented at 45 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1911'
feet depth to Surface w/ 325 sx cmt.

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.: _____

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: 1-30-2009
Subscribed and sworn to before me this 30 day of January,
2009.
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2013

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
Notary Public - State of Kansas
My Appt. Expires 1-4-2013
(Permit dr. add. by TV)

Operator Name: Layne Energy Operating, LLC Lease Name: Wyrick SWD Well #: 1-4
 Sec. 4 Twp. 33 S. R. 13 East West County: Chautauqua

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 checked="" type="checkbox"/> Yes <input 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 border="0" style="width:100%"> <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>1069 GL</td> <td>-193</td> </tr> <tr> <td>Excello Shale</td> <td>1215 GL</td> <td>-339</td> </tr> <tr> <td>V-Shale</td> <td>1260 GL</td> <td>-384</td> </tr> <tr> <td>Mineral Coal</td> <td>1305 GL</td> <td>-429</td> </tr> <tr> <td>Mississippian</td> <td>1609 GL</td> <td>-733</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	1069 GL	-193	Excello Shale	1215 GL	-339	V-Shale	1260 GL	-384	Mineral Coal	1305 GL	-429	Mississippian	1609 GL	-733
Name	Top	Datum																	
Pawnee Lime	1069 GL	-193																	
Excello Shale	1215 GL	-339																	
V-Shale	1260 GL	-384																	
Mineral Coal	1305 GL	-429																	
Mississippian	1609 GL	-733																	

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	45'	Class A	8	Type 1 cement
Casing	6.75"	5.5"	10.5	1911'	Thick Set	325	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				KCC JAN 30 2009 CONFIDENTIAL

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
	Open Hole Arbuckle 1911' - 2163'	RECEIVED KANSAS CORPORATION COMMISSION FEB 02 2009 CONSERVATION DIVISION WICHITA, KS	1911' - 2163'

TUBING RECORD		Size <u>2-7/8"</u>	Set At <u>1881'</u>	Packer At <u>1881'</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>1/12/2009</u>			Producing Method <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

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) Arbuckle Disposal

Production Interval _____

Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3950

January 30, 2009

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KANSAS CORPORATION COMMISSION

FEB 02 2009

CONSERVATION DIVISION
WICHITA, KS

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 # 15-019-26924-00-00
Wyrick SWD 1-4

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
Engineering Technician

Enclosures

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CONSOLIDATED
Oil Well Services, LLC



ENTERED

TICKET NUMBER 20307

LOCATION EURKA

FOREMAN Rex L... ..

PO Box 884, Chanute, KS 66720
620-431-8210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-30-08	4758	Wyckx SWD #1-4				
CUSTOMER Layne Energy			Cus Invs			
MAILING ADDRESS P.O. Box 160			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Sycamore			463	Shannon		
STATE KS			543	DAVID		
ZIP CODE			439	Calin		
			452,763	Jim		

JOB TYPE log string HOLE SIZE 7 7/8" HOLE DEPTH 2094' CASING SIZE & WEIGHT 5 1/2" 19.50"
 CASING DEPTH 1911' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14" SLURRY VOL _____ WATER gal/sk 7.0 CEMENT LEFT In CASING 0'
 DISPLACEMENT 46.6 DISPLACEMENT PSI 1000 PSI 1500 RATE 4 bpm while displacing

REMARKS: Safety meeting. Rig up to 5 1/2" casing. Break circulation w/ 100 bbl fresh water. Washdown 25' to TD. Pump 20 bbl water ahead. Mix 10 sacs gel-flush, 5 bbl water spacer. Mixed 325 sacs 100/40 Permian cement w/ 470 gal, 5" Kol-sol #100 + 22a coccol @ 14" #104. Washdown pump & lines shut down, release 5 1/2" plug. Displace w/ 46.6 bbl fresh water. Final pump pressure 1000 PSI Pump plug to 1500 PSI. Wait 2 mins. release pressure. Plug held. Good cement returns to surface = 10 bbl slurry to pit. Job complete. Rig down.

'Thank You'

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
1131	325 sacs	100/40 Permian cement	11.25	3656.25
1118A	1120"	470 gal	.17	190.40
1118A	11625"	5" Kol-sol #100	.12	1395.00
1102	560"	22a coccol	.75	420.00
1118A	500"	gel-flush	.17	85.00
5501C	4 hrs	water transport	112.00	448.00
1129	5000 gals	city water	14.00	70.00
5407A	13.98	ten-mileage bulk tax	1.20	16.78
4406	1	5 1/2" top outer plug	61.00	61.00
5605A	4 hrs	welder	85.00	340.00
			Subtotal	7227.69
			SALES TAX (6.3%)	455.40
			ESTIMATED TOTAL	7683.09

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CONSERVATION DIVISION
WICHITA, KS

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Rev'n 3737

AUTHORIZATION [Signature]

TITLE 201049

DATE _____

Daily Well Work Report

WYRICK 1-4 SWD

10/30/2008

Well Location:
CHAUTAUQUA KS
33S-13E-4 N2 NE NE NE
116FNL / 380FEL

Cost Center G01056800100
Lease Number G010568
Property Code KSLE33S13E0401D
API Number 15-019-26924

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnetiD
10/24/2008	10/30/2008	11/26/2008		1/7/2009	WYRICK_1_4SWD
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
2163	1911	45	1911	0	0

Reported By KRD	Rig Number	Date 10/24/2008
Taken By KRD		Down Time
Present Operation DRILL OUT SURFACE		Contractor MCPHERSON DRILLING

Narrative

MIRU MCPHERSON DRILLING, DRILLED 11" HOLE, 45' DEEP, RIH W/2 JT 8 5/8" SURFACE CASING, MIXED 8 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$3160

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WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Wyrick 1-4 SWD
NE NE, 116 FNL, 380 FEL
Section 4-T33S-R13E
Chautauqua County, KS

Spud Date: 10/24/2008
Drilling Completed: 10/30/2008
Logged: 10/30/2008
A.P.I. #: 15019269240000
Ground Elevation: 876
Depth Driller: 2163
Depth Logger: 2075
Surface Casing: 8.625 inches at 45'
Production Casing: 4.5 inches at 1,911'
Cemented Job:
Open Hole Logs: High Resolution Compensated Density Sidewall
Neutron Log; Dual Induction LL3/GR Log

Formation	Tops	
	(below ground)	(subsea)
	Surface (Stranger Formation)	876
Douglas Group		
Pawnee Limestone	1,069	-193
Excello Shale	1,215	-339
"V" Shale	1,260	-384
Mineral Coal	1,305	-429
Mississippian	1,609	-733

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