

ORIGINAL

# CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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

RECEIVED  
KANSAS CORPORATION COMMISSION  
September 1999  
Form Must Be Typed  
AUG 13 2007  
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. Brent Natrass  
Phone: (913) 748-3960  
Contractor: Name: Thornton Air Rotary  
License: 33606

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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. \_\_\_\_\_

4/17/2007      4/18/2007      6/29/2007  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 125-31325-00-00  
County: Montgomery  
\_\_\_\_\_ NE SW Sec. 29 Twp. 31 S. R. 17  East  West  
1734 feet from  N (circle one) Line of Section  
1705 feet from E /  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW

Lease Name: Big Hill Farms Well #: 11-29  
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals

Elevation: Ground: 809' Kelly Bushing: \_\_\_\_\_

Total Depth: 1063' Plug Back Total Depth: 1055'

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 1055'

feet depth to Surface w/ 110 sx cmt.

Drilling Fluid Management Plan Art II NT 28329  
(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

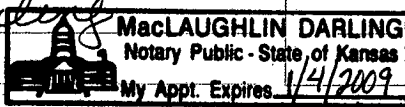
Title: Agent Date: 8/10/07

Subscribed and sworn to before me this 10 day of August

20 07

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  
\_\_\_\_\_ Distribution

Operator Name: Layne Energy Operating, LLC Lease Name: Big Hill Farms Well #: 11-29  
 Sec. 29 Twp. 31 S. R. 17  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:  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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>427 GL</td> <td>382</td> </tr> <tr> <td>Excello Shale</td> <td>578 GL</td> <td>232</td> </tr> <tr> <td>V Shale</td> <td>632 GL</td> <td>177</td> </tr> <tr> <td>Mineral Coal</td> <td>675 GL</td> <td>135</td> </tr> <tr> <td>Mississippian</td> <td>985 GL</td> <td>-176</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	427 GL	382	Excello Shale	578 GL	232	V Shale	632 GL	177	Mineral Coal	675 GL	135	Mississippian	985 GL	-176
Name	Top	Datum																	
Pawnee Lime	427 GL	382																	
Excello Shale	578 GL	232																	
V Shale	632 GL	177																	
Mineral Coal	675 GL	135																	
Mississippian	985 GL	-176																	

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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"	8.625"	24	21'	Class A	4	Type 1 cement
Casing	6.75"	4.5	10.5	1055'	Thick Set	110	10# KOB seal @ sx

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 <i>(Amount and Kind of Material Used)</i>
	See Attached Page	<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b>  <b>AUG 13 2007</b>  <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>946'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>SI - Waiting to be connected</b>		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

Production Interval  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

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CONSERVATION DIVISION  
WICHITA, KS

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Big Hill Farms 11-29		
	Sec. 29 Twp. 31S Rng. 17E, Montgomery County		
<b>API:</b>	15-125-31325-00-00		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Initial Perforations</b>			
4	Neutral 925' - 926' Rowe 916.5' - 918'	4600 lbs 20/40 sand 351 bbls water 750 gals 15% HCl acid	916.5' - 926'
4	Bluejacket 815' - 816.5' Weir 798' - 799.5'	5000 lbs 20/40 sand 418 bbls water 650 gals 15% HCl acid	798' - 816.5'
4	Mineral 674' - 675.5' Croweburg 632' - 635' Bevier 609' - 611'	5200 lbs 20/40 sand 586 bbls water 750 gals 15% HCl acid	609' - 675.5'
4	Mulky 577.5' - 583' Summit 550' - 556'	7500 lbs 20/40 sand 705 bbls water 1070 gals 15% HCl acid	550' - 583'

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CONSERVATION DIVISION  
WICHITA, KS

# Daily Well Work Report

BIG HILL FARMS 11-29

4/18/2007

**Well Location:**  
MONTGOMERY KS  
31S-17E-29 SW NE SW  
1734FSL / 1705FWL

**Cost Center** C01012200900  
**Lease Number** C010122  
**Property Code** KSCV31S17E2911  
**API Number** 15-125-31325

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
4/17/2007	4/18/2007	6/29/2007		7/31/2007	BIGHILL_11_29
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1063	1055	20	1055	0	0

**Reported By** KRD      **Rig Number**      **Date** 4/17/2007  
**Taken By** KRD      **Down Time**  
**Present Operation** Drill out from under surface      **Contractor** Thornton Drilling

### Narrative

Miru Thornton Drilling, drilled 11" hole, 20' deep, rih w/ 1 jt 8-5/8" surface casing, mxd 4 sxs type 1 cmt, dumped dn the backside, sdfn.  
DWC: \$ 2,880

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

**KCC**  
 APR 10 2007  
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 TREATMENT REPORT & FIELD TICKET  
 CEMENT

TICKET NUMBER 17286  
 LOCATION Chanute  
 FOREMAN Rick Long

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-19-07	4758	Rig Hill Farm 4-29				Osage
CUSTOMER Layne Gressy			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 110			463	Kyle		
CITY Sycamore			515	Colin		
STATE KS			452/763	Jim		
ZIP CODE						

JOB TYPE long string HOLE SIZE 6 3/4" HOLE DEPTH 1063' CASING SIZE & WEIGHT 4 1/2" 10.5"  
 CASING DEPTH 1055' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.0" SLURRY VOL 34 Bbl WATER gal/sk 8.0" CEMENT LEFT in CASING 0'  
 DISPLACEMENT 16 3/4 Bbl DISPLACEMENT PSI 500 800 PSI 1000 RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 20 Bbl fresh water. Pump 4 sacks gel-flush, 10 Bbl fresh water spacer, 1 sk metasilicate pre-flush, 9 Bbl dry water. Mixed 110 sacks thixot cement w/ 10" ket-seal @ 13.2" R/W. Washout pump + lines, shut down. Letting plug. Displace w/ 110 Bbl fresh water. Final pump pressure 500 psi. Pump plug to 1000 PSI, wait 2 mins, release pressure, first hold. Good cement returns to surface = 7 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 RECEIVED	840.00	840.00
5406	40	MILEAGE KANSAS CORPORATION COMMISSION	3.80	152.00
		AUG 13 2007		
1126A	110 sacks	thixot cement	15.40	1694.00
1110A	1100"	ket-seal 10" R/W CONSERVATION DIVISION WICHITA, KS	1.37	1507.00
1118A	200"	gel-flush	.15	30.00
1111A	50"	metasilicate pre-flush	1.65	82.50
5407A	6.05	ten-mileage bulk tax	1.10	6.65
5502C	3 hrs	80 Bbl vac. tax	98.00	294.00
1123	3000 gals	city water	12.80	38.40
4404	1	4 1/2" top rubber plug	40.00	40.00
		subtotal		3811.10
		SALES TAX	5.32	122.05
		ESTIMATED TOTAL		3933.15

213061

AUTHORIZATION \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 13 2007

CONSERVATION DIVISION  
WICHITA, KS

## GEOLOGIC REPORT

LAYNE ENERGY  
Big Hill Farms 11-29  
NE SW, 1734 FSL, 1705 FWL  
Section 29-T31S-R17E  
Montgomery County, KS

Spud Date: 4/17/2007  
Drilling Completed: 4/18/2007  
Logged: 4/18/2007  
A.P.I. #: 15125313250000  
Ground Elevation: 809'  
Depth Driller: 1063'  
Depth Logger: 1060'  
Surface Casing: 8.625 inches at 21'  
Production Casing: 4.5 inches at 1055'  
Cemented Job: 0  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

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### Formation

	Tops	
	(below ground)	(subsea)
	Surface (Dennis	
Kansas City Group	Limestone)	809
Pawnee Limestone	427	382
Excello Shale	578	232
"V" Shale	632	177
Mineral Coal	675	135
Mississippian	985	-176

CONSOLIDATED OIL WELL SERV. CO., LLC

AUG 13 2007

TICKET NUMBER 17286

P.O. BOX 884, CHANUTE, KS 66720

CONSERVATION DIVISION  
WICHITA, KS

LOCATION Flint

620-431-9210 OR 800-467-8676

FOREMAN Rick Larson

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-19-07	4758	Rig H21 Farms 4-29				ME
CUSTOMER Layne Energy			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 160			463	Kyle	KCC	
CITY Sycamore	STATE KS	ZIP CODE	515	Colin	APR 10 2007	
			452/763	Jim	CONFIDENTIAL	

JOB TYPE log string HOLE SIZE 6 3/4" HOLE DEPTH 1063' CASING SIZE & WEIGHT 4 1/2" 18.5"  
 CASING DEPTH 1055' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.0 # SLURRY VOL 34 Bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 1634 Bbl DISPLACEMENT PSI 500 ~~600~~ PSI 1000 RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 20 Bbl fresh water. Pump 4 sacks gel-flush, 10 Bbl fresh water spacer, 1 sk metasilicate pre-flush, 9 Bbl dye water. Mixed 110 sacks thixot cement w/ 10" kd-seal @ 132 #/sk. Washout pump + lines, shut down, release plug. Displace w/ 1634 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. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	840.00	840.00
5406	40	MILEAGE	3.80	152.00
1126A	110 sacks	thixot cement	15.40	1694.00
1110A	110 #	kd-seal 10 #/sk	.37	41.80
1118A	200 #	gel-flush	.15	30.00
1111A	50 #	metasilicate pre-flush	1.65	82.50
5407A	6.05	ten-mileage truck trip	1.10	6.66
5502C	3 hrs	80 Bbl vac. trip	90.00	270.00
1123	3000 gals	city water	12.80	38.40
4404	1	4 1/2" top rubber plug	40.00	40.00
			5.32	3811.10
			SALES TAX	172.05
			ESTIMATED TOTAL	3983.15

213061

AUTHORIZATION \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 13 2007

CONSERVATION DIVISION  
WICHITA, KS

## GEOLOGIC REPORT

LAYNE ENERGY  
Big Hill Farms 11-29  
NE SW, 1734 FSL, 1705 FWL  
Section 29-T31S-R17E  
Montgomery County, KS

Spud Date: 4/17/2007  
Drilling Completed: 4/18/2007  
Logged: 4/18/2007  
A.P.I. #: 15125313250000  
Ground Elevation: 809'  
Depth Driller: 1063'  
Depth Logger: 1060'  
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Production Casing: 4.5 inches at 1055'  
Cemented Job: 0  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

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### Formation

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	(below ground)	(subsea)
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