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

ORIGINAL

8/20/09
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: M. Brent Natrass
Phone: (913) 748-3960
Contractor: Name: McPherson Drilling
License: 5675
Wellsite Geologist: _____

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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: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to SWD
 Plug Back Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

4/24/2007	4/25/2007	Pending
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31343-00-00
County: Montgomery
____ NW SE Sec. 34 Twp. 33 S. R. 16 East West
2144 feet from N (circle one) Line of Section
2242 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Dunbar Well #: 10-34
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 828' Kelly Bushing: _____
Total Depth: 1230' Plug Back Total Depth: 1181'
Amount of Surface Pipe Set and Cemented at 40 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1181
feet depth to Surface w/ 130 sx cmt.

Reservoir Fluid Management Plan AN INJ 7809
(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.: _____

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WICHITA, KS

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: MS Natrass
Title: Agent Date: 8/20/07
Subscribed and sworn to before me this 8 day of August
20 07
Notary Public: MacLaughlin Darling
Date Commission Expires: 1/4/2009

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

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

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Operator Name: Layne Energy Operating, LLC Lease Name: Dunbar Well #: 10-34
 Sec. 34 Twp. 33 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: 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>496 GL</td> <td>332</td> </tr> <tr> <td>Excello Shale</td> <td>672 GL</td> <td>156</td> </tr> <tr> <td>V Shale</td> <td>725 GL</td> <td>103</td> </tr> <tr> <td>Mineral Coal</td> <td>776 GL</td> <td>52</td> </tr> <tr> <td>Mississippian</td> <td>1123 GL</td> <td>-295</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	496 GL	332	Excello Shale	672 GL	156	V Shale	725 GL	103	Mineral Coal	776 GL	52	Mississippian	1123 GL	-295
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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	# Sacjs Used	Type and Percent Additives
Surface	11"	8.625"	24	40'	Class A	10	Type 1 cement
Casing	6.75"	4.5"	10.5	1181'	Thick Set	130	#10 KOL 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 (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, Resumerd Production, SWD or Enhr. SI - waiting on pipeline		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) _____

Production Interval _____

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Daily Well Work Report

DUNBAR 10-34

4/25/2007

Well Location:
MONTGOMERY KS
33S-16E-34 NW SE
2144NSL / 2242FEL

Cost Center G01010900100
Lease Number G0i0109
Property Code KSDC33S16E3410
API Number 15-125-31343

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
4/24/2007	4/25/2007				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1230	1181	40	1181	0	0

Reported By KRD	Rig Number	Date 4/24/2007
Taken By KRD		Down Time
Present Operation Drill out from Under Surface		Contractor McPherson Drilling

Narrative

MIRU McPherson Drilling, drilled 11" hole, 40' deep, rih w/2jt 8-5/8" surface casing. Mixed 10 sxs type 1 cement, dumped dn the back side. SDFN. DWC:\$3,160

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

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TICKET NUMBER 17295
 LOCATION EUREKA
 FOREMAN RICK LEONARD

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-26-07	4258	Quibar 10-34				Mc
CUSTOMER Layne Energy			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS P.O. Box 160			463 Kyle			
CITY STATE ZIP CODE Sycamore KS			439 Jarrid			
			436 J.P.			

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH _____ CASING SIZE & WEIGHT 4 1/2" 40.5"
 CASING DEPTH 1181' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2" SLURRY VOL 40 Bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 18 3/4 Bbl DISPLACEMENT PSI 500 ~~1000~~ PSI 1000 RATE _____

REMARKS: Safety meeting - Rig up to 4 1/2" casing. Break circulation w/ 25 Bbl fresh water. Pump 4 sacks gel-flush, 1 sack metasilicate pre-flush, 20 Bbl fresh water spacer, 10 Bbl dye water. Mixed 130 sacks thickset cement w/ 10" Kel-seal @ 13.2" w/c. Washout pump & lines, shut down, release plug. Displace w/ 19 1/2 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 = 2 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	200.00	200.00
5406	40	MILEAGE	3.20	128.00
1126A	130 sacks	thickset cement	15.40	2002.00
1116A	1300 "	Kel-seal 10" w/c	.38	494.00
1118A	200 "	gel-flush	.15	30.00
1111A	50 "	metasilicate pre-flush	1.65	82.50
5407A	7.15	ten-mileage bulk tax	1.10	319.60
5502C	4 hrs	80 Bbl vac TRX	95.00	380.00
1123	3000 gals	city water	12.00	36.00
4404	1	4 1/2" top rubber plug	40.00	40.00
			subtotal	4333.50
			5.5%	SALES TAX
				ESTIMATED TOTAL
				4475.91

213217

AUTHORIZATION _____ TITLE _____ DATE _____

GEOLOGIC REPORT

LAYNE ENERGY
Dunbar 10-34
NW SE, 2144 FSL, 2242 FEL
Section 34-T33S-R16E
Montgomery County, KS

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Spud Date: 4/24/2007
Drilling Completed: 4/25/2007
Logged: 4/26/2007
A.P.I. #: 15125313430000
Ground Elevation: 828'
Depth Driller: 1230'
Depth Logger: 1206'
Surface Casing: 8.625 inches at 41'
Production Casing: inches at '
Cemented Job: 0
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation	Tops	
	(below ground)	(subsea)
Surface (Nelly Bly Formation)		828
Kansas City Group	496	332
Pawnee Limestone	672	156
Excello Shale	725	103
"V" Shale	776	52
Mineral Coal	1,123	-295
Mississippian		

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