

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

9/13/09

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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 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. _____

<u>5/21/2007</u>	<u>5/22/2007</u>	<u>Pending</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31366-00-00
County: Montgomery
____ NW SE Sec. 28 Twp. 31 S. R. 17 East West
1978 feet from (S) N (circle one) Line of Section
1978 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Smith Well #: 10-28
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 921' Kelly Bushing: _____
Total Depth: 1187' Plug Back Total Depth: 1181'
Amount of Surface Pipe Set and Cemented at 20 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/ 120 _____ sx cmt.

Drilling Fluid Management Plan ATJNS 2-2009
(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: [Signature]
Title: Agent Date: 9/13/07
Subscribed and sworn to before me this 13 day of September
2007.
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
 UIC Distribution

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KANSAS CORPORATION COMMISSION

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

Operator Name: Layne Energy Operating, LLC Lease Name: Smith Well #: 10-28
 Sec. 28 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 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

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<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	528 GL	393
Excello Shale	675 GL	246
V Shale	730 GL	192
Mississippian	1091 GL	-170

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	20'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1181'	Thick Set	120	#10 KOL seal @ sx

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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		

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 <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
SI - waiting on pipeline					
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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GEOLOGIC REPORT

LAYNE ENERGY
Smith 10-28
NW SE, 1978 FSL, 1978 FEL
Section 28-T31S-R17E
Montgomery County, KS

Spud Date: 5/21/2007
Drilling Completed: 5/22/2007
Logged: 5/22/2007
A.P.I. #: 15125313660000
Ground Elevation: 921'
Depth Driller: 1187'
Depth Logger: 1187'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1181'
Cemented Job: 0
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation	Tops	
	(below ground)	(subsea)
	Surface (Nellie Bly Formation)	921
Kansas City Group		
Pawnee Limestone	528	393
Excello Shale	675	246
"V" Shale	730	192
Mineral Coal	0	921
Mississippian	1,091	-170

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CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

SMITH 10-28
5/22/2007

Well Location:
MONTGOMERY KS
31S-17E-28 NW SE
1978FSL / 1978FEL

Cost Center C01019600100
Lease Number C010196
Property Code KSCV31S17E2810
API Number 15-125-31366

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
5/21/2007	5/22/2007				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1187	1181	20	4.5	0	0

Reported By krd	Rig Number	Date 5/21/2007
Taken By krd		Down Time
Present Operation Drill out surface		Contractor Thornton

Narrative

MIRUThornton Drilling, drilled 11'hole, 20' deep, rih w/1 jt 8-5/8" surface casing. Mixed 4 sxs type 1 cement, dumped dn the back side. SDFN. DWC: \$2,880

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Thursday, September 13, 2007

SEP 14 2007 Page 3 of 3

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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TICKET NUMBER 17428
 LOCATION Eureka
 FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-24-07	4758	Smith 10-28				MO
CUSTOMER Layne Energy			Gus Jones			
MAILING ADDRESS P.O. Box 160						
CITY Sycamore	STATE Ks	ZIP CODE				
TRUCK #		DRIVER	TRUCK #		DRIVER	
445		Justin				
479		Jeff				

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1187' CASING SIZE & WEIGHT 4 1/2" 10.5"
 CASING DEPTH 1182' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2" SLURRY VOL 380bl WATER gal/sk 8" CEMENT LEFT in CASING 0'
 DISPLACEMENT 18.86bl DISPLACEMENT PSI 600 MIX PSI 1100 bump plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2" casing Break Circulation w/ 250bl water.
Mixed 40K Gel-Flush, 50bl water, 100bl Metasilicate Acc-Flush, 20bl Operator.
Mixed 120 sks Thick Set Cement w/ 10" Kal-Seal @ 13.2" hpl w/ out
Ramp + lines. Release Plug. Displace w/ 18.8 bl water. Final Pumping Pressure
600 psi bump plug to 1100 PSI. Wait 2 hrs. Release Pressure. Float Hold.
Good Cement to surface = 76bl slurry to pt.

Job Complete

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	840.00	840.00
5406	40	MILEAGE	3.30	N/A
1126A	120sks	Thick Set Cement	15.40	1848.00
1110A	1200"	Kal-Seal 10" P/SK	.38	456.00
1118A	200"	Gel-Flush	.15	30.00
1114A	50"	Metasilicate Acc-Flush	1.65	82.50
5407A	6.6 Ton	Ton-Mileage Bulk Truck	1.10	290.90
4404	1	4 1/2" Top Rubber Plug RECEIVED KANSAS CORPORATION COMMISSION	40.00	40.00
SEP 14 2007				
CONSERVATION DIVISION WICHITA, KS				
Thank You!				
			Sub Total	3586.90
			SALES TAX 5.32	130.19
			ESTIMATED TOTAL	3717.09

AUTHORIZATION Called by Mueger TITLE Co-Rep DATE _____

213699