

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL 9/17/09

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: Thornton Air Rotary
License: 33606
Wellsite Geologist: _____

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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. _____

5/30/2007	5/31/2007	Pending
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31354-00-00
County: Montgomery
____ NE SW Sec. 17 Twp. 32 S. R. 17 East West
1980 feet from S / N (circle one) Line of Section
1980 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Jabben Well #: 11-17
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 808' Kelly Bushing: _____
Total Depth: 1102' Plug Back Total Depth: 1097'
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 1097
feet depth to Surface w/ 115 sx cmt.

Drilling Fluid Management Plan AM# US 219-09
(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: 9/17/07
Subscribed and sworn to before me this 17 day of September
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
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION

Maclaughlin Darling
Notary Public - State of Kansas
My Appt. Expires 1-4-2009

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CONSERVATION DIVISION
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Operator Name: Layne Energy Operating, LLC Lease Name: Jabben Well #: 11-17
 Sec. 17 Twp. 32 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	428 GL	380
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	581 GL	227
List All E. Logs Run:		V Shale	638 GL	170
Compensated Density Neutron		Mineral Coal	683 GL	126
Dual Induction		Mississippian	1003 GL	-195

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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	20'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1097'	Thick Set	115	#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 <i>(Amount and Kind of Material Used)</i>	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
Jabben 11-17
NE SW, 1980 FSL, 1980 FWL
Section 17-T32S-R17E
Montgomery County, KS

Spud Date: 5/30/2007
Drilling Completed: 5/31/2007
Logged: 5/31/2007
A.P.I. #: 15125313540000
Ground Elevation: 808'
Depth Driller: 1102'
Depth Logger: 1102'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1097'
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)	808
Pawnee Limestone	428	380
Excello Shale	581	227
"V" Shale	638	170
Mineral Coal	683	126
Mississippian	1,003	-195

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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 17455
 LOCATION EUREKA
 FOREMAN RICK LORRAN

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-4-07	4758	JAGEN 11-17				MO
CUSTOMER Layne Energy						
MAILING ADDRESS P.O. Box 100			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Sycamore			463	Ryle		
STATE KS			439	Jarrod		
ZIP CODE						

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1102' CASING SIZE & WEIGHT 4 1/2" 10.30
 CASING DEPTH 1097' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2# SLURRY VOL 36 bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 17 1/2 bbl DISPLACEMENT PSI 500 ~~500~~ PSI 1000 RATE _____

REMARKS: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ 20 bbl fresh water. Pump 4 sks gel-flush, 1 sk metasilicate pre-flush, 20 bbl fresh water spacer, 8 bbl dye water. mixed 115 sks thickset cement w/ 10" Kol-sol @ 13.2# P/L. washout pump + lines, shut down release plug. Displace w/ 17 1/2 bbl fresh water. Final pump pressure 500 psi. Bump plug to 1000 psi, wait 2 mins, release pressure, flat head. 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		
5406	40	MILEAGE	840.00	840.00
			3.25	132.00
1126A	115 sks	thickset cement	15.40	1771.00
1110A	1150 #	Kol-sol 10" P/L	.38	437.00
1118A	200 #	gel-flush	.15	30.00
1111A	50 #	metasilicate pre-flush	1.65	82.50
5407A	6.53	tan-mulch bulk frie	1.10	208.82
4404	1	4 1/2" top cutter plug	40.00	40.00
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			Subtotal	2411.02
			SALES TAX	125.10
			ESTIMATED TOTAL	2536.12

AUTHORIZATION called by musser

TITLE _____

DATE _____

213920

3736.12

Daily Well Work Report

JABBEN 11-17

5/31/2007

Well Location:
MONTGOMERY KS
32S-17E-17 NE SW
1980FSL / 1980FWL

Cost Center
Lease Number
Property Code
API Number

C01017100100
C010171A
KSCV32S17E1711
15-125-31354

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Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
5/30/2007	5/31/2007				
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1102	1097	20	1097	0	0
Reported By KRD	Rig Number	Date	5/30/2007		
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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WICHITA, KS

Monday, September 17, 2007

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