

CONFIDENTIAL

ORIGINAL

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

Form ACO-1
September 1999
Form Must Be Typed

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

1/29/11

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
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: SAME AS ABOVE
Original Comp. Date: 5/30/2001 Original Total Depth: 1107
 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. _____
10/16/2008 10/21/2008
Spud Date or Date Reached TD Completion Date or Recompletion Date
Recompletion Date

API No. 15 - 125-30008-00-02
County: Montgomery
_____ SE NE Sec. 11 Twp. 32 S. R. 16 East West
3300 feet from N (circle one) Line of Section
660 feet from W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Holt Well #: 1
Field Name: Coffeyville-Cherryvale
Producing Formation: Mississippian Lime
Elevation: Ground: unknown Kelly Bushing: _____
Total Depth: 1107' Plug Back Total Depth: 1084'
Amount of Surface Pipe Set and Cemented at 21.7 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1107'
feet depth to Surface w/ 145 sx cmt.

Drilling Fluid Management Plan NO WT - 27-09
(Data must be collected from the Reserve Pit)
Chloride content 1000 ppm Fluid volume 80 bbls
Dewatering method used Pumped out / push in
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: Project Engineer Date: 1/29/09
Subscribed and sworn to before me this 29 day of January,
2009.
Notary Public: MacLaughlin Darline
Date Commission Expires: 1-4-2013



KCC Office Use ONLY
Y Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
JAN 30 2009

Operator Name: Layne Energy Operating, LLC Lease Name: Holt Well #: 1
 Sec. 11 Twp. 32 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 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:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum previously submitted with driller's log by the original operator on the original ACO-1
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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	11-1/4"	8-5/8"	35	21.7'	Portland	5	
Casing	6-3/4"	4-1/2"	9.5	1084'	Portland A	145	

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
	See Attached		

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TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2-3/8"	760'			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr.			Producing Method				
10/23/2008			<input type="checkbox"/> Flowing <input checked="" 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		
	0	20	0				

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____

Production Interval Other (Specify) _____

Operator Name: Layne Energy Operating, LLC.
Lease Name: Holt 1
 Sec. 11 Twp. 32S Rng. 16E, Montgomery County
API: 15-125-30008-00-02

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (May 2001)			
	Mississippian 1084' - 1107'	Open Hole Mississippian	1084' - 1107'
1st Recompletion Perforations (February 2007)			
4	Rowe 1012' - 1013' Bartlesville Sand 870' - 872' Weir 850' - 852'	7100 lbs 20/40 sand 500 gal 15% HCl acid 513 bbls water	850' - 1013'
2nd Recompletion Perforations (October 2008)			
4	Croweburg 731' - 735' Iron Post 706.5' - 709'	6700 lbs 20/40 sand 420 gal 15% HCl acid 575 bbls water	706.5' - 735'
4	Mulky 679.5' - 685'	4100 lbs 20/40 sand 760 gal 12.5% HCl acid 340 bbls water	679.5' - 685'
4	Summit 650' - 654'	200 lbs 20/40 sand 300 gal 15% HCl acid 50 bbls water	650' - 654'

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