

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISIONForm ACO-1
September 1999
Form Must Be TypedWELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

7/27/09

Operator: License # 33452 33365
 Name: Layne Energy Operating, LLC
 Address: 1900 Shawnee Mission Pkwy
 City/State/Zip: Mission Woods, KS 66205
 Purchaser: Oneok
 Operator Contact Person: Victor H. Dyal
 Phone: (913) 748-3960
 Contractor: Name: Layne Christensen Canada, Ltd.
 License: 32999 33682
 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: 6/30/2003 Original Total Depth: 1231'____ 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. _____

3/30/2007

4/3/2007

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - 125-30168-00-01

County: MontgomeryNE SE Sec. 8 Twp. 33 S. R. 16 ☒ East ☐ West2156 feet from (S) N (circle one) Line of Section584 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SWLease Name: Henderson H Well #: 9-8Field Name: BrewsterProducing Formation: Cherokee CoalsElevation: Ground: 829' Kelly Bushing: _____Total Depth: 1231' Plug Back Total Depth: 1189'Amount of Surface Pipe Set and Cemented at 21 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1229.5'feet depth to Surface w/ 150 sx cmt.

WD-15-8/6/09

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content N/A ppm Fluid volume _____ bblsDewatering 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: _____

Title: Agent Date: 7-27-07Subscribed and sworn to before me this 27 day of July2007Notary Public: MacLaughlin DarlingDate Commission Expires: 9/4/2009

KCC Office Use ONLY

☒ Letter of Confidentiality AttachedIf Denied, Yes ☐ Date: _____

____ Wireline Log Received

____ Geologist Report Received

KCC Distribution

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Henderson H 9-8		
	Sec. 8 Twp. 33S Rng. 16E, Montgomery County		
API:	15-125-30168-00-01		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Weir 889.5' - 892.5'	165 gals Regas 30 bbls KCl water 165 gals 15% HCl acid	889.5' - 892.5'
4	Weir 889.5' - 892.5'	7128 lbs 20/40 sand 4326 lbs 12/20 sand 610 bbls gel water 250 gals 15% Fe	889.5' - 892.5'
New Perforations			
4	Rowe 1079.5' - 1081' Mineral 805' - 806.5' Croweburg 764.5' - 766'	7200 lbs 20/40 sand 560 bbls water 1000 gals 15% HCl acid	764.5' - 1081'

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CONSERVATION DIVISION
WICHITA, KS

JUL 27 2007

Operator Name: Layne Energy Operating, LLCLease Name: Henderson HWell #: 9-8Sec. 8 Twp. 33 S. R. 16 ✓ East WestCounty: Montgomery

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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

✓ Log Formation (Top), Depth and Datum Sample

Name Top Datum

Pawnee Lime 550 KB 282

Excello Shale 711 KB 121

V Shale 762 KB 70

Weir - Pitt Coal 889 KB -57

Mississippian 1151 KB -319

CASING RECORD ✓ New 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	# Sacks Used	Type and Percent Additives
Surface	12.25"	8.625"	23	21'	Portland	8	
Casing	7-7/8"	5.5"	15.5	1229.5'	Thix, Glsnite	150	2% Ccl2, 6% Cls

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
	See Attached Page		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1126'		Yes ✓ No
Date of First, Resumed Production, SWD or Enhr. 4/5/2007	Producing Method			
	Flowing ✓ Pumping Gas Lift Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	0	16	25	

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ✓ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

☐ Open Hole ✓ Perf. ☐ Dually Comp. ☒ Commingled
☐ Other (Specify) _____

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