

ORIGINAL

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

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 32334
Name: Chesapeake Operating, Inc.
Address: P. O. Box 18496
City/State/Zip: Oklahoma City, OK 73154-0496
Purchaser: Duke
Operator Contact Person: Jim Reisch, Barbara Bale
Phone: (405) 848-8000
Contractor: Name: Murfin Drilling
License: 30606
Wellsite Geologist: Vern Schrag
Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SIOW ☐ Temp. ☐ 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. _____
01/23/04 02/02/04 03/11/04
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 081-21505 - 0000
County: Haskell
SW NW SW Sec. 34 Twp. 29 S. R. 34 ☐ East ☒ West
1500 feet from (S) N (circle one) Line of Section
400 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: MLP Clawson Well #: 4-34
Field Name: So. Eubank Waterflood Unit
Producing Formation: Chester
Elevation: Ground: 2970' Kelly Bushing: 2975'
Total Depth: 5600' Plug Back Total Depth: 5548'
Amount of Surface Pipe Set and Cemented at 1834 Feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set 3000' Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1200 ppm Fluid volume 300 bbls
Dewatering method used _____
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: Barbara J. Bale for Jim Reisch
Title: Asset Manager Date: 07/07/04
Subscribed and sworn to before me this 8th day of July,
20 04.
Notary Public: Lucretia A. Morris #00018352

Date Commission Expires: 11/27/04
OKLAHOMA NOTARY PUBLIC
OFFICIAL SEAL
LUCRETIA A. MORRIS
OKLAHOMA COUNTY
MY COMMISSION EXPIRES 11-27-2004

KCC Office Use ONLY

☐ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

Operator Name: Chesapeake Operating, Inc. Lease Name: MLP Clawson Well #: 4-34
 Sec. 34 Twp. 29 S. R. 34 ☐ East ☒ West County: Haskell

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:

DIL; CNL/FDC/ML

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Chase	2571	-1404
Heebner Shale	3994	-1019
Lansing	4095	-1120
Stark Shale	4532	-1557
Cherokee Shale	4886	-19-1
Morrow Shale	5230	-2255
St. Genevieve	5564	-2589

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	# Sacs Used	Type and Percent Additives
Surf	12-1/4	8-5/8	24#	1834'	Cl. C 15:85 Poz	150 623	
Prod	7-7/8	5-1/2	15.5#	5599'	240 Cl. H	240	
Port Collar				2997'	Lite Cl. C	375 150	1/4# Flo Seal

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	5481'-94'	Common	150	Set retainer, Sqz thru retainer TD 1800 PSIG

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
4	5467-71'	NA	
1	5438-54'	NA	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	5469'	NA	☐ Yes ☒ No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
03/13/04	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	40	0	70	

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) _____

