Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 15 2009

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC064894A

1a. Type of Well ☒ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator CHESAPEAKE OPERATING, INC. Contact: LINDA GOOD E-Mail: linda.good@chk.com

8. Lease Name and Well No. PLU PIERCE CANYON 17 FEDERAL 1H

3. Address OKLAHOMA CITY, OK 73154-0496

3a. Phone No. (include area code) Ph: 405.935.4275

9. API Well No. 30-015-36635-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SESE 350FSL 350FEL

At top prod interval reported below NENE 368FNL 401FEL

At total depth NENE 368FNL 401FEL

CONFIDENTIAL

10. Field and Pool, or Exploratory WILDCAT 97748

11. Sec., T., R., M., or Block and Survey or Area Sec 17 T25S R30E Mer NMP

12. County or Parish EDDY

13. State NM

14. Date Spudded 09/29/2008

15. Date T.D. Reached 11/25/2008

16. Date Completed ☐ D & A ☒ Ready to Prod. 03/08/2009

17. Elevations (DF, KB, RT, GL)* 3237 GL

18. Total Depth: MD 12740 TVD 8226

19. Plug Back T.D.: MD 12658 TVD 8145

20. Depth Bridge Plug Set. MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DSN SDLDLL MGRD

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0		700		912		0	
12.250	9.625 J-55	40.0		3746		1520		0	
8.750	5.500 L-80	20.0		12740		2300		4000	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	7530	7526						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING	8513	12601	8513 TO 12601		500	OPEN
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8513 TO 12601	FRAC W/50,000 GAL 15% HCL, 90,600 BBL, 3,704,000# SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
01/31/2009	03/15/2009	1	→	4.0	661.0	73.0			FLOWS FROM WELL

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
44/64	510		→	96	661	1752		POW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
			→					

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #68704 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

ACCEPTED FOR RECORD
APR 11 2009
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
BASE OF SALT	3747	3780	LIMESTONE	BASE OF SALT	3747
BONE SPRING	7570	10841	LIMESTONE	BONE SPRING	7570
WOLFCAMP	10841	12740		WOLFCAMP	10841

32. Additional remarks (include plugging procedure):
PLEASE FIND THE ATTACHED DIRECTIONAL SURVEY, DEVIATION REPORT & WELL SCHEMATIC.

LOGS BEING SENT VIA UPS OVERNIGHT TO JERRY FANT.

CHK NATIONWIDE BOND #NM2634

(CHK PN 62390)

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #68704 Verified by the BLM Well Information System.
For CHESAPEAKE OPERATING, INC., sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 04/07/2009 (09KMS1127SE)

Name *(please print)* LINDA GOOD Title SR. REGULATORY COMPLIANCE SPEC

Signature (Electronic Submission) Date 04/06/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****