

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM077004

- 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 OPERTING INC Contact: BRENDA COFFMAN  
E-Mail: bcoffman@chkenergy.com8. Lease Name and Well No.  
EXCALIBUR 17 FEDERAL 013. Address P O BOX 11050  
MIDLAND, TX 79702-80503a. Phone No. (include area code)  
Ph: 432.685.43109. API Well No.  
30-025-36543-00-X1

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

At surface SESE 860FSL 660FEL

At top prod interval reported below SESE 860FSL 660FEL

At total depth SESE 860FSL 660FEL

10. Field and Pool, or Exploratory  
BUFFALO VALLEY11. Sec., T., R., M., or Block and Survey  
or Area Sec 17 T19S R33E Mer NMP12. County or Parish  
LEA 13. State  
NM14. Date Spudded  
10/06/200415. Date T.D. Reached  
11/19/200416. Date Completed  
☐ D & A ☒ Ready to Prod.  
02/25/200517. Elevations (DF, KB, RT, GL)\*  
3643 GL18. Total Depth: MD 13746  
TVD 1374619. Plug Back T.D.: MD 13265  
TVD 1326520. Depth Bridge Plug Set: MD 13275  
TVD 1327521. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GR CBL CCL22. 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0			450	450		0	
11.000	8.625 J55	32.0			5304	1550		0	
7.875	5.500 L80	17.0			13759	1290		5320	

## 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	1316	13150						

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PENNSYLVANIAN			13307 TO 13404			CLOSED
B) MORROW	13241	13250	13474 TO 13481		28	CLOSED
C)			13551 TO 13582		124	CLOSED
D)			13700 TO 13710		40	CLOSED

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

Depth Interval	Amount and Type of Material
13241 TO 13250	ACIDIZED W/1000 GALS 7.5 NEFE + 50 BS + 3150 GALS 40# LINEAR PAD AND FLOPS

## 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
03/04/2005	03/06/2005	24	→	2.0	1815.0	3.0			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
13/64	1300	0.0	→	2	1815	3		PGW	

## 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 #55040 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

ACCEPTED FOR RECORD

MAR 28 2005

GARY COURSEY  
FLOWS RECON  
PETROLEUM ENGINEER

## 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.)  
CAPTURED

## 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
RUSTLER	1381				
YATES	3164				
BONE SPRING	7798				
WOLFCAMP	10858				
STRAWN	12088				
MORROW	12805				
MISSISSIPPIAN	13697				

## 32. Additional remarks (include plugging procedure):

## 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 #55040 Verified by the BLM Well Information System.**  
**For CHESAPEAKE OPERATING INC, sent to the Hobbs**  
**Committed to AFMSS for processing by ARMANDO LOPEZ on 03/28/2005 (05AL0061SE)**

Name (please print) BRENDA COFFMANTitle AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 03/16/2005

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 fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***