

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

|  |  |   |  |
|--|--|---|--|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other  |  | 5. Lease Serial No.<br>NMNM077004   |  |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.<br>Other _____  |  | 6. If Indian, Allottee or Tribe Name  |  |
| 2. Name of Operator<br>CHESAPEAKE OPERATING, INC.  |  | 7. Unit or CA Agreement Name and No.  |  |
| Contact: BRENDA COFFMAN<br>E-Mail: bcoffman@chkenergy.com  |  | 8. Lease Name and Well No.<br>EXCALIBUR 17 FEDERAL 01                             |  |
| 3. Address P. O. BOX 11050<br>MIDLAND, TX 79702-8050   |  | 9. API Well No.<br>30-025-36543   |  |
| 3a. Phone No. (include area code)<br>Ph: 432-687-2992 Ext: 32  |  | 10. Field and Pool, or Exploratory<br>BUFFALO VALLEY                              |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface SESE 860FSL 660FEL<br>At top prod interval reported below SESE 860FSL 660FEL<br>At total depth SESE 860FSL 660FEL   |  | 11. Sec., T., R., M., or Block and Survey<br>or Area Sec 17 T19S R33E Mer         |  |
| 14. Date Spudded<br>10/06/2004   |  | 15. Date T.D. Reached<br>11/19/2004   |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>02/25/2005  |  | 17. Elevations (DF, KB, RT, GL)*<br>3643 GL                                       |  |
| 18. Total Depth: MD 13746<br>TVD 13746   |  | 19. Plug Back T.D.: MD 13265<br>TVD 13265   |  |
| 20. Depth Bridge Plug Set: MD 13275<br>TVD 13275   |  | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>GR/CBL/CCL |  |
| 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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

Per BC

26. Perforation Record

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

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       |                       |             | 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 |                   |
| 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

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

## 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<br>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

Name (please print) BRENDA COFFMANTitle AUTHORIZED REPRESENTATIVESignature (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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***