

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|  |  |   |  |
|--|--|---|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other  |  | 5. Lease Serial No<br>NMNM030453  |  |
| 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  |  | Contact: ERIN CARSON<br>E-Mail: erin.carson@chk.com                           |  |
| 3. Address<br>OKLAHOMA CITY, OK 73154-0496   |  | 3a. Phone No. (include area code)<br>Ph: 405-935-2896                         |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface NWNE 10FNL 1980FEL<br>At top prod interval reported below NWNE 578FNL 1969FEL<br>At total depth SWSE 350FSL 1980FEL   |  | 7. Unit or CA Agreement Name and No.<br>891000303X                            |  |
| 14. Date Spudded<br>01/29/2012   |  | 15. Date T.D. Reached<br>02/23/2012   |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>04/26/2012  |  | 8. Lease Name and Well No.<br>PLU BIG SINKS 24 24 30 USA 1H                   |  |
| 18. Total Depth<br>MD 13966<br>TVD 9346  |  | 9. API Well No.<br>30-015-39846-00-S1   |  |
| 19. Plug Back T.D.:<br>MD<br>TVD   |  | 10. Field and Pool, or Exploratory<br>WILDCAT; B-06 S243026m; B.S.            |  |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  |  | 11. Sec., T., R., M., or Block and Survey<br>or Area Sec 24 T24S R30E Mer NMP |  |
| 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) |  | 12. County or Parish<br>EDDY  |  |
| 23. Casing and Liner Record (Report all strings set in well)   |  | 13. State<br>NM   |  |
| 24. Tubing Record  |  | 17. Elevations (DF, KB, RT, GL)*<br>3472 GL                                   |  |

| 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        | 0        | 665         |                      | 700                          |                   | 29          |               |
| 11.000    | 8.625 J-55  | 32.0        | 0        | 4053        |                      | 1350                         |                   | 27          |               |
| 7 875     | 5.500 L-80  | 20.0        | 0        | 13966       | 5031                 | 2100                         |                   | 3500        |               |
|           |             |             |          |             |                      |                              |                   |             |               |
|           |             |             |          |             |                      |                              |                   |             |               |
|           |             |             |          |             |                      |                              |                   |             |               |
|           |             |             |          |             |                      |                              |                   |             |               |
|           |             |             |          |             |                      |                              |                   |             |               |

| Size  | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.875 |                | 8800              |      |                |                   |      |                |                   |

|                         |     |        |                        |      |           |             |
|-------------------------|-----|--------|------------------------|------|-----------|-------------|
| 25. Producing Intervals |     |        | 26. Perforation Record |      |           |             |
| Formation               | Top | Bottom | Perforated Interval    | Size | No. Holes | Perf Status |
| A) 1ST BONE SPRING      |     |        | 9606 TO 13931          |      |           |             |
| B)                      |     |        |                        |      |           |             |
| C)                      |     |        |                        |      |           |             |
| D)                      |     |        |                        |      |           |             |

|  |   |
|--|---|
| 27. Acid, Fracture, Treatment, Cement Squeeze, Etc |   |
| Depth Interval                                     | Amount and Type of Material                                 |
| 9606 TO 13931                                      | PROP- 3,112,520#, ACID- 20,000 GAL, CLEAN FLUID- 65,038 BBL |
|  |   |
|  |   |

|                                   |                         |                    |                      |                  |                   |                     |                       |                    |                                      |
|-----------------------------------|-------------------------|--------------------|----------------------|------------------|-------------------|---------------------|-----------------------|--------------------|--------------------------------------|
| 28. Production - Interval A       |                         |                    |                      |                  |                   |                     |                       |                    |                                      |
| Date First Produced<br>05/20/2012 | Test Date<br>05/23/2012 | Hours Tested<br>24 | Test Production<br>→ | Oil BBL<br>417 0 | Gas MCF<br>1045 0 | Water BBL<br>1430 0 | Oil Gravity Corr API  | Gas Gravity        | Production Method<br>FLOWS FROM WELL |
| Choke Size<br>32/64               | Tbg Press Flwg SI       | Csg Press<br>680 0 | 24 Hr Rate<br>→      | Oil BBL<br>417   | Gas MCF<br>1045   | Water BBL<br>1430   | Gas Oil Ratio<br>2506 | Well Status<br>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 |                   |
|                              |                   |              | →               |         |         |           |                      |             |                   |

## 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 |
|------------------------|------|--------|------------------------------|------|----------------|
| RUSTLER                | 543  |        |                              |      |                |
| TOP SALT               | 901  |        |                              |      |                |
| BASE OF SALT           | 3996 |        |                              |      |                |
| BELL CANYON            | 4238 |        |                              |      |                |
| CHERRY CANYON          | 5123 |        |                              |      |                |
| BRUSHY CANYON          | 6347 |        |                              |      |                |
| BONE SPRING            | 8057 |        |                              |      |                |
| FIRST BONE SPRING SAND | 9020 |        |                              |      |                |

32. Additional remarks (include plugging procedure):  
CONFIDENTIAL

LOGS SENT VIA UPS OVERNIGHT.

CHK PN 639440

## 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 #139076 Verified by the BLM Well Information System.  
For CHESAPEAKE OPERATING INC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 06/14/2012 (12KMS2279SE)

Name (please print) ERIN CARSONTitle AUTHORIZED REPRESENTATIVE

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

Date 05/29/2012

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 \*\***