

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

| | | |
|---|--|---|
| 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. NM-029234 |
| 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., Other _____ | | 6. If Indian, Allottee or Tribe Name |
| 2. Name of Operator CHESAPEAKE OPERATING, INC. ATTN: LINDA GOOD | | 7. Unit or CA Agreement Name and No. |
| 3. Address P.O. BOX 18496, OKLAHOMA CITY, OK 73154-0496 | | 8. Lease Name and Well No. LOTOS 10 FEDERAL 6 |
| 3a. Phone No. (include area code) 405-767-4275 | | 9. AFI Well No. 30-015-34944 |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 660 FNL & 190 FEL, NWNE At top prod. interval reported below SAME At total depth SAME | | 10. Field and Pool, or Exploratory INGLE WELLS; DELAWARE |
| 14. Date Spudded 08/16/2006 | | 11. Sec., T., R., M., on Block and Survey or Area 10-24S-31E |
| 15. Date Tool Reached 08/30/2006 | | 12. County or Parish EDDY COUNTY |
| 16. Date Completed 10/10/2006 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. | | 13. State NM |
| 17. Elevations (DF, RKB, RT, GL)* 3476 GR / 3494 KB | | |
| 18. Total Depth: MD 8350 TVD | 19. Plug Back Depth: MD 8265 TVD | 20. Depth Bridge Plug Set: MD TVD |

| | |
|--|--|
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DSN SDL DLLT MGRD RSCT | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy) |
|--|--|

| 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 |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| Cond | 20 | | 0 | 41' | | 3 YDS | | Surface | |
| 17 1/2 | 13 3/8 | 48# | 0 | 767' | | 660 Prem + | | Surface | |
| 11 | 8 5/8 | 32# | 0 | 4380' | | 1130 Prem + | | Surface | |
| 7 7/8 | 5 1/2 | 17# | 0 | 8350' | | 695 Prem + | | 6040' | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2 7/8 | 8251' | | | | | | | |

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|-------|--------|---------------------|------|-----------|--------------|
| A) Delaware | 8014' | 8198' | 8014' - 8198' | | 28 | Open |
| B) Delaware | 6773' | 6778' | 6773' - 6778' | | 21 | Open |
| C) Delaware | 6294' | 6386' | 6294' - 6386' | | 29 | Open |
| D) | | | | | | |

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 8014' - 8198' | Spot 300 gal 7 1/2% NeFe, Acid w/1700 gal 7 1/2% NeFe + 40 ball sealers, flush w/52 bbl 2% KCL |
| 8014' - 8198' | Frac w/15,000 gal Medallion 3000 pad, 32,000 gal 30# Linear gel, 76,420# 16/30 White sd, (See #32 on next pg) |
| 6773' - 6778 | Spot 200 gal 7 1/2% NeFe, Acid w/800 gal 7 1/2% NeFe + 30 ball sealers, flush w/41 bbl 2% KCL |
| 6294' - 6386' | Spot 200 gal 7 1/2% NeFe, Acid w/1300 gal 7 1/2% NeFe+45 BS, Frac w/ 10,000 gal Medallion (See #32) |

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 10/20/2006 | 11/08/2006 | 24 | → | 96 | 136 | 792 | | | PUMPING |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | 96 | 136 | 792 | | | PRODUCING |

| 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 page 2)

ACCEPTED FOR RECORD

DEC 7 2006

FREDERICK WRIGHT
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.)

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 |
|-----------|-------|--------|------------------------------|-----------------|--------------------|
| | 0 | 750' | PERMIAN RED BEDS | TOP OF DELAWARE | 4400' |
| | 750' | 4400' | SALT/ANHYDRITE | BELL CANYON | 5308' |
| | 4420' | 5308' | SAND/SILT/SHALE | CHERRY CANYON | 6509' |
| | 5308' | 6509' | SAND/SILT/SHALE | BRUSHY CANYON | 8260 |
| | 6509' | 8260' | SAND/SILT/SHALE | TD | 8360 |
| | 8360' | | LIMESTONE | | |

32. Additional remarks (include plugging procedure):

#27 CONT'D.

(8014'-8198') 4000 gal w/20,900# 16/30 Siber-Prop, flush w/183 bbl 2% KCL.

(6294'-6386') 3000 pad, 4000 gal containing 16/30 White sd, 15000 gal 30# linear get, 38753# 16/30 White sd

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

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

Name (please print) LINDA GOODTitle PERMITTING AGENTSignature Linda GoodDate 11/09/2006

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.

OPERATOR
WELL/LEASE
COUNTY

Chesapeake Operating
Lotus 10 Fed. 6
Eddy Co., N.M.

058-0051

STATE OF NEW MEXICO
DEVIATION REPORT

| | |
|---------|------|
| 241 | 0.50 |
| 566 | 0.75 |
| 1,254 | 1.00 |
| 1,760 | 0.50 |
| 2,233 | 1.25 |
| 2,707 | 3.00 |
| 2,858 | 1.75 |
| 3,110 | 0.75 |
| 3,487 | 0.25 |
| 3,987 | 2.50 |
| 4,304 | 2.25 |
| 4,612 | 1.25 |
| 5,112 | 1.50 |
| 5,607 | 0.50 |
| 6,093 | 0.50 |
| 6,563 | 0.75 |
| 7,063 | 0.75 |
| 7,537 | 0.75 |
| 8,011 | 1.00 |
| 8,290 | 1.00 |
| 8353 TD | 1.00 |

STATE OF TEXAS

COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/08/07

September 8, 2006, by Steve

