

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

APR 15 2009

5. Lease Serial No
NMLC069142A

| | | | |
|---|--|--|--|
| 1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | 6. If Indian, Allottee or Tribe Name | |
| b Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resrv., Other _____ | | 7 Unit or CA Agreement Name and no. NMNM68294 | |
| 2 Name of Operator BOPCO, L.P. | | 8. Lease Name and Well No BIG EDDY UNIT 154 | |
| 3 Address P.O. Box 2760 Midland TX 79702 | | 9 API Well No 30-015-34399 | |
| 3 a Phone No (Include area code) (432)683-2277 | | 10. Field and Pool, or Exploratory DUBLIN RANCH (ATOKA) 76130 | |
| 4 Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface NENE 660' FNL 660' FEL At top prod. interval reported below At total depth | | 11 Sec., T., R., M, on Block and Survey or Area SEC15,T22S,R28E | |
| 14 Date Spudded 01/22/2009 | | 15. Date T.D Reached 03/11/2009 | |
| 16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 03/11/2009 | | 17 Elevations (DF, RKB, RT, GL)* 3131' GL | |

| | | |
|---|------------------------------------|---|
| 18 Total Depth. MD 12,758' TVD | 19 Plug Back T D MD 12,394' TVD | 20. Depth Bridge Plug Set MD 12110' TVD |
| 21 Type of Electric & Other Mechanical Logs Run (Submit copy of each) | | 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 analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy) |

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 |
|-----------|------------|------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17-1/2" | 13-3/8" | 48# | 0' | 541' | | 560 SXS | | 0' CIRC | |
| 12-1/4" | 9-5/8" | 40# | 0' | 6220' | | 2350 SXS | | 0' CIRC | |
| 8-3/4" | 5-1/2" | 17# | 0' | 12,750' | 8477' | 935 STG 1 | | 8477' CBL | |
| | | | | | | 950 STG 2 | | 4930' CBL | |

24 Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|--------|----------------|-------------------|------|----------------|-------------------|
| 2-3/8" | 11,390' | 11,400' | 2-3/8" | | 12,100' | | | |

25 Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|---------|---------|---------------------|-------|-----------|--------------|
| A) Atoka | 11240' | 11809' | 11,496' - 11,674' | 0.380 | 99 | PRODUCING |
| B) | | | | | | |
| C) | | | | | | |
| D) Morrow | 11,810' | 12,626' | 12,200' - 12,384' | 0.380 | 39 | B'nth CIBP |

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

| Depth Interval | Amount and Type of Material |
|-----------------|---|
| 12,489'-12,626' | Previously set CIBP @ 12,429' + 35' cmt |

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 |
|---------------------|----------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
| 03/11/09 | 03/18/0624 | → | 0 | 1163 | 0 | | | | FLOWING |
| Choice Size | Tbg Press Flwg | Csg Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| 8.5/64" | SI 49000 | → | → | | | | NA | PRODUCING | |

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 | Csg Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | SI | → | → | | | | | | |

(See Instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

APR 12 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 or 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 |
| | | | | T/SALT | 570' |
| | | | | B/SALT | 2390' |
| | | | | T/DELAWARE MTN GROUP | 2652' |
| | | | | T/BONE SPRING LIME | 6148' |
| | | | | T/WOLFCAMP | 9570' |
| | | | | T/STRAWN | 10915' |
| | | | | T/ATOKA | 11240' |
| | | | | T/MORROW | 11810' |

32 Additional remarks (include plugging procedure)

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

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

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) Valerie TruaxTitle Regulatory Admin Assistant

Signature


Date 03/24/2009

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------------------|---------------------------------------|--|
| API Number 30-015-34399 | Pool Code 76130 | Pool Name DUBLIN RANCH (ATOKA) |
| Property Code 305860 | Property Name BIG EDDY UNIT | Well Number 154 |
| OGRID No. 260737 | Operator Name BOPCO, L.P. | Elevation 3131' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| A | 15 | 22 S | 28 E | | 660 | NORTH | 660 | EAST | EDDY |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| 320 | N | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | |
|--|--|
| | <p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>W.R. Dannels</i> Signature</p> <p>W.R. DANNELS Printed Name</p> <p>DIVISION DRILLING SUPT. Title</p> <p>9/7/2005 Date</p> |
| | <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>JULY 20, 2005 Date Surveyed</p> <p><i>[Signature]</i> Signature & Seal of Professional Surveyor</p> <p>W.O. No. 5621 Certificate No. Gary Jones 7977</p> <p>HASIN SURVEYS</p> |