

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

5. Lease Serial No.  
NMSF079938

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  
BP AMERICA PRODUCTION CO

Contact: MARY CORLEY  
E-Mail: corleyml@bp.com

8. Lease Name and Well No.  
JONES A 1M

3. Address P. O. BOX 3092  
HOUSTON, TX 77253

3a. Phone No. (include area code)  
Ph: 281.386.4491

9. API Well No.  
30-045-31720-00-C1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 35 T29N R8W Mer NMP  
At surface SENW Lot F 1940FNL 1640FWL 36.41100 N Lat, 107.39000 W Lon

10. Field and Pool, or Exploratory  
BLANCO MV / BASIN DAKOTA

11. Sec., T., R., M., or Block and Survey  
or Area Sec 35 T29N R8W Mer NMP

12. County or Parish  
SAN JUAN

13. State  
NM

At top prod interval reported below

At total depth

14. Date Spudded  
09/07/2003

15. Date T.D. Reached  
09/13/2003

16. Date Completed  
☐ D & A ☒ Ready to Prod  
10/10/2003

17. Elevations (DF, KB, RT, GL)\*  
6257 GL

18. Total Depth: MD 7298  
TVD

19. Plug Back T.D.: MD 7296  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL TDT

22. 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 |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 13.500    | 9.625 H-40 | 32.0        | 0        | 147         |                      | 140                         |                   | 0           |               |
| 8.750     | 7.000 J-55 | 20.0        | 0        | 2975        |                      | 351                         |                   | 0           |               |
| 6.250     | 4.500 J-55 | 12.0        | 0        | 7298        |                      | 393                         |                   | 2875        |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

24. Tubing Record

| Size  | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 7280           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

26. Perforation Record

| Formation | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-----------|------|--------|---------------------|-------|-----------|--------------|
| A) DAKOTA | 7095 | 7287   | 7095 TO 7287        | 0.320 | 51        |              |
| B)        |      |        |                     |       |           |              |
| C)        |      |        |                     |       |           |              |
| D)        |      |        |                     |       |           |              |

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

| Depth Interval | Amount and Type of Material              |
|----------------|------------------------------------------|
| 7095 TO 7287   | 47.862# OF 20/40 BRADY SAND & SLICKWATER |
|                |                                          |
|                |                                          |
|                |                                          |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 09/22/2003          | 09/23/2003           | 12           | →               | 1.0     | 413.0   | 1.0       |                       |             | 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 |                   |
| 3/4                 | SI                   | 14.0         | →               | 2       | 826     | 2         |                       | 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 |                   |
|                     | SI                   |              | →               |         |         |           |                       |             |                   |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #25290 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD  
DEC 30 2003  
FARMINGTON FIELD OFFICE

## 28b. Production - Interval C

|                     |                            |              |                      |         |         |           |                          |             |                   |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio            | Well Status |                   |

## 28c. Production - Interval D

|                     |                            |              |                      |         |         |           |                          |             |                   |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | 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<br>Meas. Depth |
|------------|------|--------|------------------------------|-----------------|--------------------|
| SAN JOSE   | 0    | 480    |                              | PICTURED CLIFFS | 2828               |
| NACIMIENTO | 480  | 1838   |                              | LEWIS SHALE     | 3034               |
| OJO ALAMO  | 1838 | 1994   |                              | CLIFF HOUSE     | 4347               |
|            |      |        |                              | MENEFEE         | 4597               |
|            |      |        |                              | POINT LOOKOUT   | 5054               |
|            |      |        |                              | MANCOS          | 5506               |
|            |      |        |                              | GREENHORN       | 6993               |
|            |      |        |                              | DAKOTA          | 7051               |

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

Please see attached for well subsequent report activity. Production is downhole commingled with the Mesaverde.

## 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 #25290 Verified by the BLM Well Information System.  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by ADRIENNE GARCIA on 12/30/2003 (04AXG0094SE)**

Name (please print) MARY CORLEYTitle AUTHORIZED REPRESENTATIVE

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

Date 11/19/2003

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 \*\* REVISED \*\***

**JONES A 1M  
COMPLETION SUBSEQUENT REPORT  
11/19/2003**

09/15/2003 RU & run TDT & CBL log under 1000# pressure. Pressure test CSG to 4500# test ok.

09/16/2003 RU & Perf the Dakota with 3 SPF, 120° phasing as follows: .320 inch diameter, 17 Shots / 51 Holes: 7287, 7279, 7272, 7267, 7253, 7246, 7238, 7231, 7224, 7198, 7184, 7140, 7123, 7116, 7110, 7102, 7095.

09/17/2003 RU & Frac w/47,862# of 20/40 Brady Sand & Slickwater. ND BOP & Frac Valve. NU Flow back cross & BOP. Flow back well thru ¼" choke for 2 hrs. SDFN

09/18/2003 RU & flow back well thru ¼" choke for 2 hrs. Upsized choke to ½" & flowed back for 11 hrs. Upsized to ¾" choke & flowed back overnight.

09/19/2003 Flowed back well thru ¾" choke. TIH & tag fill @ 7232'. C/O to PBTD @ 7296'. Install ¾" choke & flowed back overnight w/watchman.

09/22/2003 Flow back well thru ¾" choke. TIH & tag fill @ 7283'. C/O to PBTD. RU & flow back well thru ¾" choke overnight.

09/23/2003 RU & Flow test well for 12 hrs. thru ¾" choke. 413 MCF gas, FCP 14#, Well slugging WTR, Trace Oil. RU & TIH w/composite plug & set @ 6150'. TOH. TIH w/SQZ gun & shot 4 holes @ 5950'. TOH & TIH w/CMT retainer & set @ 5850'. TIH & sting into ret. Load backside w/2% KCL WTR & pressure test lines to 2000#. Pumped 156 SXS 9.5# Litecrete. TOH. SDFN.

09/24/2003 TIH & tag retainer, DO retainer. TIH to tag CMT. No CMT tagged. TOH. RU & run CBL. Logged from 6130' to 2974'. No CMT from 5950' to 5600'. CMT found over the Point Lookout. No CMT over Cliffhouse & Menefee. CMT from 3300' to 2974'. TOH. SDFN.

09/25/2003 RU, TIH & set retainer @ 5848' & pumped 100 SXS CLS G CMT @ 15.80 ppg. Sting out of retainer & TOH. RU & TIH w/SQZ gun & shot 4 holes @ 4500'. PU & shot 4 holes @ 4100'. TOH. TIH w/CMT retainer & set @ 4395'. TOH & SDFN.

09/26/2003 RU & pumped 100 SXS CLS G @ 15.80 ppg. Sting out of retainer & circ CMT out of hole. PU & set TBG @ 4130' & pumped 30 SXS CLS G @ 8.33 ppg. TOH. RU & pressure test SQZ to 2000#. TIH & tag CMT @ 3700'. DO CMT to 3969'. Secure well & SDFWE.

09/29/2003 TIH & tag up @ 3971'. DO CMT to 4096'. Pressure test SQZ to 500#. Test ok. TIH to 4349 & SDFN.

09/30/2003 TIH & tag CMT retainer @ 4395'. DO Retainer & CMT to 4500'. TOH. RU & ran CBL from 5610' to 2950'. SDFN.

10/01/2003 RU & load wellbore w/2% KCL & pressure test to 2600#. Held ok. Bled off pressure. END OF DAKOTA COMPLETION.

**BEGIN MESAVERDE COMPLETION.**

10/01/2003 RU & perf Point Lookout & Menefee, 120° phasing as follows, .330 inch diameter, 3 JSPF 20 Shots / 60 Holes: 5157, 5143, 5130, 5123, 5107, 5100, 5080, 5074, 5061, 5051, 5045, 5013, 5005, 4987, 4947, 4933, 4824, 4817, 4807, 4798.

10/02/2003 RU & Frac w/89,147# of 16/30 Brady Sand, 70% Quality Foam & N2. RU & TIH w/EZ Drill plug & set @ 4780'. RU & perf Menefee & Cliffhouse, 120° phasing as follows, .330 inch diameter, 3 JSPF 30 Shots / 90 Holes: 4763, 4737, 4712, 4706, 4690, 4678, 4656, 4644, 4637, 4620, 4605, 4592, 4585, 4577, 4567, 4558, 4538, 4531, 4521, 4510, 4504, 4497, 4485, 4478, 4467, 4458, 4453, 4446, 4437, 4377. RU & Frac w/85,038# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Open well on ¼" choke & flow back for 8 hrs. Upsized choke to ½" & flow back overnight.

10/03/2003 Flowed back thru ½" choke. @ 10:00 Upsized to ¾" choke & flowed back overnight.

10/06/2003 TIH & tag fill @ 4750'. C/O to EZ Drill Plug set @ 4780'. DO Plug. TIH & tag fill @ 5520'. C/O to 5606'. PU above perms & flow back thru ¾" choke w/watchman overnight..

10/07/2003 Flow back well thru ¾" choke. RU & flow test well thru ¾" choke for 12 hrs. 1666 MCF gas, FCP 165#, Trace WTR, Trace oil. TIH & tag fill @ 5600'. C/O to top of CMT @ 2630'. 218' of CMT on top of retainer set @ 5848'. DO CMT & retainer to 6090'. PU above perms & flow back thru ¾" choke to pit.

10/08/2003 Flow back well thru ¾" choke. TIH & tag CMT @ 6090'. DO CMT. TIH to 7291' PU above perms & flowback well thru ¾" choke overnight.

10/09/2003 Flow back well thru ¾" choke. TIH & tag fill @ 7290'. C/O to PBTD. PU above perms & flowback over night thru ¾" choke.

10/10/2003 Flow back thru ¾" choke. TIH w/2-3/8" production TBG & land @ 7280'. ND BOP. NUWH. RDMOSU. Rig Release @ 18:00 hrs.