

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 ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other \_\_\_\_\_  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Other \_\_\_\_\_

2. Name of Operator  
BP AMERICA PRODUCTION CO

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 13 T29N R8W Mer NMP  
At surface SWNE Lot G 2305FNL 1845FEL 36.43600 N Lat, 107.37500 W Lon  
At top prod interval reported below  
At total depth

5. Lease Serial No.  
NMSF078502

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
VANDEWART COM 3N

9. API Well No.  
30-045-31188-00-C1

10. Field and Pool, or Exploratory  
BASIN DAKOTA

11. Sec., T., R., M., or Block and Survey  
or Area Sec 13 T29N R8W Mer NMP

12. County or Parish  
SAN JUAN

13. State  
NM

14. Date Spudded  
10/15/2002

15. Date T.D. Reached  
10/23/2002

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
11/14/2002

17. Elevations (DF, KB, RT, GL)\*  
6695 GL

18. Total Depth: MD 7866 TVD

19. Plug Back T.D.: MD 7864 TVD

20. Depth Bridge Plug Set: MD TVD

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

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        | 235         |                      | 275                         |                   | 0           |               |
| 8.750     | 7.000 J-55 | 20.0        | 0        | 3712        |                      | 455                         |                   | 0           |               |
| 6.250     | 4.500 J-55 | 12.0        | 0        | 7865        |                      | 385                         |                   | 3612        |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

**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 | 7740           |                   |      |                |                   |      |                |                   |

**25. Producing Intervals**

| Formation | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-----------|------|--------|---------------------|-------|-----------|--------------|
| A) DAKOTA | 7694 | 7836   | 7694 TO 7836        | 0.330 | 52        |              |
| B)        |      |        |                     |       |           |              |
| C)        |      |        |                     |       |           |              |
| D)        |      |        |                     |       |           |              |

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

| Depth Interval | Amount and Type of Material              |
|----------------|------------------------------------------|
| 7694 TO 7836   | 62,074# OF 20/40 RESIN 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 11/05/2002          | 11/05/2002           | 12           | →               | 1.0     | 579.0   | 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                   | 75.0         | →               |         |         |           |                       | 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       |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------------|
|                     |                      |              | →               |         |         |           |                       |             | DEC 03 2002             |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                         |
|                     | SI                   |              | →               |         |         |           |                       |             | FARMINGTON FIELD OFFICE |

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

ELECTRONIC SUBMISSION #16171 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*

NMOCD

## 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.)  
FLARED

## 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 |
| SAN JOSE   | 0    | 1109   |                              | CLIFF HOUSE   | 5184        |
| NACIMIENTO | 1109 | 2407   |                              | MENEFEE       | 5479        |
| OJO ALAMO  | 2407 | 2592   |                              | POINT LOOKOUT | 5838        |
|            |      |        |                              | MANCOS        | 6215        |
|            |      |        |                              | GREENHORN     | 7815        |
|            |      |        |                              | DAKOTA        | 7873        |

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

Dakota Completion. Well has also been completed into the Mesaverde Pool and production is downhole commingled.

## 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 #16171 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 12/03/2002 (03AXG0310SE)

Name (please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

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

Date 11/18/2002

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 \*\***

**VANDEWART COM 3M  
COMPLETION SUBSEQUENT REPORT  
11/18/2002**

10/25/2002 RU & run TDT log.

10/28/2002 RU & run CBL log w/1500# on CSG. Held Ok.

10/29/2002 RU & Perf the Dakota with 2 SPF, 120° phasing as follows: .330 inch diameter, 26 Shots / 52 Holes

7836', 7830', 7825', 7820', 7803', 7798', 7792', 7782', 7780', 7772', 7762', 7756', 7754',  
7750', 7745', 7742', 7737', 7732', 7725', 7722', 7718', 7712', 7708', 7702', 7698', 7694'

10/30/2002 RU & Frac w/62,074# of 20/40 Resin Sand & Slickwater. SI Well.

10/31/2002 NU BOP on Frac Valve. Blow down well.

11/01/2002 ND BOP & Frac Valve. NU Flow back cross & BOP. Well SI 14 hrs.

11/02/2002 Flow well to pit thru 3/4" choke overnight.

11/03/2002 Flow well to pit thru 3/4" choke overnight.

11/04/2002 TIH & tag fill @ 7800'. C/O to PBTD @ 7863'. PU above perms & flow well to pit thru 3/4" choke.

11/05/2002 Flow well to pit. TIH & tag 23' of fill. C/O to PBTD. PU above perms & flow test well for 12 hrs. thru 3/4" choke. 579 MCF gas, FCP 75#. Trace WTR, trace oil.

**END OF DAKOTA COMPLETION.**

**BEGIN MESAVERDE COMPLETION.**

11/06/2002 RU & TIH w/CIBP & set @ 7600'. RU & load hole w/2% KcL WTR. RU & perf Point Lookout & Menefee, 120° phasing as follows: .330 inch diameter, 2 JSPF 28 Shots / 56 Holes

5881', 5870', 5863', 5821', 5807', 5753', 5744', 5734', 5716', 5706', 5696', 5691',  
5687', 5679', 5663', 5655', 5648', 5633', 5620', 5612', 5600', 5590', 5561', 5552',  
5590', 5535', 5519', 5498'

RU & Frac w/104,866# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @, 5450'. RU & perf Menefee & Cliffhouse, 120° phasing as follows: .330 inch diameter, 2 JSPF 27 Shots / 54 Holes

5400', 5392', 5380', 5358', 5330', 5298', 5291', 5285', 5262', 5238', 5223', 5213',  
5204', 5198', 5184', 5167', 5147', 5135', 5125', 5116', 5110', 5074', 5064', 5056',  
5049', 5024', 4940'

RU & Frac w/92,769# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Open well on 1/4" choke & flow back overnight.

**11/07/2002 @ 06.00 hrs upsized choke to 1/2" & flowed back for 8 hrs. Upsized choke to 3/4" & flowed back for 5 hrs. SI Well.**

**11/08/2002 Blow down well. TIH & tag fill @ 5362'. C/O to CIBP set @ 5450'. Mill out CIBP. TIH & C/O to 7586'. PU above perfs & flow well to pit thru 3/4" choke.**

**11/09/2002 Flow well to pit on 3/4" choke.**

**11/11/2002 TIH & tag 25' of fill. C/O to CIBP @ 7600'. Mill out CIBP. PU above perfs & flow test well for 18 hrs. thru 3/4" choke. 2200 MCF gas, FCP 140#, Trace WTR, Trace oil.**

**11/12/2002 Flow well thru 3/4" choke. TIH & tag 5' of fill. C/O to PBTD @ 7864'. TOH.**

**11/13/2002 TIH & tag 8' of fill. C/O to PBTD. RU & flow back thru 3/4" choke.**

**11/14/2002 TIH & tag 0 fill. RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7740'. ND BOP. NUWH. Pull TBG plug. RD & MOSU. Rig Release @ 17.00 hrs.**