

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.
NMSF078414

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.
DAY 3M

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

3a. Phone No. (include area code)
Ph: 281.366.4491

9. API Well No.
30-045-31320-00-C1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 17 T29N R8W Mer NMP
At surface SWNE Lot G 2220FNL 1770FEL

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

11. Sec. T., R., M., or Block and Survey
or Area Sec 17 T29N R8W Mer NMP

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
03/21/2003

15. Date T.D. Reached
03/26/2003

16. Date Completed
☐ D & A ☒ Ready to Prod.
05/05/2003

17. Elevations (DF, KB, RT, GL)*
6045 GL

18. Total Depth: MD 7614
TVD

19. Plug Back T.D.: MD 7610
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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 13.500 | 9.625 H-40 | 32.0 | 0 | 234 | | 232 | | 0 | |
| 8.750 | 7.000 J-55 | 20.0 | 0 | 3415 | | 413 | | 0 | |
| 6.250 | 4.500 J-55 | 12.0 | 0 | 7537 | 7614 | 372 | | 3315 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.365 | 7537 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|------|--------|---------------------|-------|-----------|--------------|
| A) DAKOTA | 7381 | 7556 | 7381 TO 7556 | 0.330 | 46 | |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 7381 TO 7556 | 59,047# 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 04/21/2003 | 04/22/2003 | 12 | → | 1.0 | 268.0 | 0.0 | | | 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 | 350.0 | → | 2 | 536 | 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| 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 #21519 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

NMOC

FARMINGTON FIELD OFFICE

MAY 15 2003

ACCEPTED FOR RECORD

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 |
| SAN JOSE | 0 | 717 | | LEWIS SHALE | 3248 |
| NACIMIENTO | 717 | 2008 | | CLIFF HOUSE | 4612 |
| OJO ALAMO | 2008 | 2159 | | MENEFEE | 4808 |
| | | | | POINT LOOKOUT | 5303 |
| | | | | MANCOS | 5766 |
| | | | | GREENHORN | 7290 |
| | | | | DAKOTA | 7343 |

32. Additional remarks (include plugging procedure):

Please see attached for well subsequent report. 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 #21519 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 05/15/2003 (03AXG1175SE)

Name (please print) MARY CORLEYTitle AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 05/07/2003

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 ****

DAY 3M
COMPLETION SUBSEQUENT REPORT
05/07/2003

03/31/2003 RU & run TDT log. Run CBL under 1000# pressure. RU & pressure test CSG to 4500#. Test ok.

04/04/2003 RU & Perf the Dakota with 2 SPF, 120° phasing as follows: .330 inch diameter, 23 Shots / 46 Holes

7556, 7539, 7530, 7519, 7504, 7499, 7484, 7474, 7469, 7460, 7441, 7436,
7431, 7426, 7421, 7416, 7411, 7406, 7401, 7396, 7391, 7386, 7381

04/07/2003 RU & attempt to frac Dakota. Unable to. SDFN

04/11/2003 Blow down well. TIH & C/O to PBTD. SDFN

04/12/2003 TIH & set PKR & test to 1000#. Test Ok. SDFN

04/16/2003 RU & Re-Perf the Dakota with 2 SPF, 120° phasing as follows: .330 inch diameter, 23 Shots / 46 Holes

7556, 7539, 7530, 7519, 7504, 7499, 7484, 7474, 7469, 7460, 7441, 7436,
7431, 7426, 7421, 7416, 7411, 7406, 7401, 7396, 7391, 7386, 7381

RU & Frac w/59,047# of 20/40 Resin Sand & Slickwater. SI well for night.

04/17/2003 RU & flow back well thru 3/4" choke. Well logged off. SI to build up pressure.

04/18/2003 TIH & tag @ 7519'. Circ hole clean. RU & flow back well over night thru 3/4" choke.

04/19/2003 SI well for 12 hrs. & flow back 6 hrs. SI well overnight.

04/20/2003 Wel SI for 24 hrs.

04/21/2003 TIH & tag @ 7519'. C/O to PBTD @ 7610' Circ clean. PU above perms & Flow back well thru 1/4" choke overnight.

04/22/2003 RU & flow test well for 12 hrs. thru 3/4" choke. 268 MCF gas, FCP 350#. trace WTR, trace Oil. RU, TIH & tag 0' of fill. TOH & SDFN.

END OF DAKOTA COMPLETION.

BEGIN MESAVERDE COMPLETION.

04/23/2003 RU & TIH w/CIBP & set @ 5600'. RU & load hole w/2% KcL WTR. RU & perf Point Lookout & Menefee, 120° phasing as follows, .330 inch diameter, 2 JSPF 20 Shots / 40 Holes

5437, 5425, 5413, 5395, 5388, 5374, 5366, 5352, 5344, 5334,
5324, 5314, 5306, 5246, 5236, 5227, 5194, 5183, 5157, 5143

04/24/2003 RU & Frac w/78,268# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @, 5105'. RU & perf Menefee & Cliffhouse, 120° phasing as follows: .330 inch diameter, 2 JSPF 20 Shots / 40 Holes

5053, 5043, 5029, 5019, 5004, 4938, 4894, 4872, 4858, 4843,
4834, 4806, 4796, 4786, 4776, 4768, 4757, 4733, 4723, 4712

RU & Frac w/73,712# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Open well on 1/4" choke for 8 hrs. Upsized to 1/2" choke & flowed back overnight.

04/25/2003 @ 06:00 hrs upsized choke to 3/4" & flowed back for 6 hrs. Blow down well. TIH & C/O to CIBP set @ 5105'. DO CIBP. PU above perfs & RU to flow back thru 3/4" choke. SDFN

04/26/2003 Well SI for 11.5 hrs. Open well to pit thru 3/4" choke & flow back for 12 hrs. SI well for 24 hrs.

04/28/2003 Flow well thru 3/4" choke for 2 hrs. TIH & tag @ 5478'. C/O to CIBP set @ 5600'. Circ hole clean. PU above perfs & flow back well thru 3/4" choke w/watchman.

04/29/2003 Flow back well thru 3/4" choke. TIH & tag 44' of fill. C/O to CIBP. Circ hole clean. PU above perfs & flow well to pit thru 3/4" choke.

04/30/2003 Flow well thru 3/4" choke to pit. TIH & tag fill @ 5580'. C/O to CIBP set @ 5600'. DO CIBP. PU above top perfs & flow back to pit thru 3/4" choke.

05/01/2003 TIH & tag fill @ 7551'. C/O to PBTD @ 7610'. Circ hole clean. PU above top perfs & flow back thru 3/4" choke.

05/02/2003 RU & flow test well for 12 hrs. thru 3/4" choke. Combined flow test 1058 MCFD (790 MCFD Mesaverde) gas, FCP 225# (MV 95#), Trace WTR, Trace Oil.

05/03/2003 Flow back well thru 3/4" choke.

05/05/2003 TIH & tag 0' of fill. RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7537'. ND BOP. NUWH. Pull TBG plug. SDFN

05/06/2003 RD & MOSU. Rig Release @ 09:30 hrs.