

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 20001a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other  
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resrv.  
Other5. Lease Serial No. SE-029319  
6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.2. Name of Operator  
BP AMERICA PRODUCTION COMPANY  
3. Address P.O. Box 3092 Houston, TX 77253 3a. Phone No. (include area code) 281 366 44918. Lease Name and Well No. Schwerdtfeger ALS 10  
9. API Well No. 30.045-26559  
10. Field and Pool, or Exploratory DTEAD CHACRA  
11. Sec., T., R., M., on Block and Survey or Area Sec 31 T28N R8.

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface B20' FNL & 810' FNL

At top prod. interval reported below

At total depth

12. County or Parish SAN JUAN 13. State NM14. Date Spudded 12.02.1985 15. Date T.D. Reached 12.07.1985 16. Date Completed 08.21.2003  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
5900' GL18. Total Depth: MD 4600' TVD 4600' 19. Plug Back T.D.: MD 4595' TVD 4595' 20. Depth Bridge Plug Set: MD 4595' TVD 4595'

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

EBL22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ 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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|------------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| K-5 12 1/4 | 9 5/8      | 36#         | 0        | 285         |                      | 250 SKS                     | B                 | 0           |               |
| K 8 3/4    | 7          | 23#         | 0        | 2748        |                      | 500 SKS                     | "                 |             |               |
| K 6 3/8    | 4 1/2      | 2           | 2543     | 4597        |                      | 275                         |                   |             |               |
|            |            | 10.5        |          |             |                      |                             |                   |             |               |

## 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 | 4514           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation | Top  | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|------|--------|---------------------|------|-----------|--------------|
| A) CHACRA | 3094 | 3234   | 3094-3234           | .330 | 72        |              |
| B)        |      |        |                     |      |           |              |
| C)        |      |        |                     |      |           |              |
| D)        |      |        |                     |      |           |              |

## 26. Perforation Record

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

| Depth Interval | Amount and Type of Material                      |
|----------------|--------------------------------------------------|
| 3094-3234      | 91,349# 16/30 BRADY SAND, 7090 Quality foam & N2 |

## 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 8/19/03             | 8/20/03              | 12           | →               | TRACE   | 426     | TRACE     |                       |             | Flowing           |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |
| 3/4                 |                      | 60#          | →               | TRACE   | 840     | TRACE     |                       | Producing   |                   |

ACCEPTED FOR RECORD

## 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 |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

SEP 11 2003  
FARMINGTON FIELD OFFICE  
BY [Signature]

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

NMOCB

## 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.)

## 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 |
|-----------|-----|--------|------------------------------|-----------------|--------------------|
|           |     |        |                              | OJO ALAMO       | 1226               |
|           |     |        |                              | KIRKLAND        | 1310               |
|           |     |        |                              | FRUITLAND       | 1910               |
|           |     |        |                              | PICTURED CLIFFS | 2121               |
|           |     |        |                              | LEWIS           | 2198               |
|           |     |        |                              | CHACRA          | 3090               |
|           |     |        |                              | CLIFFHOUSE      | 3784               |
|           |     |        |                              | MENEFEE         | 3826               |
|           |     |        |                              | BENT LOCKOUT    | 4379               |

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

Production is downhole commingled w/ existing MESA VERDE PRODUCTION

## 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)\*

Name (please print)

Mary Corley

Title

Sr Regulatory Analyst

Signature

Mary Corley

Date

08-28-2003

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.

08-28-2003

**Schwerdtfeger A LS 10A**  
**Recompletion and Downhole Commingling Subsequent Report**  
**08/28/2003**

08/06/2003 MIRUSU. Blow down well. Kill w/2% KcL Wtr. NDWH & NU BOPs. TOH w/2-3/8" production TBG.

08/08/2003 RU, TIH w/CIBP & set @ 3400'. Load CSG w/2% KcL & ran CBL. Pressure test CSG to 1500#. Test Ok. RU & perforate Chacra w/3 JSPF, .330 inch diameter: 24 Shots / 72 Holes 3094' - 3100'; 3120' - 3124'; 3204' - 3208'; 3228' - 3234'. SD W/O Frac.

08/14/2003 RU & frac w/91,349# 16/30 Brady Sand, 70% Quality Foam & N2. RU & flow back frac thru 1/4" choke overnight.

08/15/2003 @ 01:00 Upsized to 1/2" choke & flowed back for 6 1/2 hrs. Upsized to 3/4" choke & flowed back 2 hrs. TIH & tag fill @ 3210'. C/O to CIBP @ 3400'. SDFN

08/18/2003 TIH & tag fill @ 3365'. TOH & SDFN.

08/19/2003 TIH & tag fill @ 3290'. C/O to 3400'. Mill out CIBP. Circ hole clean. PU above TOL & SDFN.

08/20/2003 TIH & tag fill @ 4545'. C/O to 4595'. Circ hole clean. Flow back well natural for 2 hrs. TIH & tag 0 fill. PU above TOL & SDFN.

08/21/2003 TIH & tag 0 fill. TOH. TIH w/2-3/8" production TBG & land @ 4514'. ND BOPs. NUWH. Test well for air.

08/22/2003 RDMOSU Rig released @ 07:30 hrs.

Production commingled downhole with Mesaverde.

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