

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

FORM APPROVED
OMB NO 1004-0137
Expires: July 31, 2010

FEB 10 2009
5. Lease Serial No

Bureau of Land Management
Farmington Field Office

| | | | | | | | | | |
|---|---|---|---------------------|---|-----------------------|----------------------------|-----------------------|--------------------------------|--------------------|
| 1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | 1b Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff Resvr. | | 7 Unit or CA Agreement Name and No | | | | | |
| 2 Name of Operator BP America Production Company Attn: Cherry Hlava | | | | 8 Lease Name and Well No. Dryden 1 | | | | | |
| 3 Address P.O. Box 3092 Houston, TX 77253 | | 3a Phone No. (include area code) 281-366-4081 | | 9 API Well No. 30-045-11881 | | | | | |
| 4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 790 FSL & 1190 FWL SWSW At top prod Interval reported below At total depth | | | | 10 Field and Pool, or Exploratory Mesaverde (Point Lookout) | | | | | |
| 14 Date Spudded 10/23/1966 | | | | 15 Date T D Reached 11/01/1966 | | | | | |
| 16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 2/18/2009 | | | | 17 Elevations (DF, RKB, RT, GL)* 5813' | | | | | |
| 18 Total Depth MD 6722' TVD | | 19 Plug Back T D MD 6690' TVD | | 20 Depth Bridge Plug Set MD N/A TVD | | | | | |
| 21 Type Electric & Other Mechanical Logs Run (Submit copy of each) | | | | 22 Was well cored? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) | | | | | |
| 23 Casing and Liner Record (Report all strings set in well) | | | | | | | | | |
| Hole Size | Size/Grade | Wt (#/ft) | Top (MD) | Bottom (MD) | Stage Cement Depth | No of Sks & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
| 15" | 10/3/4" | 32# | 0 | 335' | | 375 sxs | | 0' | |
| 9 5/8" | 7 5/8" | 26.4# | 0 | 2387' | | 260 sxs | | 0' | |
| 6 1/4" | 4 1/2" | 10.5&11.6# | 0 | 6722' | | 250 sxs | | 2325' | |
| 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" | 6579' | | | | | | | | |
| 25 Producing Intervals | | | | | 26 Perforation Record | | | | |
| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf Status | | | |
| A) Blanco Mesaverde | 4400' | 4440' | 4400' - 4440' | 3.125" | 120 | Open | | | |
| B) Blanco Mesaverde | 4460' | 4475' | 4460' - 4475' | 3.125" | 45 | | | | |
| C) Blanco Mesaverde | 4496' | 4506' | 4496' - 4506' | 3.125" | 30 | | | | |
| D) | | | | | | | | | |
| 27 Acid, Fracture, Treatment, Cement Squeeze, Etc | | | | | | | | | |
| Depth Interval | Amount and Type of Material | | | | | | | | |
| 4400' - 4506' | frac MV w/97,726# prop; 16/30 sand; 70% Q N2 Foam | | | | | | | | |
| 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 |
| | 02/03/09 | 12 | → | Trace | 707 mcf | Trace | | | Flowing |
| Choke Size | 1bg Press Flwg SI | Csg Press | 24 hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| 1/4" | | | → | | | | | S.I. waiting on C-104 approval | |
| 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 |
| | | | → | | | | | | ADOPTED FOR RECORD |
| Choke Size | 1bg Press Flwg SI | Csg Press | 24 hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

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

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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.)

30. Summary of Porous Zones (Included 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 |
|-----------|-----|--------|------------------------------|---------|-----------------|
| | | | | CHCR | 3090' |
| | | | | L CHCR | 3205' |
| | | | | B. CHCR | 3257' |
| | | | | CLFH -E | 3671' |
| | | | | CLFH | 3793' |
| | | | | MENF | 3820' |
| | | | | PNLK | 4390' |
| | | | | MNCS | 4756' |
| | | | | GLLP | 5579' |
| | | | | GRNR | 6338' |
| | | | | GRRS | 6407' |
| | | | | TWLS | 6444' |
| | | | | PGTE | 6537' |
| | | | | CBRO | 6579' |
| | | | | L. CBRO | 6609' |
| | | | | ENCN | 6666' |

32 Additional Remarks (including plugging procedure)

DHC 4083

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 | 3. 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) Cherry HlavaTitle Regulatory Anlayst

Signature

Cherry HlavaDate 2/19/2009

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.

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DEPARTMENT OF THE INTERIOR
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b Type of Completion New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resrv.
Other

2 Name of Operator

BP America Production Company Attn: Cherry Hlava

3. Address

P.O. Box 3092 Houston, TX 77253

3a Phone No (include area code)

281-366-4081

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

At surface **790 FSL & 1190 FWL SWSW**

At top prod interval reported below

At total depth

5. Lease Serial No

NM 012200

6 If Indian, Allottee or Tribe Name

RECEIVED

7 Unit or CA Agreement Name and No.

FEB 19 2009

8 Lease Name and Well No.

**Bureau of Land Management
Farmington Field Office**

9. Acreage

30-045-11881

10 Field and Pool, or Exploratory

Otero Chacra

11 Sec, T, R, M., on Block & Survey or Area

Sec 28 T 28N R 08W

12. County or Parish

San Juan

13. State

New Mexico

17. Elevations (DF, RKB, RT, GL)*

5813'

14. Date Spudded

10/23/1966

15. Date T D Reached

11/01/1966

16. Date Completed

☐ D & A

☒ Ready to Prod

2/18/2009

18 Total Depth.

MD

6722'

TVD

19. Plug Back T D

MD

6690'

TVD

20. Depth Bridge Plug Set

MD

N/A

TVD

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

22 Was well cored?

☐ No

☐ Yes (Submit analysis)

Was DST run?

☐ No

☐ Yes (Submit report)

Directional Survey?

☒ No

☐ Yes (Submit report)

RST & CBL

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft) | Top (MD) | Bottom (MD) | Stage Cement Depth | No. of Sks & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|---------------|----------------|-----------------------|----------|--------------|--------------------|-----------------------------|-------------------|--------------|---------------|
| 15" | 10/3/4" | 32# | 0 | 335' | | 375 sxs | | 0' | |
| 9 5/8" | 7 5/8" | 26.4# | 0 | 2387' | | 260 sxs | | 0' | |
| 6 1/4" | 4 1/2" | 10.5&11.6# | 0 | 6722' | | 250 sxs | | 2325' | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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" | 6579 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforation Interval | Size | No. Holes | Perf Status |
|------------------------|--------------|--------------|----------------------|---------------|------------|-------------|
| A) Otero Chacra | 3092' | 3132' | 3092' - 3132' | 3.125" | 160 | Open |
| B) Otero Chacra | 3214' | 3244' | 3214' - 3244' | 3.125" | 120 | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------------|---|
| 3092' - 3244' | frac Chacra w/209,349# prop; 16/30 sand; 45% Q N2 Foam |
| | |
| | |

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 |
|---------------------|-------------------|--------------|-----------------|--------------|----------------|--------------|----------------------|---------------------------------------|-------------------|
| | 02/13/09 | 12 | → | Trace | 424 mcf | Trace | | | Flowing |
| Choke Size | 1bg Press Flwg SI | Csg Press | 24 hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| 1/4" | | | → | | | | | S.I. waiting on C-104 approval | |

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 | 1bg Press Flwg SI | Csg Press | 24 hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

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

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FARMINGTON 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 | 1bg 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 | 1bg 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)

| 30 Summary of Porous Zones (Included Aquifers) | | | | 31. Formation (Log) Markers | |
|--|-----|--------|-----------------------------|-----------------------------|----------------|
| 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 | | | | | |
| Formation | Top | Bottom | Descriptions, Contents, etc | Name | Top Meas Depth |
| | | | | CHCR | 3090' |
| | | | | L CHCR | 3205' |
| | | | | B. CHCR | 3257' |
| | | | | CLFH -E | 3671' |
| | | | | CLFH | 3793' |
| | | | | MENF | 3820' |
| | | | | PNLK | 4390' |
| | | | | MNCS | 4756' |
| | | | | GLLP | 5579' |
| | | | | GRNR | 6338' |
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| | | | | TWLS | 6444' |
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DHC 4083

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| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 3. 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) Cherry Hlava Title Regulatory Analyst

Signature Cherry Hlava Date 2/19/2009

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