

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No
NMSF076337

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.7. If Unit or CA/Agreement, Name and/or No
14080012406

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No
HEATH GAS COM A 1

2. Name of Operator

BP AMERICA PRODUCTION CO.

Contact **RANAD ABDALLAH**

E-Mail: ranad.abdallah@bp.com

9. API Well No.
30-045-13294-00-S1

3a. Address

200 ENERGY COURT
FARMINGTON, NM 87401

3b. Phone No. (include area code)

Ph: 281-366-4632

10. Field and Pool, or Exploratory
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 32 T30N R9W SENE 1600FNL 1090FEL
36.771103 N Lat, 107.797836 W Lon

11. County or Parish, and State

SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BP America respectfully request permission to plug and abandon the subject well. Please see the attachment of procedure and wellbore diagrams.

Basic Job Procedure:

1. Kill well. Circulate well clean with fresh water.
2. POOH with tubing.
3. RU E-line and run gauge ring and junk basket past 4000 ft.
4. RIH and set CIBP 4000 ft and PT to 750 psi.
5. RIH with CBL to confirm TOC behind the 5" liner.
6. Balance cement plug from CIBP to 3700 ft
7. POOH and balance a plug from 2400 to 1050 ft. WOC & TWT

2434

RCVD JUN 12 '12
OIL CONS. DIV.

DIST. 3

Notify NMOCD 24hrs
prior to beginning
operations

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #139866 verified by the BLM Well Information System
For BP AMERICA PRODUCTION CO., sent to the Farmington
Committed to AFMSS for processing by STEVE MASON on 06/08/2012 (12SXM0236SE)

Name (Printed/Typed) **RANAD ABDALLAH**Title **AUTHORIZED REPRESENTATIVE**

Signature

(Electronic Submission)

Date **06/06/2012****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**Approved By **STEPHEN MASON**Title **PETROLEUM ENGINEER**Date **06/08/2012**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **Farmington**

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ******NMOCD A**

Additional data for EC transaction #139866 that would not fit on the form

32. Additional remarks, continued

8. POOH and balance a plug from 300 ft to surface..

9. Cut off well head and install well marker and identification plate per regulatory requirements.

RD MO Location



BP - San Juan Wellwork Procedure

HEATH GC A001-MV
30-045-13294-00

Unit letter H SEC.32-T30NN-R09WW
San Juan, NM
Mesaverde
OGRID Number: 778
P&A date - TBD

Basic Job Procedure:

1. Kill well. Circulate well clean with fresh water.
2. POOH with tubing.
3. RU E-line and run gauge ring and junk basket past 4000 ft.
4. RIH and set CIBP 4000 ft and PT to 750 psi.
5. RIH with CBL to confirm TOC behind the 5" liner.
6. Balance cement plug from CIBP to 3700 ft
7. POOH and balance a plug from 2400 to 1050 ft. WOC & TWT
8. POOH and balance a plug from 300 ft to surface.
9. Cut off well head and install well marker and identification plate per regulatory requirements. RD MO Location

Chacra plug 3126 - 3026

Policy Reminder

Any changes to the written procedure requires an approved MoC

Current Wellbore Diagram



HEATH GC A001
MV
API #300451329400
SEC 32, T30N, R9W
NEW MEXICO

Well History

07/10/1954 MV drilled and OI completed
12/26/1957 WO Sidetrack from stuck tubing (TOF @ 4080')
Set whipstock @ 3984'
2/9/1990 WO, clean out fill
6/7/1991 Cement squeeze Int casing

Ojo Alamo @ 1150'

Kirtland @ 1300'

Fruitland @ 2255'

Pictured Cliff @ 2350'

| Formation Tops: | TVD |
|-----------------|------|
| OJAM | 1150 |
| KRLD | 1300 |
| FT | 2255 |
| PC | 2350 |
| Cliffhouse | 4095 |
| Menefee | 4182 |
| Point Lookout | 4610 |

Nipple Data

F-Nipple @ 4670'

Cliffhouse @ 4095'

Menefee @ 4182'

Point Lookout @ 4610'

End of Tubing
4703'

KB Measurement 5771'
GL 5759'

TOC Unknown

Surface Casing Data

9-5/8", 32 3#, H10 @ 249'
190 sxs cmt

Perf @ 500', sqz and circ to BH (120 sxs)
2nd sqz 25 sxs

Sqz holes @ 1900', 2600'

Pmp'd 75 sxs C-B in each set

TOC 3002' (CBL, 05/31/1991)

Tubing Details

Tubing 2-3/8" 4 7#, J55 @ 4702'

5" 15 # TOL @ 3882' (lead seal packoff)
sqz'd liner top w/ 150 sxs cmt

Production Casing Data

7" 23#, K55 @ 3966'
150 sxs cmt
Water circulated to surface but no cement returns

TOC?

MV COMPLETION

4052-4180' . Frac with 40,000 # sand
4625-4740' frac with 70,000 # sand

Production Liner Data

5" liner, @ 4777'
100 sxs cmt

PBTD. 4756'
Total Depth 4777'

Proposed Wellbore Diagram



HEATH GC A001
MV
API #300451329400
SEC 32, T30N, R9W
NEW MEXICO

Well History

07/10/1954, MV drilled and OH completed
12/26/1957 WO Sidetrack from stuck tubing (TOF @ 4080')
Set whipstock @ 3984'
2/9/1990 WO, clean out fill
6/7/1991 Cement squeeze Int casing

Ojo Alamo @ 1150'
Kirtland @ 1300'
Fruitland @ 2255'
Pictured Cliff @ 2350'

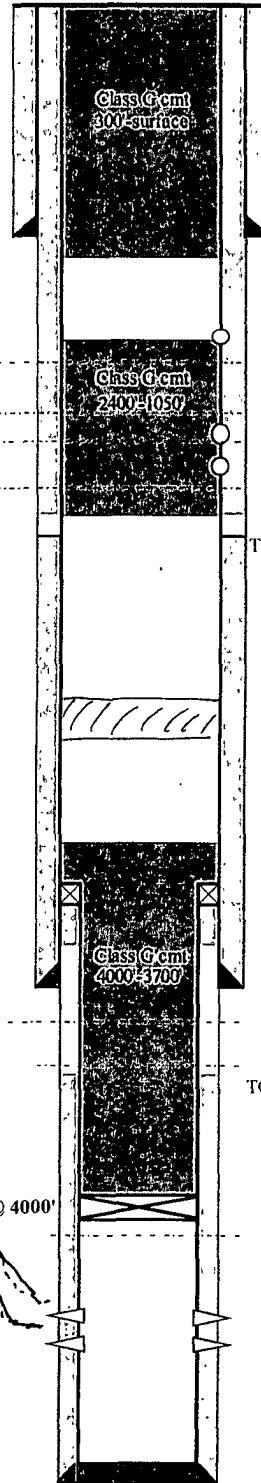
| Formation Tops: | TVD |
|-----------------|--------------------|
| OJAM | 1150 ³⁰ |
| KRLD | 1300 |
| FT | 2255 |
| PC | 2350 |
| Cliffhouse | 4095 |
| Menefee | 4182 |
| Point Lookout | 4610 |

Chacra 3076

Cliffhouse @ 4095'
Menefee @ 4182'

CIBP @ 4000'
Point Lookout @ 4610'

KB Measurement 5771'
GL 5759'



TOC Unknown

$$300 / 4.399 (1.18) = 58 \text{ sxs}$$

Surface Casing Data

9-5/8", 32.3#, H10 @ 249'
190 sxs cmt

PI 2434 - 1080

$$2434 - 1080 + 50 / 4.399 (1.18) = 270 \text{ sxs}$$

TOC 3002' (CBL, 05/31/1991)

Tubing Details

Tubing: 2-3/8" 4.7#, 155 @ 4702'

PI 3126 - 3026

$$150 / 4.399 (1.18) = 295 \text{ sxs}$$

5" 15 # TOL @ 3882' (lead seal packoff)
sq'd liner top w/ 150 sxs cmt

Production Casing Data

7" 20#, K55 @ 3966'

150 sxs cmt

Water circulated to surface but no cement returns

TOC?

$$4000 - 3962 / 4.399 (1.18) = 11 \text{ sxs}$$

$$3962 - 3700 / 4.399 (1.18) = 35 \text{ sxs}$$

$$46 \text{ sxs}$$

MV COMPLETION

4052-4180' Frac with 40,000 # sand
4625-4740' frac with 70,000 # sand

Production Liner Data

5" liner, @ 4777'
100 sxs cmt

PBTD 4756'
Total Depth 4777'

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 1 Heath Gas Com A

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Place a cement plug from 3126' – 3026' to cover the Chacra top.
 - b) Place the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug from 2434' – 1080'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.