

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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 page 2

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
W D HEATH B 1A

9. API Well No.
30-045-22682-00-S1

10. Field and Pool or Exploratory Area
BLANCO MESAVERDE

11. County or Parish, State
SAN JUAN COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
BP AMERICA PRODUCTION COMPANY
Contact: TOYA COLVIN
Mail: Toya.Colvin@bp.com

3a. Address
501 WESTLAKE PARK BLVD. THREE ELDRIGE PLACE
HOUSTON, TX 77079

3b. Phone No. (include area code)
Ph: 281.892.5369

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 31 T30N R9W NESE 1570FSL 0850FEL
36.765396 N Lat, 107.815002 W Lon

12. CHECK THE 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"/> Hydraulic Fracturing	<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 recomplate 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must 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 requests to P&A the subject well. Please see the attached P&A procedure and wellbore diagram.

In accordance with NMOCD Pit Rule 19.15.17.9 NMAC, BP will use a closed-loop system during operations.

*Reclamation plans submitted under BLM WIS# 419005



H₂S POTENTIAL EXIST

**Notify NMOCD 24 hrs
prior to beginning
operations**

**NMOCD
JUN 11 2018
DISTRICT III**

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

**Electronic Submission #419008 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 06/06/2018 (18JWS0146SE)**

Name (Printed/Typed) TOYA COLVIN Title REGULATORY ANALYST

Signature (Electronic Submission) Date 05/07/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE Title PETROLEUM ENGINEER Date 06/06/2018

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.

(Instructions on page 2)

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

P&A Procedure

W D HEATH B 1A

Blanco Mesaverde

1570' FSL & 850' FEL, Section 31, T30N, R9W, San Juan County, NM

API 30-045-22682

Spud: 9/28/1977

Plug & Abandonment Procedure:

1. **Plug #1, 3856' - 3956' (Mesa Verde Top: 3986', Perfs: 3956' - 4696')**: RIH & set CICR at 3956'. Pressure test tubing prior to pumping cement to 1000 psi. Mix & pump 4 sxs of Class B cement (or equivalent) to Mesaverde perfs. Sting out of CICR leaving 50' of cement on top of retainer. Circulate hole clean. If required run by BLM, run CBL (note: circulated cement to surface on primary cement job).
2. **Plug #2, 2491' - 2832' (7" Shoe and Liner Top: 2757'/ 2566')**: Spot 21 sxs Class B cement in a balanced plug inside casing to cover 7" shoe and liner top. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
3. **Plug #3, 2284' - 2434' (PC Top: 2359')**: Spot 29 sxs Class B cement in a balanced plug inside casing to cover Pictured Cliffs top. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
4. **Plug #4, 1999' - 2149' (Fruitland Top: 2074')**: Spot 29 sxs Class B cement in a balanced plug inside casing to cover Fruitland top. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
5. **Plug #5, 925' - 1135' (Ojo Alamo & Kirtland Top: 1000'/1060')**: Spot 41 sxs Class B cement in a balanced plug inside casing to cover Ojo Alamo and Kirtland tops. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
6. **Plug #6, (330' to Surface)**: Mix approximately 64 sxs of cement. Spot the surface plug to cover a minimum of 50' to surface and top off as necessary.
7. ND BOP and cut off wellhead below surface casing flange per regulation. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

W D HEATH B 1A

Proposed P&A

Blanco Mesaverde

1570' FSL & 850' FEL, Section 31, T30N, R9W, San Juan County, NM

API 30-045-22682

Spud: 9/28/1977

Procedure Date: 1/16/2018

Surface Plug: 330' to Surface
64 sxs Class B

Hole Size: 13-3/4"
Surface Csg: 9-5/8" 32.3#
Hole Size: 8-3/4"
Int Csg: 7" 20#
Hole Size: 6-1/4"
Prod Csg: 4-1/2" 10.5#

Surface Set @: 280'
Cmt w/ 300 sxs circ to surf

Ojo Alamo Top 1000'
Kirtland Top 1060

PLUG 5: 925- 1135'
41 sxs Class B

Fruitland Top 2074'

PLUG 4: 1999- 2149'
29 sxs Class B

PC Top 2359'

PLUG 3: 2284- 2434'
29 sxs Class B

PLUG 2: 2491- 2832'
21 sxs Class B

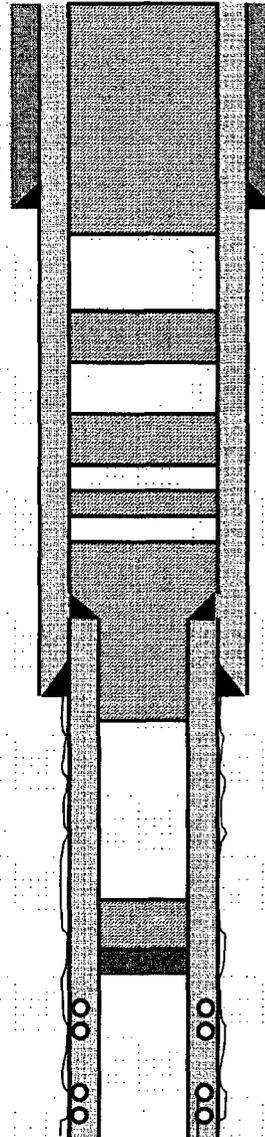
7 Int Set @: 2757'
Cmt w/ 480 sxs circ to surf

Mesaverde Top @ 3986'

PLUG 1: 3856- 3956'
Set CICR @ 3956'
4 sxs Class B

Mesaverde Perfs: 3956- 4696'

4- 1/2" Liner Set @ 2566- 4820'
Cmt w/ 270 sxs circ to TOL



PBTD: 4777'
TD: 4820'

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: WD Heath B 1A

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) Add a cement plug (3146 – 3046) ft. to cover the Chacra top. BLM picks top of Chacra at 3096 ft.
- b) Set Plug #4 (2050 - 1950) ft. to cover the Fruitland top. BLM picks top of Fruitland at 2000 ft.
- c) Set Plug #5 (1286 – 1025) ft. to cover the Kirtland and Ojo Alamo tops. BLM picks top of Kirtland at 1236 ft. BLM picks top of Ojo Alamo at 1075 ft.

H₂S has not been reported in this section, however, low concentrations of H₂S (10 ppm - 14 ppm GSV) have been reported in wells within a 1 mile radius of this location.

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.