

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.
NMSF080917

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
ATLANTIC B LS 3B

2. Name of Operator
BP AMERICA PRODUCTION COMPANY

Contact: TOYA COLVIN

Mail: Toya.Colvin@bp.com

9. API Well No.
30-045-32078-00-S1

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

3b. Phone No. (include area code)
Ph: 281-366-7148

10. Field and Pool, or Exploratory
BLANCO MESAVERDE

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

Sec 4 T30N R10W NESW 1960FSL 2245FWL
36.838772 N-Lat, 107.889522 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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 requests to P&A the subject well. Please see the attached P&A procedure and the required BLM reclamation plan documents.

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

OIL CONS. DIV DIST. 3

MAY 02 2016

Notify NMOCD 24 hrs
prior to beginning
operations

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

Electronic Submission #335675 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 04/27/2016 (16JWS0155SE)

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/05/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 04/27/2016

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

10
5

April 5, 2016

NMOCD

BP would like to permanently plug and abandon well **Atlantic B LS 3B** as per the attached procedure and wellbore schematics.

PLUG AND ABANDONMENT PROCEDURE

Blanco Mesaverde

1960' FSL and 2245' FWL, Section 4, T30N, R10W

San Juan County, NM / API 30-045-32078

Note: All cement volumes use 10% per 1000' of depth, both inside and outside; or use 100% excess outside casing, 50' excess inside casing and 50' excess for a casing annulus, whichever is greater. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. Install and test rig anchors. Comply with all COGD, BLM and Williams safety rules and regulations. Prepare a lined waste fluid pit. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary.
2. Rods: Yes ☐ , No ☒ , Unknown ☐ .
Tubing: Yes ☐ , No ☒ , Unknown ☐ , Size , Length .
Packer: Yes ☐ , No ☒ , Unknown ☐ , Type .
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or a CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.

3. **Plug #1 (Mesaverde perforations and top, 4562' – 4462')**: Round trip 2-7/8" gauge ring to 4562', or as deep as possible. RIH and set a wireline CIBP at 4562'. Attempt to pressure test casing to 800 PSI. If casing does not test then spot or tag subsequent plugs. Mix 8 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde interval. PUH.
4. **Plug #2 (Pictured Cliffs, Fruitland tops and 5.5" casing shoe, 3125' – 2853')**: Mix and pump 10 sxs Class B cement and spot a balanced plug inside casing to cover the Pictured Cliffs and Fruitland tops through the 5.5" casing shoe. TOH.
5. Pull up on the 2.875" casing and calculate a free point depth. Perforate squeeze holes at appropriate depth and establish circulation to surface. Jet cut the 2.875" casing at the appropriate depth. Pull and LD the 2.875" casing.
6. **Plug #3 (casing cut and Kirtland, Ojo Alamo tops, 1895' – 1685')**: Mix 30 sxs Class B cement and spot a plug inside the casing to cover 2-7/8" casing stub and cover the Kirtland and Ojo Alamo tops. TOH.
7. **Plug #4 (Surface, 410' – 0')**: Perforate 3 squeeze holes at 410'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 100 sxs Class B

cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC.

8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. Cut off anchors and clean up location. Restore location per BLM stipulations.

Atlantic B LS 3B

Proposed P&A

Blanco Mesaverde

1960' FSL & 2245' FWL, Section 4, T-30-N, R-10-W
San Juan County, NM / API #30-045-32078

Today's Date: 3/18/16
Spud: 4/22/04
Comp: 5/04/04
Elevation: 6408' GL

Nacimiento @ 360'

Ojo Alamo @ 1735'

Kirtland @ 1870'

Fruitland @ 2903'

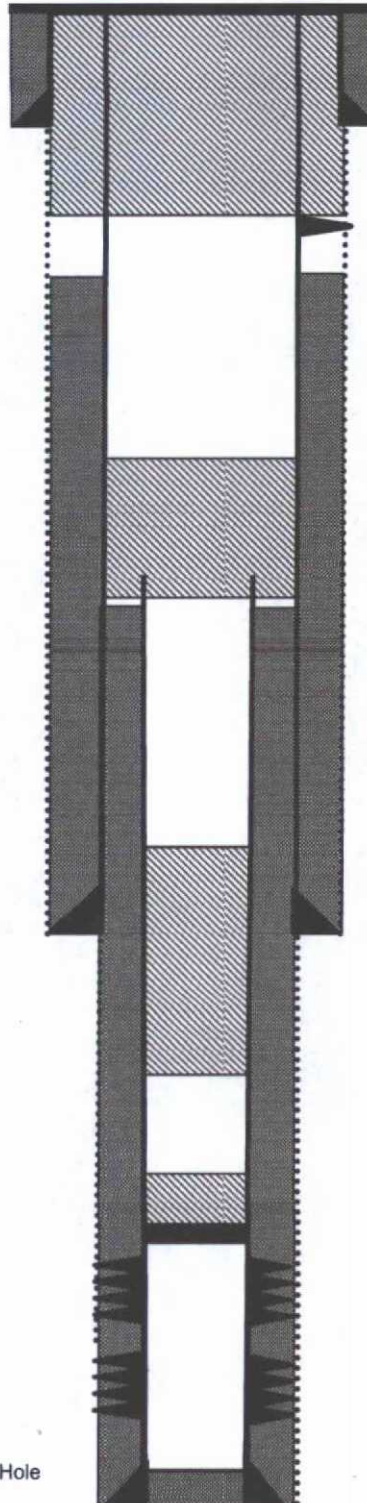
Pictured Cliffs @ 3075'

Mesaverde @ 4568'

12.25" Hole

7.875" Hole

4.75" Hole



8.625", 20#, J-55 Casing set @ 200'
135 sxs cement, circulated to surface,

Perforate @ 410'

TOC in 5.5" casing @ 515' (T.S.)

Jet cut 2-7/8" casing at 1885'

TOC in 2-7/8" casing @ 1895' (CBL)

5.5" 16#, J-55 Casing @ 2752'
Cemented with 368 sxs

Set CIBP @ 4562'

Mesaverde Perforations:
4612' - 5162'

Mesaverde Perforations:
5330' - 5423

2.875" 7#, J-55 @ 5721'
Cemented with 135 sxs

Plug #4: 410' - 0'
Class B Cement, 100 sxs

Plug #3: 1895' - 1685'
Class B Cement, 30 sxs

Plug #2: 3125' - 2853'
Class B Cement, 10 sxs

Plug #1: 4562' - 4462'
Class B Cement, 8 sxs

TD 5723'
PBTD 5721'

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: Atlantic B LS 3B

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) Set a cement plug (3838-3738) ft. to cover the Chacra top. BLM picks top of Chacra at 3788 ft.
- b) Bring the top of plug #2 to 2600 ft. to cover the Fruitland top. BLM picks top of Fruitland at 2650 ft. Adjust cement volume accordingly.
- c) Bring the top of plug #3 to 1593 ft. to cover the Ojo Alamo top. BLM picks top of Ojo Alamo at 1643 ft. Adjust cement volume accordingly.

Operator will run CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov Brandon.Powell@state.nm.us

Low concentrations of H₂S (5 ppm – 20 ppm GSV & 4 ppm – 8 ppm STV) 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.