

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.
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.8. Well Name and No.
ATLANTIC B LS 3C9. API Well No.
30-045-32178-00-S110. Field and Pool, or Exploratory
BLANCO MESAVERDE11. County or Parish, and 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

Email: Toya.Colvin@bp.com

3a. Address

501 WESTLAKE PARK BLVD. THREE ELDRIDGE PLACE
HOUSTON, TX 77079

3b. Phone No. (include area code)

Ph: 281-366-7148

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

Sec 4 T30N R10W SWSE 720FSL 2445FEL
36.835376 N Lat, 107.887646 W Lon

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

TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ 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 procedure and the BLM required reclamation documents.

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

Notify NMOCD 24 hrs
prior to beginning
operations

OIL CONS. DIV DIST. 3

AUG 31 2016

**BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS****SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

**Electronic Submission #348913 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 08/26/2016 (16JWS0230SE)**

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/24/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 08/26/2016

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**

July 7, 2016

NMOCD

BP would like to permanently abandon the Atlantic B LS 003C as per the proposed procedure and wellbore sketches.

PLUG AND ABANDONMENT PROCEDURE

Blanco Mesaverde
720' FSL and 2445' FEL, Section 4, T30N, R10W
San Juan County, New Mexico / API 30-045-32178
Lat: N _____ / Lat: W _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test rig anchors. Comply with all NMOCD, BLM, and Operator safety rules and regulations. Prepare a lined waste fluid pit. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. Record casing, tubing, and bradenhead pressures. NU relief line and blow down well; kill well with water as necessary. ND wellhead and NU BOP. Function test BOP.
2. Rods: ☐ Yes ☒ No ☐ Unknown
Tubing: ☒ Yes ☐ No ☐ Unknown Size, Length: 1.66", 5350'
Packer: ☐ Yes ☒ No ☐ Unknown Type: N/A
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

NOTE: The BLM requires a CBL to be run on all wells where the cement did not circulate to surface or a CBL 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 (Mesa Verde perforations and top, 4452' – 4552')**: Round trip gauge ring or casing scraper to 4552' or as deep as possible. RIH and set a 2-7/8" wireline-set CIBP at 4552'. Mix 8 sx Class B cement inside casing from 4552' to isolate the MV perforations and top. POH.
4. **Plug #2 (Lewis perforations and top, 3241' – 3804')**: RIH and set a tubing-set CIBP at 3804'. Load casing with water and circulate well clean. Pressure test casing to 1000#. **If the casing does not test, then spot or tag subsequent plugs as appropriate.** Circulate well clean. Mix and pump 17 sx Class B cement and spot a balanced plug inside casing to cover the Lewis perforations and top. Pull up.
5. **Plug #3 (Fruitland and Pictured Cliffs tops, 2857' – 3165')**: Mix and pump 10 sx Class B cement and spot a balanced plug inside casing to cover the Fruitland and Pictured Cliffs tops. TOH.
6. **Plug #4 (Ojo Alamo and Kirtland tops, 1622' – 1954')**: Perforate 3 squeeze holes at 1915'. Establish circulation out intermediate casing with water and circulate the intermediate annulus clean. Mix approximately 87 sx Class B cement and pump down the 2.875" casing to circulate good cement out the intermediate annulus. Shut in well and WOC.

7. **Plug #5 (Nacimiento top and surface, surface – 324')**: Perforate 3 squeeze holes at 324'. Establish circulation out intermediate casing with water and circulate the intermediate annulus clean. Mix approximately 74 sx Class B cement and pump down the 2.875" casing to circulate good cement out the intermediate annulus. Shut in well and WOC.
8. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL, and cut off anchors. Restore location per BLM stipulations.

Proposed WBD



Atlantic B LS 003C
MV
API # 30-045-32178
Unit O - Sec. 4 - T30N - R10W
San Juan, NM

Formation Tops

San Jose	0
Nacimiento	274
Ojo Alamo	1672
Kirtland	1904
Fruitland	2957
Pictured Cliffs	3115
Lewis	3341
Cliff House	4602
Menefee	4917
Point Lookout	5327
Mancos	5675

Directional Survey

Depth	Inclination
624	0.75
1121	1.00
1620	2.25
2119	2.75
2779	1.75

Lewis Perforations

3854', 72', 3934', 74'
4048', 67', 76', 88', 96'
4132', 40', 54', 94'
4207', 24', 34', 60', 70', 94'

Frac'd w/ 229k# 16/30 & 65% quality foam

Mesa Verde Perforations

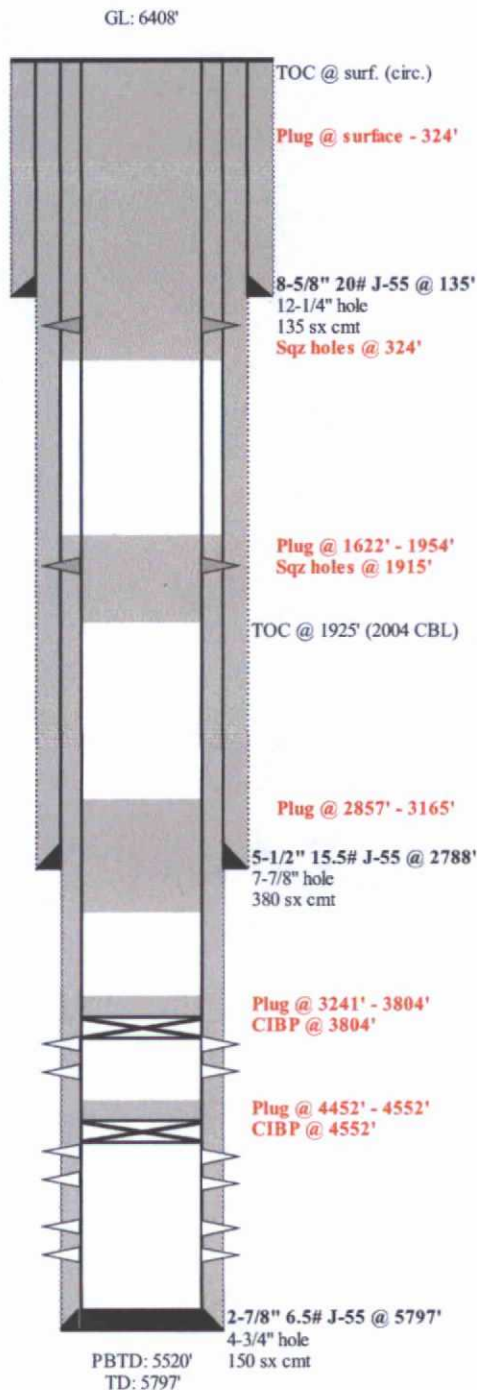
4642' - 4660' 2 jspf, 0.190"
4712' - 4733' 2 jspf, 0.190"
4755' - 4775' 2 jspf, 0.190"
4827' - 4847' 2 jspf, 0.190"
4880' - 4897' 2 jspf, 0.190"
4904' - 4915' 2 jspf, 0.190"

Frac'd w/ 127k# 16/30 & 70% quality foam

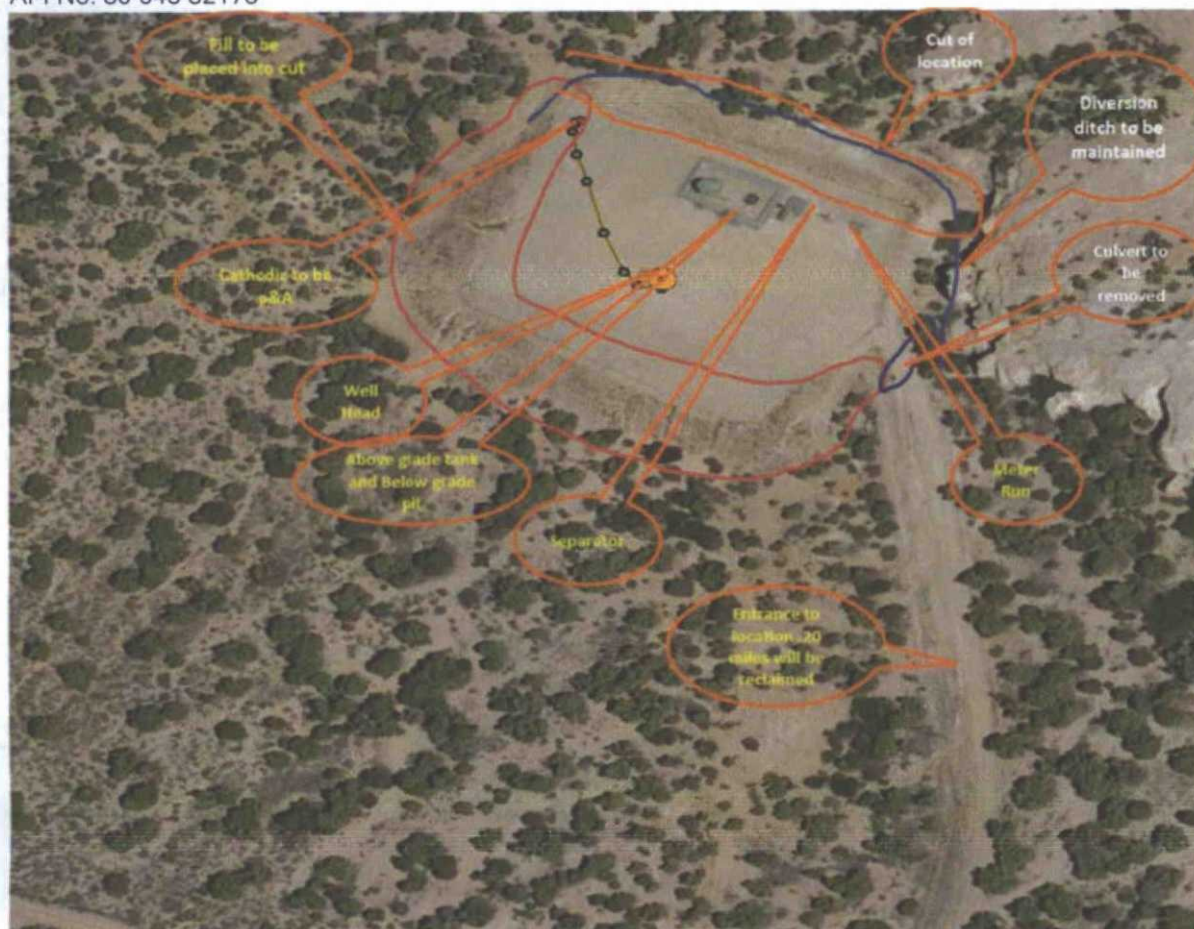
5343', 53', 62', 72', 82', 92' 2 jspf, 0.200"

5403', 09', 22', 40', 50', 58' 3 jspf, 0.200"

Frac'd w/ 75k# 16/30 & 70% quality foam



Well name and no: Atlantic B LS 003 C
API No. 30-045-32178



CORRPRO – PLUG AND ABANDON - DEEP ANODE GROUND BED

Permits: Corrpro will assist the Company in applications for permits required by any City, County and/or State agencies.

Anode Hole/Surface Casing: At the surface of the anode bed the surface casing shall be excavated or hydro-excavated at a depth of 3' below grade. All conduits and wires shall be terminated and removed. The surface casing and vent pipe will be cut down flush at 2' below grade. Anode leads, after terminated, will be left in the well bore. If the anode bore is open, a bentonite and water mixture will be poured in to backfill. A cement mixture of Portland cement shall be poured as backfill around the anode bed bore to approximately 6" above remaining surface casing. The excavation shall then be backfilled with native soil.

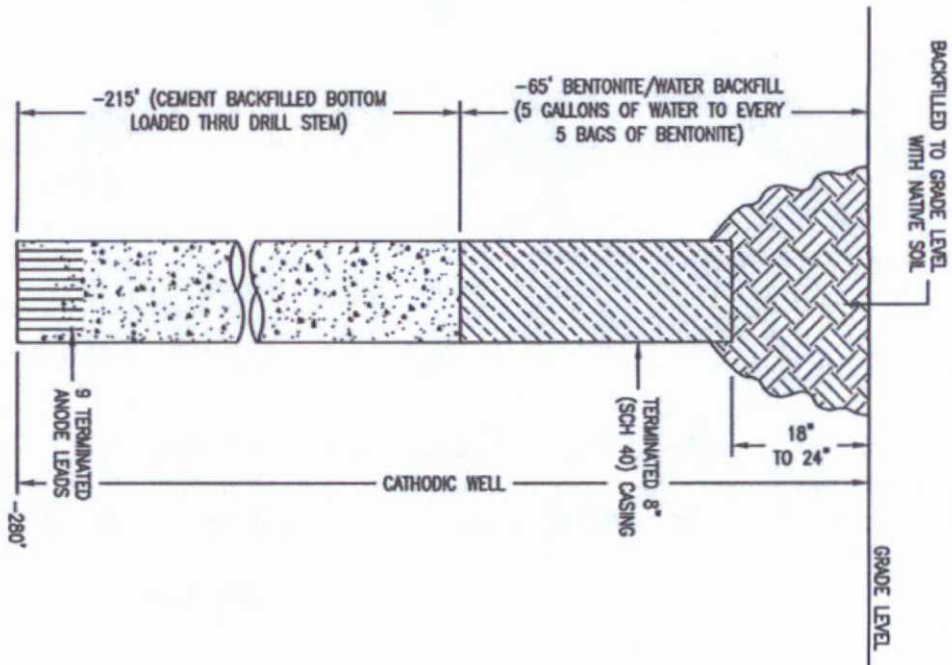
ANODE LEAD JUNCTION BOX

Removal: The anode lead junction box immediately adjacent to the deep anode will be removed along with all remaining conduits and wiring. The 4x4 post will be removed along with the concrete pad and backfilled to grade with native soil.

NEGATIVE/POSITIVE CABLES

Termination of negative/positive leads will be left to the discretion of the owner.

NO.	DATE	REVISIONS	REV.	CHK.	APP.	NOTES
1						THIS DOCUMENT IS THE PROPERTY OF CORRPRO COMPANY, INC. IT IS TO BE USED FOR THE DESIGN AND CONSTRUCTION OF THE CATHODIC PROTECTION SYSTEM ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF CORRPRO COMPANY, INC., NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. THE INFORMATION IN THIS DOCUMENT IS THE PROPERTY OF CORRPRO COMPANY, INC. AND IS TO BE USED FOR THE DESIGN AND CONSTRUCTION OF THE CATHODIC PROTECTION SYSTEM ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF CORRPRO COMPANY, INC., NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.
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corrpro
An Arcon Company

DESIGNED BY	Fluorino
CHECKED BY	R. Martin
DATE	3-20-14
SCALE	N.T.S.
JOB NO.	340140538
DWG. NO.	340140538-01

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 #3C

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) Bring the top of Plug #3 to **2660 ft.** to cover the Fruitland top. **BLM picks top of Fruitland at 2710 ft.** Adjust cement volume accordingly.

Low concentrations of H₂S (5 ppm – 20 ppm GSV & 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.