

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.*

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

5. Lease Serial No.  
NMNM03549

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
SW349

8. Well Name and No.  
WARREN LS 8

9. API Well No.  
30-045-11745-00-S1

10. Field and Pool or Exploratory Area  
BLANCO PICTURED CLIFFS

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

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

3a. Address 3b. Phone No. (include area code)  
501 WESTLAKE PARK BLVD. THREE ELDRIGE PLACE Ph: 281.892.5369  
HOUSTON, TX 77079

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

Sec 7 T28N R8W SWSW 0600FSL 0800FWL  
36.670258 N Lat, 107.727646 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 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 must 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 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, wellbore diagram, and the BLM required reclamation plan 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**

**NMOCD  
JUN 11 2018  
DISTRICT III**

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

**Electronic Submission #414027 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 05/22/2018 (18JWS0141SE)**

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/23/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 05/22/2018

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 \*\***

**NMOCD**

## PLUG AND ABANDONMENT PROCEDURE

February 20, 2018

### Warren LS #8

Aztec Pictured Cliffs

600' FSL and 800' FWL, Section 7, T28N, R8W  
San Juan County, New Mexico / API 30-045-11745

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 G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
2. Rods: Yes ☐ , No ☒ , Unknown ☐ .  
Tubing: Yes ☐ , No ☒ , Unknown ☐ , Size  , Length  .  
Packer: Yes ☐ , No ☒ , Unknown ☐ , Type  .

**NOTE: Pick up 2100' 1-1/4" tubing workstring.**

**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.**

1. **Plug #1 (Pictured Cliffs interval and Fruitland top, 2090' – 1788')**: Round trip 2.875" gauge ring to 2090' or as deep as possible. RIH and set 2.875" wireline CIBP at 2090'. Circulate well clean. Pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate. PU tubing workstring and RIH. Spot 12 sxs Class G cement inside casing from 2090' to cover through the Fruitland top. TOH.
2. **Plug #2 (Kirtland and Ojo Alamo tops, 1286' – 1003')**: Perforate 3 bi-wire squeeze holes at 1286'. RIH and set 2.875" wireline CR at 1236'. PU tubing and sting into CR. Mix and pump 93 sxs Class G cement; squeeze 83 sxs outside and leave 10 sxs inside to cover through the Ojo Alamo top. TOH.
3. **Plug #3 (8.625" surface casing shoe, 270' - Surface)**: Perforate squeeze holes at 270'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 85 sxs Class G cement and pump down the 2.875" casing to circulate good cement out bradenhead. Shut in well and WOC.
4. 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

**Warren LS #8**

**Proposed P&A**

**Aztec Pictured Cliffs**

**600' FSL, 800' FWL, Section 7, T-28-N, R-8-W**

**San Juan County, NM, API #30-045-11745**

Today's Date: 2/20/18

Spud: 6/9/66

Completed: 7/8/66

Elevation: 5738' GI

12.25" hole

8-5/8" 24# Casing set @ 220'  
Cement with 160 sxs, circulated

Perforate @ 270'

Plug #3: 270' - 0'  
Class G Cement, 85 sxs

Ojo Alamo @ 1053'

Kirtland @ 1236'

Set CR @ 1236'

Perforate @ 1286'

Plug #2: 1286' - 1003'  
Class G Cement, 93 sxs  
83 outside and 10 inside

TOC unknown, did not circulate

Fruitland @ 1838'

Plug #1: 2090' - 1788'  
Class G Cement, 12 sxs

Pictured Cliffs @ 2140'

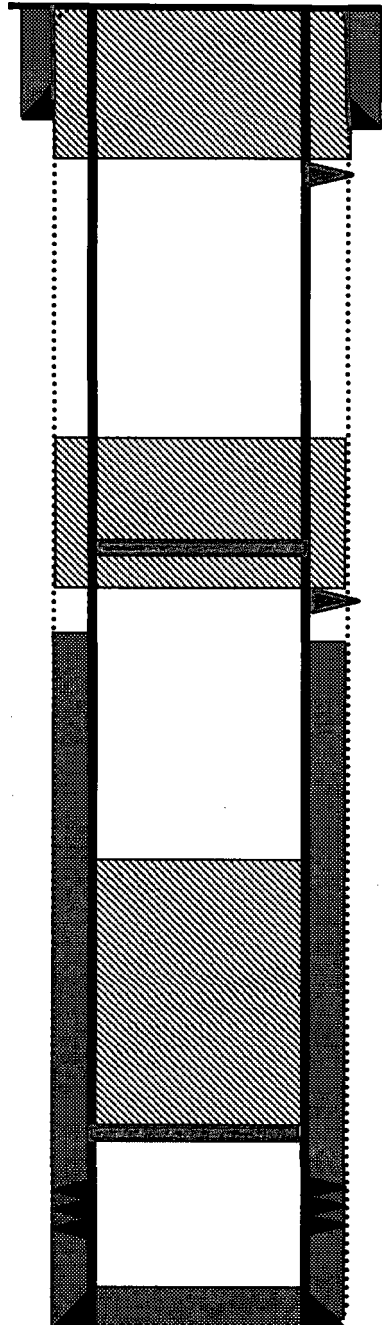
Set CIBP @ 2090'

Pictured Cliffs Open Hole:  
2140' - 2156'

6.25" hole

2.875", 6.4#, Casing set at 2253'  
Cement with 260 sxs

TD 2253'



**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: Warren LS #8

**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.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: [aelmadani@blm.gov](mailto:aelmadani@blm.gov), [brandon.powell@state.nm.us](mailto:brandon.powell@state.nm.us) [jwsavage@blm.gov](mailto:jwsavage@blm.gov)

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.