

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM03549

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 27. If Unit or CA/Agreement, Name and/or No.
SW349

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
WARREN LS 8

2. Name of Operator

BP AMERICA PRODUCTION COMPANY

Contact: PATTI CAMPBELL

Email: patti.campbell@bpx.com

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

3a. Address

1199 MAIN AVE. SUITE 101
DURANGO, CO 81301

3b. Phone No. (include area code)

Ph: 970-712-5997

10. Field and Pool or Exploratory Area
BLANCO PICTURED CLIFFS

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

11. County or Parish, State

SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 recomple 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 recomple 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.

The subject well was plugged and abandoned on 2/13/19 per the attached Final P&A report and Plugged Well Diagram. A CBL is attached.

NMOC

FEB 30 2019

DISTRICT III

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

Electronic Submission #455542 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by SHANNON FACHAN on 02/25/2019 (18JWS0141SE)

Name (Printed/Typed) PATTI CAMPBELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 02/21/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USEApproved By **ACCEPTED**VIRGIL LUCERO
Title BRANCH CHIEF, I&E

Date 02/25/2019

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 ****

NMOCDA

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BP America

Plug And Abandonment End Of Well Report

Warren LS 8

600' FSL & 800' FWL, Section 7, T28N, R8W

San Juan County, NM / API 30-045-11745

Work Summary:

- 2/7/19** Made BLM, and NMOCD P&A operations notifications at 1:00 PM MST.
- 2/8/19** MOL and R/U P&A rig. Checked well pressures: Tubing: N/A, Casing: 40 psi, Bradenhead: 0 psi. Bled down well. Shut-in well for the day. Derrick McCullers was BLM inspector on location.
- 2/11/19** Checked well pressures: Tubing: N/A, Casing: 40 psi, Bradenhead: 0 psi. Bled down well. R/U wire line services. Ran 2-7/8" gauge ring down to top perforation at 2140'. P/U CIBP, RIH and set at 2090'. N/D wellhead, N/U BOP and function tested. P/U 1-1/4" work string to 2090'. Circulated the wellbore clean with 20 bbls of fresh water. Pressure tested casing to 800 psi in which it successfully held pressure. Loaded Bradenhead with 2 bbls of fresh water and pressure tested to 300 psi in which it failed to hold pressure. R/U wire line services. Ran CBL from CIBP at 2090' to surface. CBL results were sent to BLM/NMOCD offices for review. Shut-in well for the day. Derrick McCullers was BLM inspector on location.
- 2/12/19** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Pumped plug #1 from 2090'-1738' to cover the Pictured Cliffs perforations and formation top and Fruitland formation top. PUH. Pumped plug #2 from 1295'-1130' to cover the Kirtland formation top. R/U wire line services. RIH and perforated squeeze holes at 1103'. Attempted to establish injection rate into perforations at 1103' but was unsuccessful. R/U cementing services. Pumped second stage of plug #2 from 1130'-600', squeezed 10 sx of cement into perforations at 1103' and spotted 15

sx inside casing to cover the Ojo Alamo formation top. WOC 4 hours. TIH and tagged cement at 896'. R/U wire line services. RIH and perforated squeeze holes at 270'. R/U cementing services. Successfully established circulation down through perforations at 270' and back around and out Bradenhead valve at surface. Successfully circulated cement down through perforations at 270' and back around and out Bradenhead valve at surface to cover the surface casing shoe. N/D BOP. Shut-in well for the day. Derrick McCullers was BLM inspector on location.

2/13/19

Checked wellbore pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Cut-off wellhead. Installed P&A marker per BLM and NMOCD standards. Ran weighted tally tape down surface casing and tagged cement 8' down in surface casing. Cement was at surface in production casing. Ran 3/4" poly pipe down surface casing and topped-off well with 49 sx of cement. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL. Derrick McCullers was BLM inspector on location.

Plug Summary:

Plug #1: (Pictured Cliffs Perforations and Formation Top, Fruitland Formation Top 2090'-1738', 10 Sacks Class G Cement)

Mixed 10 sx Class G cement and spotted a balanced plug to cover the Pictured Cliffs perforations and formation top and Fruitland formation top.

Plug #2: (Kirtland and Ojo Alamo Formation Tops 1295'-896', 30 Sacks(Squeezed 10 sx) Class G Cement)

Mixed 30 sx of cement and spotted a balanced plug from 1295'-1130' to cover the Kirtland formation top. RIH and perforated squeeze holes at 1103'. Attempted to establish injection rate into perforations at 1103' but was unsuccessful. Squeezed 10 sx into perforations at 1103', spotted 15 sx of cement inside casing to cover the Ojo Alamo formation top.

Plug #3: (Surface Casing Shoe 270'-Surface, 173 Sacks(49 sx for top-off) Class G Cement)

Loaded Bradenhead with 2 bbls of fresh water and pressure tested to 300 psi in which it failed to hold pressure. RIH and perforated squeeze holes at 270'. R/U cementing services. Successfully established circulation down through perforations at 270' and back around and out Bradenhead valve at surface. Successfully circulated cement down through perforations at 270' and back around and out

Bradenhead valve at surface to cover the surface casing shoe. N/D BOP. Cut-off wellhead. Installed P&A marker per BLM and NMOCD standards. Ran weighted tally tape down surface casing and tagged cement 8' down. Cement was at surface in production casing. Ran $\frac{3}{4}$ " poly pipe down surface casing and topped-off well with 49 sx of cement. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL.

Wellbore Diagram

Warren LS 8
API #: 3004511745
San Juan County, New Mexico

Plug 3

270 feet - Surface
270 feet plug
173 sacks of Class G Cement
49 sacks for top-off

Plug 2

1295 feet - 896
399 feet plug
30 sacks of Class G Cement
10 sacks squeezed through perfs

Plug 1

2090 feet - 1738
352 feet plug
10 sacks of Class G Cement

Surface Casing

8.625" 20# @ 120 ft

Formation

Kirtland - 1236 ft
Fruitland - 1838 ft
Pictured Cliffs - 2140 ft

Retainer @ 2070 feet

Production Casing

2.875" 6.4# @ 2258 ft

