

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**Ken McQueen**  
Cabinet Secretary

**Matthias Sayer**  
Deputy Cabinet Secretary

**Heather Riley**, Division Director  
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 4/28/18 Well information:

frmWellFilterSub													
API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-20453-00-00	FLORANCE C LS	013	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F	C	29	28	N	8	W

Application Type:

P&A     Drilling/Casing Change     Location Change

Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

Other:

Conditions of Approval:

- Notify NMOCD 24hrs prior to beginning operations.
- Extend the top of the Fruitland plug to 1730'. OCD picks the Fruitland top at 1780'.

\_\_\_\_\_  
NMOCD Approved by Signature

6/26/18  
Date

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.  
NMNM03549

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.

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
FLORANCE C LS 13

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

9. API Well No.  
30-045-20453-00-S1

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

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

10. Field and Pool or Exploratory Area  
BLANCO PICTURED CLIFFS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 29 T28N R8W NENW 0900FNL 1450FWL  
36.637070 N Lat, 107.707733 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 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 recomplete 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 recompletion 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.

NMOCD

Notify NMOCD 24 hrs  
prior to beginning  
operations

JUN 11 2018

DISTRICT III

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

**Electronic Submission #412056 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington  
Committed to AFSS for processing by ABDELGADIR ELMADANI on 05/22/2018 (18AE0040SE)**

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

**Florance C LS 13**

**Proposed P&A**

So. Blanco Pictured Cliffs

900' FNL, 1450' FWL, Section 29, T-28-N, R-8-W

San Juan County, NM, API #30-045-20453

Today's Date: 2/13/18

Spud: 4/5/69

Completed: 4/30/69

Elevation: 5843' GI

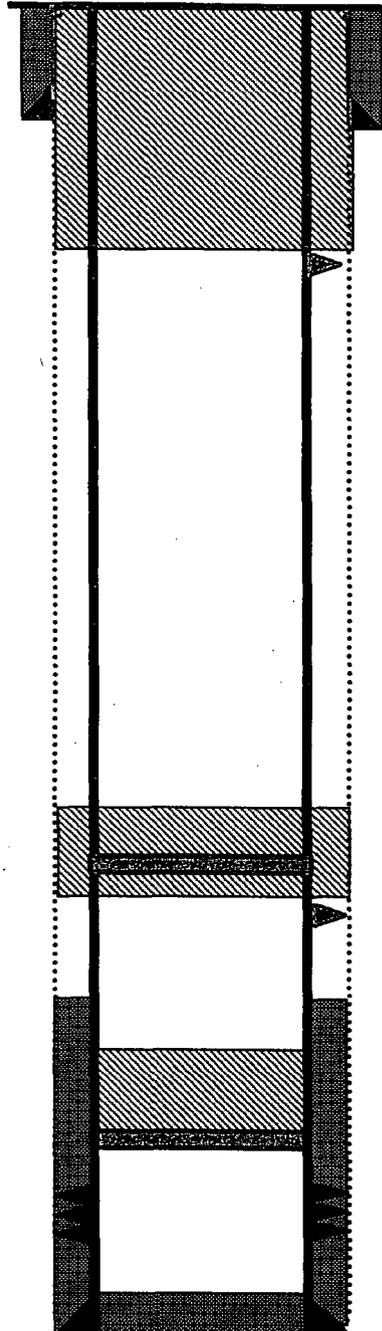
12.25" hole

Kirtland @ 239'

Fruitland @ 1071'

Pictured Cliffs @ 2165'

6.75" hole



8-5/8" 24# Casing set @ 131'  
Cement with 95 sxs, circulated

Plug #3: 289' - 0'  
Class G cement, 110 sxs

Perforate @ 289'

Plug #2: 1121' - 1021'  
Class G cement, 41 sxs:  
5 inside and 36 outside

Perforate @ 1121'

TOC unknown, did not circulate

Plug #1: 2120' - 2020'  
Class G cement, 12 sxs

Set CR or CIBP @ 2120'

Pictured Cliffs Perforations:  
2170' - 2214'

2.875", 6.4#, Casing set at 2297'  
Cement with 160 sxs

PBTD 2287'  
TD 2297'

## PLUG AND ABANDONMENT PROCEDURE

February 13, 2018

### Florance C LS 13

So. Blanco Pictured Cliffs

900' FNL and 1450' FWL, Section 29, T28N, R8W

San Juan County, New Mexico / API 30-045-20453

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 2150' 1-1/4" tubing workstring.**

3. **Plug #1 (Pictured Cliffs perforations and top, 2120' – 2020')**: Round trip 2.875" gauge ring to 2120' or as deep as possible. RIH and set 2.875" wireline CR or CIBP at 2120'. 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 2120' to cover through the PC top. TOH.
4. **Plug #2 (Fruitland tops, 1121' – 1021')**: Perforate 3 bi-wire squeeze holes at 1121'. RIH and set 2.875" wireline CR at 1071'. PU tubing and sting into CR. Mix and pump 41 sxs Class G cement; squeeze 36 sxs outside and leave 5 sxs inside to cover the Fruitland top. TOH.
5. **Plug #3 (Kirtland top, 8.625" surface casing shoe, 289' - Surface)**: Perforate squeeze holes at 289'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 110 sxs Class G cement and pump down the 2.875" casing to circulate good cement out bradenhead. Shut in well and WOC.
6. 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

**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: Florence C LS #13

**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.
  1. Set Plug #1 from (2120'-1852') to cover the top the Fruitland top. BLM picks the Fruitland formation top at 1902' ft.
  2. Add Plug from (1382'-1150') inside/outside, to cover the Kirtland tops. BLM picks the Kirtland formation tops at 1200' ft

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.