

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: 8/20/18

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-09488-00-00	FLORANCE GAS COM E	009	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F	M	13	30	N	9	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.
- Plugs from Picture Cliff formation up will need perforations to see if a rate can be established, even if CBL shows coverage due to unknown cement behind 7" casing. Please see the note on the 1982 wellbore schematic from the USGS.



NMOCD Approved by Signature

9/4/18

Date

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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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF081001
2. Name of Operator BP AMERICA PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 380 AIRPORT RD DURANGO, CO 81303		7. If Unit or CA/Agreement, Name and/or No. ISEC742
3b. Phone No. (include area code) Ph: 281.892.5369		8. Well Name and No. FLORANCE GAS COM E 9
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T30N R9W SWSW 0990FSL 0990FWL 36.806490 N Lat, 107.736650 W Lon		9. API Well No. 30-045-09488-00-S1
		10. Field and Pool or Exploratory Area BLANCO MESAVERDE
		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 recomplate 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 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
AUG 20 2018
DISTRICT III

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #422448 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 08/16/2018 (18JWS0190SE)	
Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 06/04/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JACK SAVAGE</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>08/16/2018</u>
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 <u>Farmington</u>

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 ****

P&A Procedure

BP America – FLORANCE GC E 9

Blanco Mesaverde

1850' FSL & 1650' FWL, Section 13, T30N, R9W, San Juan County, NM

API 30-045-09488

Spud: 8/5/1950

Plug & Abandonment Procedure:

1. Well has Model D packer set at 4180'. Pull prior to plugging operations.
2. Plug #1, 4005' - 4055' (Mesa Verde Top & 7" Shoe: 4168'/ 4171', Perfs: 4105' – 4962'): RIH & set CICR at 4055'. Pressure test tubing prior to pumping cement to 1000 psi. Mix & pump 5 sxs of Class B cement (or equivalent) to Mesaverde perfs. Sting out of CICR leaving 50' of cement on top of retainer. Circulate hole clean.
3. Run CBL to verify cement tops. Adjust plugs if necessary.
4. Plug #2, 2119' – 2665' (Fruitland and PC Tops: 2194'/ 2590'): Spot 49 sxs Class B cement in a balanced plug inside casing to cover Fruitland and PC tops. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
5. Plug #3, 1326' – 1465' (Ojo Alamo and Kirtland Tops: 1401'/ 1390'): Spot 13 sxs Class B cement in a balanced plug inside casing to cover Ojo Alamo and Kirtland tops. PUH. WOC. TIH to confirm top of plug. Re- spot if necessary.
6. Plug #4, (270' to Surface- 10-3/4" Shoe): Mix approximately 25 sxs of cement. Spot the surface plug to cover a minimum of 270' to surface and top off as necessary.
7. ND BOP and cut off wellhead below surface casing flange per regulation. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Florance GC E 9

Proposed P&A

Blanco Mesaverde

1850' FSL & 1650' FWL, Section 13, T30N, R9W, San Juan County, NM

API 30-045-09488

Spud: 8/5/1950

Procedure Date: 1/8/2018

Note: Well has Model D packet set at 4180'.

Ojo Alamo Top 1401'

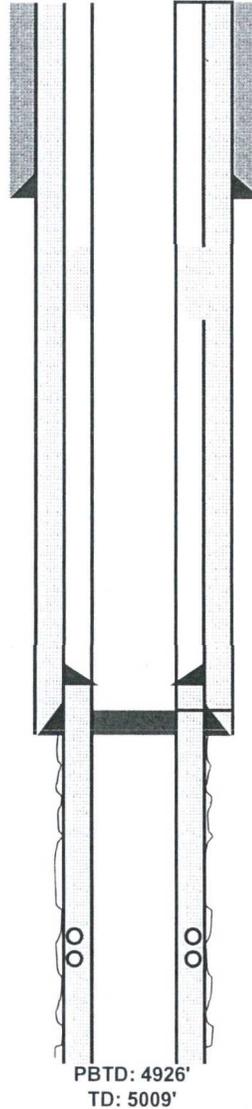
Kirtland Top 1390'

Fruitland Top 2194'

PC Top 2590'

Mesaverde Top @ 4168'

MV Perfs: 4105- 4928'
Menefee Pay Add: 4480- 4962'



Hole Size: 12-1/4"
Surface Csg: 10- 3/4"
Hole Size: 8-3/4"
Int Csg: 7"
Prod Csg: 5" 15#

Surface Set @: 220'
Cmt w/ 150 sxs
circ to surf

May have squeezed holes in 7"

7" set @ 4171'
cmt circ to surf

5" set at 4105- 4928' in 1982
Cemented w/ 475 sxs
Circ to TOL

Model D Packer @ 4180'

PBTD: 4926'
TD: 5009'

Proposed Schematic

PLUG 4: Surface to 270'
25 sxs Class B

Hole Size: 12-1/4"
Surface Csg: 10- 3/4"
Hole Size: 8-3/4"
Int Csg: 7"
Prod Csg: 5" 15#

Surface Set @: 220'
Cmt w/ 150 sxs
circ to surf

Ojo Alamo Top 1401'

PLUG 3: 1326- 1465'
13 sxs Class B

May have squeezed holes in 7"

Kirtland Top 1390'

Fruitland Top 2194'

PLUG 2: 2119- 2665'
49 sxs Class B

PC Top 2590'

7" set @ 4171'
cmt circ to surf

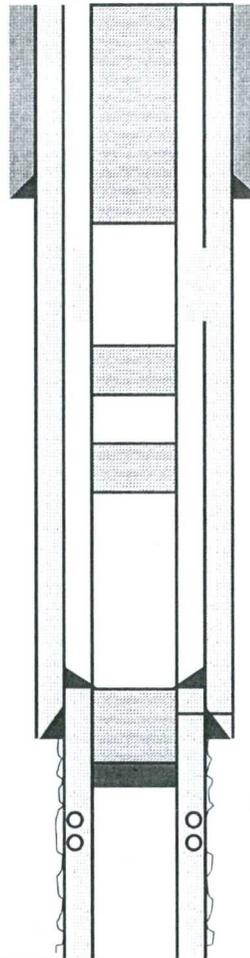
Mesaverde Top @ 4168'

PLUG 1: 4005- 4055'
Set CICR @ 4055'
5 sxs Class B

5" set at 4105- 4928' in 1982
Cemented w/ 475 sxs
Circ to TOL

MV Perfs: 4105- 4928'
Menefee Pay Add: 4480- 4962'

PBTD: 4926'
TD: 5009'



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: Florance GC E 9

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) Add a cement plug (3194 – 3094) ft. to cover the Chacra top. BLM picks top of Chacra at 3144 ft.
 - b) Set Plug 2 (2486 – 2094) ft. to cover the Pictured Cliffs and Fruitland tops. BLM picks top of Pictured Cliffs at 2436 ft. BLM picks top of Fruitland at 2144 ft.
 - c) Set Plug 3 (1446 – 1154) ft. to cover the Kirtland and Ojo Alamo tops. BLM picks top of Kirtland at 1396 ft. BLM picks top of Ojo Alamo at 1204 ft.

Operator will run a 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

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.