

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**David Martin**  
Cabinet Secretary

**Brett F. Woods, Ph.D.**  
Deputy Cabinet Secretary

**David R. Catanach, 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: 10/22/15

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-07263-00-00	FLORANCE C LS	003	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F	K	19	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)  
 Other: Zone P/A

Conditions of Approval:

Notify OCD 24hrs prior to the subsequent pressure test so it can be witnessed if possible.

NMOCD Approved by Signature

11/19/2015

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.  
NMNM03549

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.  
FLORANCE C LS 3

9. API Well No.  
30-045-07263-00-C1

10. Field and Pool, or Exploratory  
Multiple--See Attached

11. 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 CO. Contact: TOYA COLVIN  
E-Mail: Toya.Colvin@bp.com

3a. Address  
200 ENERGY CT.  
FARMINGTON, NM 87401

3b. Phone No. (include area code)  
Ph: 281-366-7148

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 19 T28N R8W NESW 1450FSL 1750FWL  
36.643478 N Lat, 107.724396 W Lon

12. CHECK 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"/> Fracture Treat	<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 type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 shall 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 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 America Production Company respectfully requests to plug the Blanco P.C. South formation in the subject well and produce the well efficiently from the Otero Chacra & Blanco-Mesaverde.

**OIL CONS. DIV DIST. 3**

Please see the attached procedure including wellbore diagrams.

**OCT 29 2015**

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

**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 #321023 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION CO., sent to the Farmington  
Committed to AFMSS for processing by ABDELGADIR ELMADANI on 10/26/2015 (16AE0097SE)**

Name (Printed/Typed) TOYA COLVIN	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/22/2015

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

Approved By <u>ABDELGADIR ELMANDANI</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>10/26/2015</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 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**

*RV*

Additional data for EC transaction #321023 that would not fit on the form

10. Field and Pool, continued

OTERO CHACRA

ON FEDERAL AND INDIAN LANDS  
AUTHORIZATION REQUIRED FOR OPERATIONS  
OPERATOR FROM OBTAINING ANY OTHER  
ACTION DOES NOT BELIEVE THE LESSEE AND  
BIA'S APPROVAL OR ACCEPTANCE OF THIS

APPROVAL OF OPERATIONS

MOOD

**Florance C LS 003-PC/CH/MV**

API # 30-045-07263-00

Location: K SEC. 19, T28N, R08W

San Juan County, New Mexico

**Reason/Background for Job**

The proposed work is to isolate the Pictured Cliffs formation and produce the well efficiently from the Chacra and Mesaverde formations.

**Basic job procedure**

1. Pull tubing
2. RIH and set 5-1/2" RBP at +/- 2,230' KB
3. Set 7-5/8" pkr at +/- 2,190' KB and pressure test RBP to 500psig
4. TOH with 7-5/8" pkr
5. Isolate Pictured Cliffs perforations with casing patch or cement squeeze
6. RIH and set 7-5/8" pkr above abandoned PC perforations
7. Pressure test isolation job to 500psig
8. POOH with 7-5/8" pkr and retrieve 5-1/2" RBP
9. TIH with tbg and cleanout to PBTD @ 4560' KB
10. Land tubing @ +/- 4380' KB
11. Return well to production

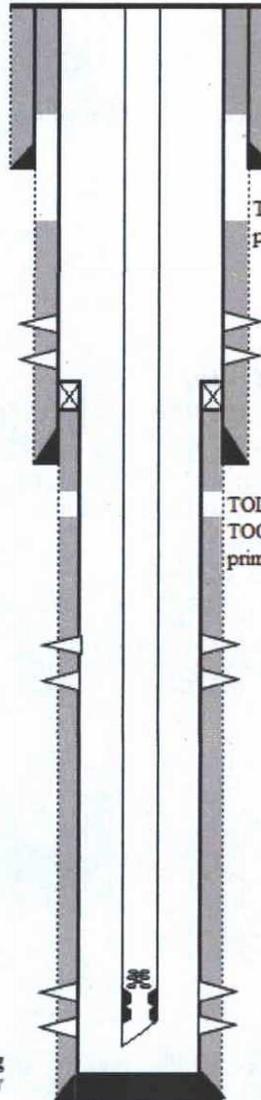


# Current WBD

GL: 5797  
KB: 9'

**FLORANCE C LS 003-PC/CH/MV**  
Pictured Cliffs / Chacra / Mesaverde  
API # 300450726300  
SEC 19K, T28N, R8W  
NEW MEXICO

\*Max Temp: 119 deg F  
\*PC Temp: 93 deg F



TOC: Surface (circ.)

### Surface Casing Data

Hole Size  
10-3/4", 32.75#, SW @ 174'  
200 sxs cmt

TOC: Surface (pump 200 sxs cmt down BH to stop gas flow,  
primary TOC @ 1235' - T.S. 9/23/57)

### Pictured Cliffs Completion

2106'-2154' (2spf), frac w/ 40k# 10/20 sand & water

### Production Casing Data

9-7/8" Hole  
7-5/8", 26.4#, J-55 @ 2292'  
200 sxs 50/50 poz, tail w/ 50 sxs neat cmt

TOL: 2211'  
TOC: TOL (sqz'd liner top w/ additional 100 sxs neat cmt,  
primary TOC @ 2600' - T.S. 9/29/57)

### Chacra Completion

3060'-3244' gross (2spz, 54 holes)  
frac w/ 198,420# 16/30 Brady snd & Propnet, N2 foam

### Mesaverde Completion

MN: 4116'-4203' gross (2spf), frac w/ 60k# 40/60 snd & water  
PL: 4316'-4552' gross (2spf), frac w/ 58k# 20/40 snd & water

### Production Liner Data

6-3/4" Hole  
5-1/2", 15.5#, J-55 @ 2211'-4600'  
300 sxs 50/50 poz cmt

### Tubing Details

2-3/8", 4.7#, J-55 @ 4450'

### Nipple Data

Stop @ 4422' w/m 7/28/08  
X-Nipple @ 4441'  
F-Nipple @ 4447'

End of Tubing  
4450'

PBDT: 4560'  
Total Depth: 4605'

Updated 10/8/15 JJvW

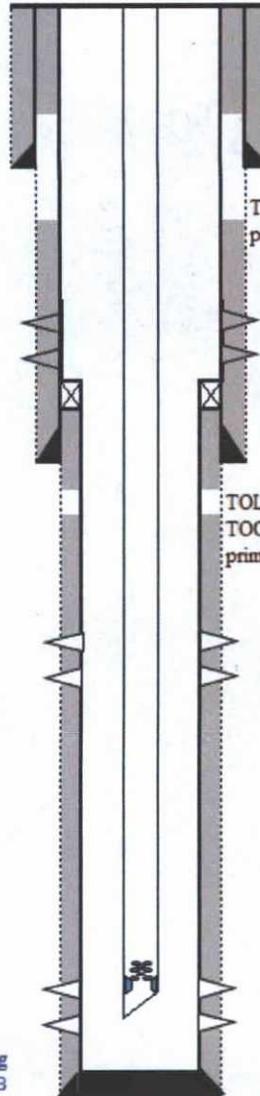


# Proposed WBD

GL: 5797  
KB: 9'

**FLORANCE C LS 003-PC/CH/MV**  
Pictured Cliffs / Chacra / Mesaverde  
API # 300450726300  
SEC 19K, T28N, R8W  
NEW MEXICO

\*Max Temp: 119 deg F  
\*PC Temp: 93 deg F



TOC: Surface (circ.)

### Surface Casing Data

Hole Size  
10-3/4", 32.75#, SW @ 174'  
200 sxs cmt

TOC: Surface (pump 200 sxs cmt down BH to stop gas flow,  
primary TOC @ 1235' - T.S. 9/23/57)

### Pictured Cliffs Completion (Abandoned 2015)

2106'-2154' (2spf), frac w/ 40k# 10/20 sand & water

### Production Casing Data

9-7/8" Hole  
7-5/8", 26.4#, J-55 @ 2292'  
200 sxs 50/50 poz, tail w/ 50 sxs neat cmt

TOL: 2211'

TOC: TOL (sqz'd liner top w/ additional 100 sxs neat cmt,  
primary TOC @ 2600' - T.S. 9/29/57)

### Chacra Completion

3060'-3244' gross (2spz, 54 holes)  
frac w/ 198,420# 16/30 Brady snd & Propnet, N2 foam

### Mesaverde Completion

MN: 4116'-4203' gross (2spf), frac w/ 60k# 40/60 snd & water  
PL: 4316'-4552' gross (2spf), frac w/ 58k# 20/40 snd & water

### Production Liner Data

6-3/4" Hole  
5-1/2", 15.5#, J-55 @ 2211'-4600'  
300 sxs 50/50 poz cmt

### Tubing Details

2-3/8", 4.7#, J-55 @ 4380' KB

### Nipple Data

PRSV Stop in F-nipple  
F-Nipple @ +/- 4377 KB

End of Tubing  
4380' KB

PBTD: 4560'  
Total Depth: 4605'

Updated 10/8/15 JJvW

## **BLM CONDITION OF APPROVAL**

### ***CASING REPAIR, WORKOVER AND RECOMPLETION OPERATIONS:***

1. If casing repair operations are needed, obtain prior approval from this office before commencing repairs. If a CBL or other logs are run, provide this office with a copy.
2. After any casing repair operations, test cement squeeze to a minimum of 500# for 30 minutes with no more than 10 % pressure fall off in the 30 minute test period. Provide test chart with your subsequent report of operations
3. A properly functioning BOP and related equipment must be installed prior to commencing workover, casing repair, and/or recompletion operations.
4. **Contact this office at (505) 564-7750 prior to conducting any cementing operations**

### ***SPECIAL STIPULATIONS:***

1. **Pits will be fenced during work-over operation.**
2. **All disturbance will be kept on existing pad.**
3. **All pits will be pulled and closed immediately upon completion of the recompletion and work-over activities.**
4. **Pits will be lined with an impervious material at least 12 mils thick.**