

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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF080246
2. Name of Operator BP AMERICA PRODUCTION CO		6. If Indian, Allottee or Tribe Name
Contact: CHERRY HLAVA E-Mail: hlavacl@bp.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281-366-4081	8. Well Name and No. FLORANCE 57R
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T29N R9W NWNE 0790FNL 1750FEL 36.71562 N Lat, 107.76280 W Lon		9. API Well No. 30-045-23548-00-S1
		10. Field and Pool, or Exploratory BLANCO PICTURED CLIFFS
		11. County or Parish, and State SAN JUAN COUNTY, NM

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 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 shall 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 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.)

There is no further up hole potential for the above mentioned well, therefore BP respectfully requests permission to abandon the entire wellbore.

Please see the attached P&A procedure.

RCVD OCT 15 '09  
OIL CONS. DIV.

DIST. 3



**H<sub>2</sub>S POTENTIAL EXIST**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #75655 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 10/15/2009 (10SXM0010SE)	
Name (Printed/Typed) CHERRY HLAVA	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/14/2009

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

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 10/15/2009
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**

# SJ Basin Well Work Procedure

**Well Name:** Florance 57R-PC **API#: 30-045-23548**  
**Date:** October 13, 2009  
**Repair Type:** P&A  
**Location:** T29N-R9W-Sec22  
**County:** San Juan  
**State:** New Mexico  
**Engr:** Amy Adkison  
**Ph:** 281-366-4495

**Objective: P&A for wellbore.**

1. Ensure wellbore is clean of obstructions.
2. Pump cement plugs and remove wellhead.

**Well History:** Well was completed in the Pictured Cliffs formation on 8/19/1979. Perforations are at 2305-2389'. Current tubing is 1.25" landed at 2401'. Total cumulative production was: 400 mmcf gas, 230 bbls water, and 12 bbls condensate.

### Procedure:

1. Notify BLM and NMOCD 24 hours prior to beginning operations P&A process to ensure scheduling of personnel to witness CBL results and cement placement.

(Note: This is a **BLM** regulated well)

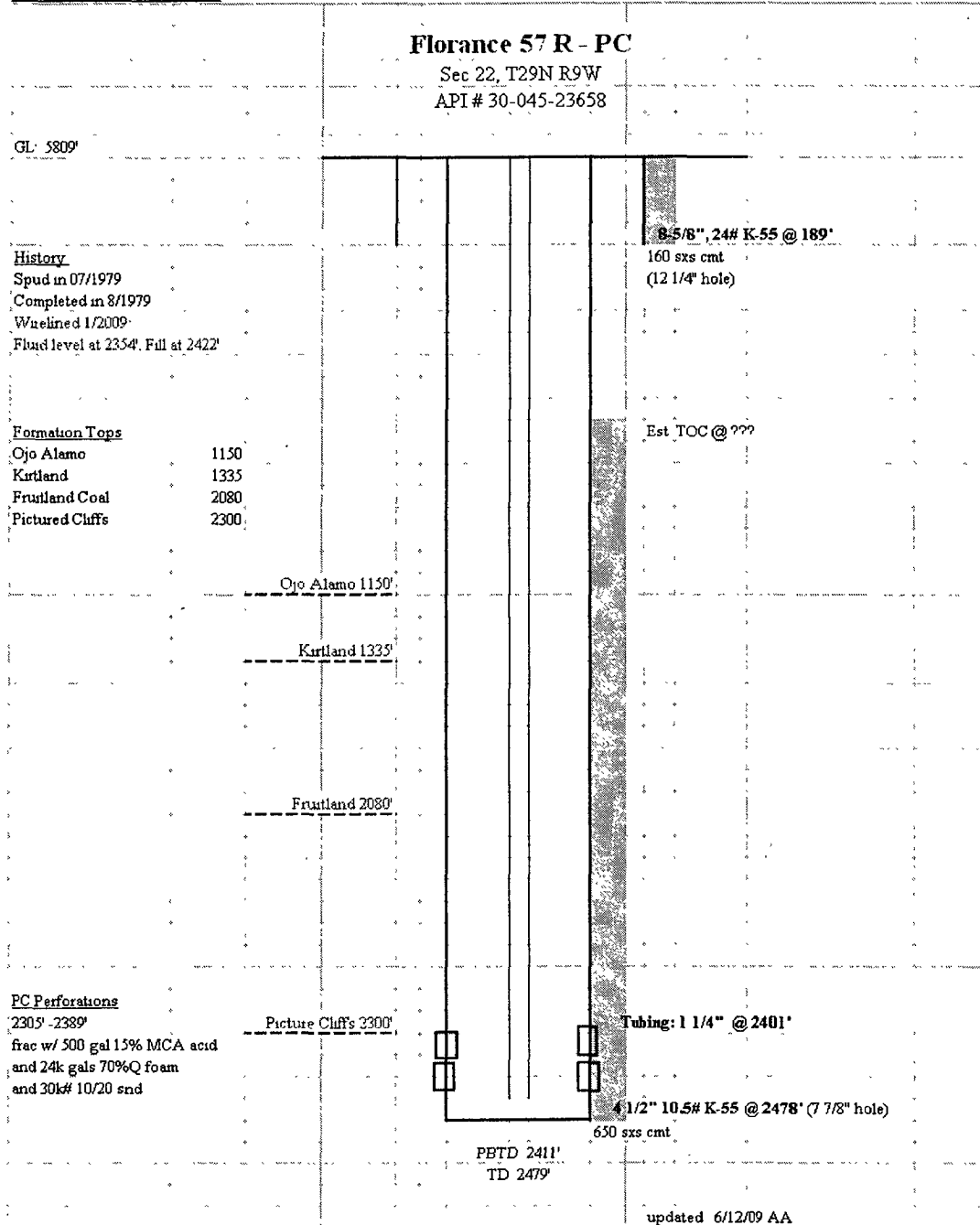
**NMOCD: (505) 334-6178 (Kelly Roberts)**

**BLM: (505) 599-8907 (Kevin Schneider)**

2. Move in and rig up service rig.
3. Blow down and kill well.
4. Nipple down wellhead. NU BOPs and diversion spool with 3'' outlets and 3'' pipe to the blow tank. Pressure test BOPs to 500 psi (This is greater than 200 psi above BHP). Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover. This is a P&A so the well should be kept dead through-out the procedure.
5. Screw out the lock down pins (if available) Pull tubing hanger and shut pipe rams and install stripping rubber.
6. TOOH and lay down 1.25'' tubing currently set at 2401'.
7. PU 2 3/8'' workstring and 4 1/2'' casing scraper. TIH with scraper down to perfs at 2305' to ensure casing is clear and CIBP will set. POOH

8. RIH w/ CIBP and set ~50' above perforations +/- 2255'. Load well from the bottom up with fluid and pressure test casing to 500 psig. This will confirm the integrity of the casing.
9. Run CBL to determine cement top behind 4-1/2" casing. Based on cement top it will be determined where perforations and cement placement behind casing will be required to properly P&A well. Contact Engineer to discuss steps forward. Top of cement is unknown. Report CBL results to regulatory agencies and engineer.  
**The order and detail of the next steps could change based on the CBL results but assumes cement behind pipe covers the Ojo Alamo zone.**
10. RIH w/ 2 3/8" workstring and spot a balanced ~~225'~~<sup>225'</sup> (~~~2.6~~<sup>2.6</sup> bbls) plug on top of CIBP (+/- 2255'). This should P&A the PC and FT Coal formations from ~~2030'-2255'~~<sup>1964'</sup>.
11. POOH with workstring to 1385'. Spot a balanced ~~285'~~<sup>285'</sup> plug (~~~4.6~~<sup>5.3</sup> bbls) from 1385' to 1100' inside 4-1/2" casing. This should put cement across the Ojo Alamo and Kirtland formations. POOH with workstring.
12. RU wireline w/ perforated gun. RIH to +/- 240' and perforate 4 1/2" casing and POOH with guns. RD wireline.
13. Establish circulation behind casing to surface. Pump a cement plug behind casing and inside 4 1/2" casing from 240' to surface (~ 14.2 bbls).
14. Perform underground disturbance and hot work permits. Cut off tree.
15. If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface. Watch for cement fall back or seepage. All annulus and casings must be full of cement with no fall back prior to installing abandonment marker.
16. Install well marker and identification plate per BLM requirements.
17. RD and release all equipment.

## Current Wellbore



# Proposed P&A plug Set Program

## Florance 57 R - PC

Sec 22, T29N R9W  
API # 30-045-23658

GL 5809'

### History

Spud in 07/1979  
Completed in 8/1979  
Wirelined 1/2009  
Fluid level at 2354' Fill at 2422'

### Formation Tops

Ojo Alamo 1150'  
Kirtland 1335'  
Fruitland Coal 2080'  
Pictured Cliffs 2300'

### PC Perforations

2305' - 2389'  
frac w/ 500 gal 15% MCA acid  
and 24k gals 70%Q foam  
and 30k# 10/20 sand.

Picture Cliffs 2300'

240' (14.2 bbls)

8.5/8", 24# K-55 @ 189'

160 sxs cmt  
(12 1/4" hole)  
Perf at 240'

$$\begin{aligned} 240 / 11.167 &= 21.5 \text{ ft}^3 = 3.8 \text{ bbls} \\ 51 / 4.3879 &= 11.6 \text{ ft}^3 = 2.1 \text{ bbls} \\ 187 / 4.046 &= 46.7 \text{ ft}^3 = 8.3 \text{ bbls} \\ &= 14.2 \text{ bbls} \end{aligned}$$

Est. TOC @ ??? near surface 75% H.

TOC @ 1100'

283' (4.6 bbls)

$$1385 - 1100 + 50 / 11.167 = 30 \text{ ft}^3 = 5.3 \text{ bbls}$$

Ojo Alamo 1150'

Kirtland 1335'

Fruitland Coal 2080'

TOC @ 2050'

225' (3.6 bbls)

1964'

$$2255 - 1964 + 50 / 11.167 = 30 \text{ ft}^3 = 5.4 \text{ bbls}$$

CIBP @ 2255'

4 1/2" 10.5# K-55 @ 2478' (7 7/8" hole)

650 sxs cmt

PBTD 2411'

TD 2479'

updated 10/8/06 AA

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 57R Florance

**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) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of the Fruitland plug to 1964'.

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.