



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

UNDRIY 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.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SF - 80000

6. If Indian, Allottee or tribe Name

2005 OCT 4 1 39

7. If Unit or CA Agreement, Name and/or No.

RECEIVED
070 FARMINGTON NM

1. Type of Well



Oil Well



Gas Well



Other

8. Well Name and No.

FLORENCE 27S

2. Name of Operator

BP AMERICA PRODUCTION COMPANY

9. API Well No.

30-045-22876 33130

3a. Address

PO BOX 3092 HOUSTON, TX
77253

3b. Phone No. (include area code)

281-366-4081

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1670' FSL & 990' FWL; SEC 26 T29N R09W NWSW Mer NMP

11. County or Parish, State

SAN JUAN, NM

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

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Acidize



Deepen



Production (Start/Resume)



Water shut-Off



Alter Casing



Fracture Treat



Reclamation



Well Integrity



Casing Repair



New Construction



Recomplete



Other Chng Casing
Size



Change Plans



Plug and Abandon



Water Disposal



Convert to Injection



Plug Back

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 submitted APD on 5/26/05 and BLM approved 8/25/05.

BP respectfully requests permission to change surface casing size from 8 5/8" to 7" and the Production casing size from 5 1/2" to 4 1/2". Please see the revised drilling plan and cement program attached.

14. I hereby certify that the foregoing is true and correct
Name (Printed/typed)

Cherry Hlava

Title Regulatory Analyst

Signature

Cherry Hlava

Date 09/28/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Adrian Brumley

Title

Pet. Eng

Date

10/7/05

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

FFO

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.

NMOC

9/15/2005

Form 46 Reviewed by:		Logging program reviewed by:			
PREPARED BY:		APPROVED:		DATE:	
DNH/DDR TT/HGJ				15-Sep-05	
Form 46 7-84bw		For Drilling Dept.		For Production Dept.	

Cementing Program

Well Name:	Florance 27S		
Location:	Sec 26 - 29N - 09W, 1670' FSL, 990' FWL	API No.	
County:	San Juan	Well Flac	
State:	New Mexico	Formation:	Fruitland Coal
		KB Elev (est)	5638
		GL Elev. (est)	5627

Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)
Surface	200	8.75	7	8rd	Surface
Production -	2172	6.250	4 1/2	8rd	Surface

Casing Properties: (No Safety Factor Included)

Casing String	Size (in.)	Weight (lb/ft)	Grade
Surface	7	20	J55
Production -	4 1/2	10.5	J55

Mud Program

Apx. Interval (ft.)	Mud Type	Mud Weight	Recommended Mud Properties Prio Cementing:
			PV <20
			YP <10
0 - SCP	Water/Spud	8.6-9.2	Fluid Loss <6
SCP - TD	Water/LSND	8.6-9.2	

Cementing Program:

	Surface	Production
Excess %, Lead	100	40
Excess %, Tail	NA	40
BHST (est deg. F)	78	108
Special Instructions	1,6	2,4,6

1. Do not wash pumps and lines.
2. Wash pumps and lines.
3. Reverse out
4. Run Blend Test on Cement
5. Record Rate, Pressure, and Density on 3.5" disk
6. Confirm densitometer with pressurized mud scales

Surface:

Preflush	20 bbl.	FreshWater	
Slurry 1	47 sx Class C Cement		60 cuft
TOC@Surface	+ 2% CaCl2 (accelerator)		
			0.1503 cuft/ft OH

Slurry Properties:	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)
Slurry 1	15.2	1.27	5.8

Casing Equipment:

- 7", 8R, ST&C
- 1 Guide Shoe
- 1 Top Wooden Plug
- 1 Autofill insert float valve
- Centralizers, as needed
- 1 Stop Ring
- 1 Thread Lock Compound

Cementing Program

Production:

Fresh Water 10 bbl CW100

Lead 90 sx Class "G" Cement 235 cuft
 Slurry 1 + 3% D79 extender
 TOC@Surface + 2% S1 Calcium Chloride

+1/4 #/sk. Cellophane Flake
 + 0.1% D46 antifoam'

Tail 57 sx 50/50 Class "G"/Poz 72 cuft
 Slurry 2 + 2% gel (extender)

500 ft fill

0.1% D46 antifoam
 +1/4 #/sk. Cellophane Flake
 + 2% CaCl₂ (accelerator)

0.1026 cuft/ft OH
 0.1169 cuft/ft csg ann

Slurry Properties:

	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)
Slurry 1	11.4	2.61	17.77
Slurry 2	13.5	1.27	5.72

Casing Equipment:

4 1/2", 8R, ST&C
 1 Float Shoe (autofill with minimal LCM in mud)
 1 Float Collar (autofill with minimal LCM in mud)
 Centralizers as needed
 1 Top Rubber Plug
 1 Thread Lock Compound