

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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. NMSF - 78596-A	
2. Name of Operator BP AMERICA PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name	
3a. Address P.O. BOX 3092 HOUSTON, TX 77253		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700		8. Well Name and No. FLORANCE 28B	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T29N R8W SENW 2215FNL 2090FWL 36.45300 N Lat, 107.39900 W Lon		9. API Well No. 30-045-30756	
		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
		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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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.)

ORIGINAL APD SUBMITTED AS THE FLORANCE T 123N ON 07/24/2001. APPROVAL GRANTED ON 08/16/2001.  
PLEASE CHANGE WELL NAME AND NUMBER TO FLORANCE 28B.

BP America Production Company respectfully request permission to amend the casing and cementing program for the subject well. Original application indicated that we would set 9 5/8" surface CSG @ 200' & SMT w/ 108 SXS CMT; set 7" intermediate CSG 100' into the Lewis Shale @ 3136' & CMT w/346 SXS CMT; and 4 1/2" production CSG (100' overlap of 7" SCG) @ 5850' & SMT w/ 143 SXS CMT.

It is our intention to set 9 5/8" Surface CSG to 125' & CMT w/70 SXS CMT; set 7" intermediate CSG @ 2611' (50' into the Fruitland) & CMT w/300 SXS CMT; and set 4 1/2" production liner @ 5946' w/100' overlap of the 7" CSG.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #10711 verified by the BLM Well Information System For BP AMERICA PRODUCTION COMPANY, sent to the Farmington</b>	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 03/08/2002

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

Approved By _____	Title PE	Date 3/8/02
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.

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**Additional data for EC transaction #10711 that would not fit on the form**

**32. Additional remarks, continued**

Please see attached documents for details of the casing and cementing program.

Well Name:	Florance 28B	Field:	Blanco Mesaverde / Basin Dak
Location:	3-29N-8W, 2215 FNL.2090 FWL	API No.	
County:	San Juan	Well Flac	
State:	New Mexico	Formation:	MesaVerde
		KB Elev (est)	6185
		GL Elev. (est)	6171

**Casing Program:**

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)	Cmt Cir. Out (bbl.)
Surface	125	12.25	9.625	ST&C	Surface	NA	
Intermediate	2611	8.75	7	LT&C	Surface	NA	
Production -	5946	6.25	4.5		2511	NA	

**Casing Properties:**

(No Safety Factor Included)

Casing String	Size (in.)	Weight (lb/ft)	Grade	Burst (psi.)	Collapse (psi.)	Joint St. (1000 lbs.)	Capacity (bbl/ft.)
Surface		9.625	32 H-40	3370	1400	254	0.0787
Intermediate		7	20 K-55	3740	2270	234	0.0405
Production -		4.5	11.6 J-55	5350	4960	154	0.0155

**Mud Program**

Apx. Interval (ft.)	Mud Type	Mud Weight	<u>Recommended Mud Properties Prio Cementing:</u>	
			PV	<20
			YP	<10
			Fluid Loss	<15
0 - SCP	Water/Spud	8.6-9.2		
SCP - ICP	Water/LSND	8.6-9.2		
ICP - ICP2	Gas/Air Mist	NA		
ICP2 - TD	LSND	8.6 - 9.2		

**Cementing Program:**

	Surface	Intermediate	Production
Excess %, Lead	100	100	40
Excess %, Tail	NA	0	40
BHST (est deg. F)	72	110	159
Time Between Stages, (hr)	NA	NA	NA
Special Instructions	1,6	1,6	2,6

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
7. 1" cement to surface if cement is not circulated.
8. If cement is not circulated to surface, run temp. survey 10-12 hr. after landing plug.

**Notes:**

\*Do not wash up on top of plug. Wash lines before displacing production cement job to minimize drillout.

**Surface:**

Preflush	20 bbl.	FreshWater	
Slurry 1	70 sx Class G Cement		78
TOC@Surface	+ 2% CaCl2 (accelerator)		
	0.25 #/sk Cellophane Flake (lost circulation additive)		0.3132
	0.1% D46 antifoam		100
Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)

ota

Drift  
(in.)

8.845

6.456

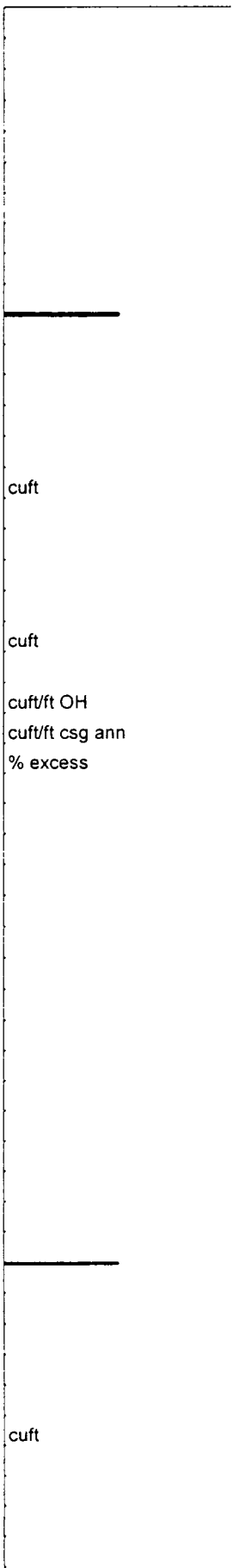
3.875

cuft

cuft/ft OH

% excess

Slurry 1	15.8	1.16	4.95
Casing Equipment:	9-5/8", 8R, ST&C 1 Guide Shoe 1 Top Wooden Plug 1 Autofill insert float valve Centralizers, 1 per joint except top joint 1 Stop Ring 1 Thread Lock Compound		
Intermediate:			
Fresh Water	20 bbl	fresh water	
Lead		240 sx Class "G" Cement	619
Slurry 1		+ 3% D79 extender	
TOC@Surface		+1/4 #/sk. Cellophane Flake + 0.1% D46 antifoam'	
Tail		60 sx 50/50 Class "G"/Poz	75
Slurry 2		+ 2% gel (extender) 0.1% D46 antifoam	
500 ft fill		+1/4 #/sk. Cellophane Flake + 2% S1 Calcium Chloride	0.1503 0.1746 80
Slurry Properties:	Density	Yield	Water
	(lb/gal)	(ft3/sk)	(gal/sk)
Slurry 1	11.7	2.61	17.77
Slurry 2	13.5	1.27	5.72
Casing Equipment:	7", 8R, ST&C  1 Float Shoe 1 Float Collar 1 Stop Ring Centralizers, one every other joint to base of Ojo 2 Turbolizers across Ojo Centalizers, one every 4th joint from Ojo to base of surface casing 1 Top Rubber Plug 1 Thread Lock Compound		
Production:			
Fresh Water	10 bbl	CW100	
Slurry		200 LiteCrete D961 / D124 / D154 + 0.03 gps D47 antifoam + 0.5% D112 fluid loss	495
TOC@Liner Top		+ 0.11% D65 TIC	



				0.1026
Slurry Properties:	Density	Yield	Water	40
	(lb/gal)	(ft <sup>3</sup> /sk)	(gal/sk)	0.1169
Slurry	9.5	2.52	6.38	
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)			
	1 Stop Ring			
	Centralizers, every 4th joint in mud drilled holes, none in air drilled holes			
	1 Top Rubber Plug			
	1 Thread Lock Compound			

