

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. NMSF080004	
2. Name of Operator BP AMERICA PRODUCTION CO		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. NMNM73108	
3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700		8. Well Name and No. FLORANCE GAS COM E 9B	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T30N R9W SWSE 830FSL 2080FEL		9. API Well No. 30-045-31947-00-X1	
		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 on 10/06/2003, and approved on 12/09/2003.

BP America submits for your approval amendements to our surface cementing program for the subject well. Please reference attached cementing report for detailed information.

However, should conditions change, BP request as an alternate to conventional drilling program to drill the subject well with air/air mist in lieu of drilling mud and preset the surface casing using approximately 90 CU/FT TYPE I-II, 20% FLYASH, 14.5 PPG, 7.41 GAL/SK, 1.61 CF/SK YIELD, 80 DEG BHST READY MIX CMT.

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #27996 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by ADRIENNE GARCIA on 02/19/2004 (04AXG0647SE)	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 02/17/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>AG</u>	Title	Date <u>2-17-04</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

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

Cementing Program

Well Name: Florance GC E 9B
 Location: 13-30N-09W, 830 FNL, 2080 FEL
 County: San Juan
 State: New Mexico

Field: Blanco Mesaverde
 API No.
 Well Flac
 Formation: MesaVerde
 KB Elev (est) 5795
 GL Elev. (est) 5781

Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)
Surface	200	12 1/4	8 5/8	ST&C	Surface	NA
Intermediate	2160	7 7/8	5 1/2	ST&C	Surface	NA
Production -	5133	4 3/4	2 7/8		2060	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.)	Drift (in.)
Surface	8 5/8	24	X42	2950	1370	244	0.06368	7.972
Intermediate	5 1/2	15.5	J55	4810	4040	202	0.0238	5.067
Production -	2 7/8	6.5	J-55	7264	7676	72	0.00579	2.375

Mud Program

Apx. Interval (ft.)	Mud Type	Mud Weight	Recommended Mud Properties Prio Cementing:
0 - SCP	Water/Spud	8.6-9.2	Fluid Loss <6
SCP - ICP	Water/LSND	8.6-9.2	
ICP - TD	Gas/Air Mist	NA	

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.

Surface:

Preflush	20 bbl.	Fresh Water	
Slurry 1	130 sx Class C Cement		
TOC@Surface	+ 2% CaC2 (accelerator)		
	0.25 #/sk Cellophane Flake (lost circulation additive)		
	0.1% D46 antifoam		
Slurry Properties:	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)
Slurry 1	15.2	1.27	5.8

165
 108 cuft
 0.4127
 0.3961 cuft/ft OH
 100 % excess

Intermediate:

Fresh Water	20 bbl	fresh water
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Cementing Program

Lead
Slurry 1
TOC@Surface

210 sx Class "G" Cement
+ 3% D79 extender
+ 1/4 #/sk. Cellophane Flake
+ 0.1% D46 antifoam

548
~~548~~ cuft

Tail
Slurry 2

70 sx 50/50 Class "G"/Poz
+ 2% gel (extender)
0.1% D46 antifoam
+ 1/4 #/sk. Cellophane Flake
+ 2% S1 Calcium Chloride

87 cuft

500 ft fill

0.1733 cuft/ft OH
0.2009 cuft/ft csg ann
80 % excess

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	11.7	2.61	17.77
Slurry 2	13.5	1.27	5.72

Production:

Fresh Water 10 bbl CW100

Slurry

140 LiteCrete D961 / D124 / D154
+ 0.03 gps D47 antifoam
+ 0.5% D112 fluid loss
+ 0.11% D65 TIC

353
~~349~~ cuft

TOC 200 ft in 5 1/2"

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry	9.5	2.52	6.38

0.078 cuft/ft OH
40 % excess
0.0886 cuft/ft csg ann

BLM CONDITIONS OF APPROVAL

Operator: BP America Production Company

Well Name: Florance Gas Com E 9B

Legal Location: 830' FSL, 2080' FEL; sec. 13, T30N, R9W

Lease No.: NMSF 080004

Please adhere to the previously issued stipulation:

This well is located within a “venerable area”. In order to protect the integrity of the alluvium aquifer, a MINIMUM surface casing setting depth of 200’ is stipulated as a condition of approval for this APD.