Form 3160-5 (August 1999) FORM APPROVED **UNITED STATES** OMB No. 1004-0135 DEPARTMENT OF THE INTER Expires November 30, 2000 **BUREAU OF LAND MANGEM** SUNDRY NOTICES AND REPORTS O SF - 078201 Do not use this form for proposals to drill or 6. / Inlindian, Allottee or tribe Name Ahandoned well. Use Form 3160-3 (APD) for such If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on reverse side OTO FARILL Type of Well Well Name and No. Oil Well Gas Well FLORANCE O 3S Name of Operator API Well No. **BP AMERICA PRODUCTION COMPANY** 30-045-33165 3a. Address 10. Field and Pool, or Exploratory Area 3b. Phone No. (include area code) PO BOX 3092 HOUSTON, TX 281-366-4081 **BASIN FRUITLAND COAL** 77253 County or Parish, State Location of Well (Footage, Sec., T., R., M., or Survey Description) 2330' FSL & 765' FEL; SEC 24 T30N R09W NESE Mer NMP SAN JUAN, NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Production (Start/Resume) Water shut-Off Acidize ■ Deepen Notice of Intent Well Integrity Reclamation Alter Casing Fracture Treat Other Chng Casing Casing Repair **New Construction** Recomplete Subsequent Report Water Disposal Change Plans Plug and Abandon Final Abandonment Notice 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 an APD on 6/09/05 and BLM approved 8/22/05.

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.

I hereby certify that the foregoing is true an dcorrec Name (Printed/typed) Cherry Hlava Title Regulatory Analyst Date 10/25/2005 THIS SPACE FOR FEDERAL OR STATE OFFICE USE ACCEPTED FOR RECORD Title NOV 0 2 2005 Conditions of approval, if any, are attached. Approval of this notice does not warrant or FARMINGIUM FIELD OFFICE Office 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.

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 witin its jurisdiction.

		F	3P AMF	RICA PROD	UCTION	I COM	1PA	NY	·····		
٠ ,				NG AND COM	IPLETION	PROG					
				10/27/200	5 (Revised	i)					
	Florance O			ame & No. Floran							
County:	San Juan, N	lew Mexico	Surface	Location: SE 1/4	, S 24, T30N	I, R9W : 23	330' F	SL, 765' FEL			
Minerals:				Surface: Lat: 36							
Rig:	Aztec 507			Location: SE 1/4							
OBJECTIVE:	Drill to TD,	set 4.5" casing, per	and frac the	e Fruitland Coal int	erval. (Revis	ed to show	v 4-1/2	2" casing)			
	M	ETHOD OF DRILLI	NG		APPROXIMATE I						
	OF TOOLS		EPTH OF D		Actual	GL: 62	71		stimated KB:		
	Rotary		0 - T		Marker			SUBSEA			
		LOG PROGRAM			Ojo Alamo			4,525'		1,757'	
Туре			pth Interval		Kirtland			4,346'		1,936'	
GR/CCL ar	nd RST	TD t	o Min Charg	<u>'</u>	Fruitland Fm			3,605'		2,677'	
				L.	Fruitland Coa		*#	3,515'		2,767'	
				-	Pictured Cliffs	5		3,294'		2,988'	
Cased H	fole										
Caseur				}			-				
<u> </u>											
REMARKS:											
Primary Log pre	esentation is	RST Coal interpreta	ation (5"=10	0') with coal							
shaded. Carbor	n-oxygen/Ine	lastic Capture pass	across Fruit	land interval							
		customer LAS file	to Jim Perk	ins in Houston -							
James.Perkins	@bp.com.										
				Ī							
1				[TOTAL D			3,194'		3,088'	
					# Probable o					ssible Pay	
SPECIAL TEST	rs				DRILL CUTTING SAMP						
TYPE							DEPTH FREQUE one to TD Geolog				
None				non	none no			Geolograp	h 0-TD		
REMARKS:											
MUD PROGRA	M										
Interval	TypeMuc	t #/gal		is, sec/qt	/30 min			Other	Specification		
320 (10)		8.8 - 9.0		ent to clean hole.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	in Other Specification			-		
3.088	Water/LSI				<9	Sweep hole while whilst water drilling, LCM onsite			ng, LCM onsite		
309	*		1		1 -					<u> </u>	
CASING PROC											
Casing PROG		Depth	Size	Casing Size	Grade, Thr	ead I wa	ight	Landing	Point	Cement	
Surface/Condu			8-3/4"	Casing Size	J-55,ST		o#	Landing	r Onit	cmt to surface	
Surface/Corlob		350, May	0-3/4	- 	J-JJ,310	- - '	-			onit to surface	
Production		3,088	6-1/4"	4-1/2"	J-55	10	.5#				
1		3094	<u> </u>	7 "-						cmt to surface	
CORING PRO	GRAM:			<u> </u>							
None											
COMPLETION	PROGRAM	:									
Rigless, Limited											
GENERAL RE											
Notify BLM/NM	IOCD 24 hou	rs prior to Spud, BC	OP testing, a	and Casing and Ce	menting.						
BOP Pressure	Testing Re	quirements					_				
Forma	Formation Depth Anticipated bottom				m hole pressure Max anticipated surface pressure**					ce pressure**	
Fruitla	Fruitland 2,767' 50						0				
	Pictured Cliffs 2,988' 20										
Pictured	Cliffs	2.900		_00			1				
Pictured	Cliffs	2,986					T				
			ation = 1500	nsi ** M	nte: Determin	ned using t	he fol	owing formul	a· ΔBHD (2	2*TVD) - 4SP	
Requi	ested BOP P	ressure Test Excep			ote: Determin	ned using t	the foll	owing formul	a: ABHP – (.2	2*TVD) = ASP	
Reque	ested BOP P	ressure Test Excep	ıg program ı	eviewed by:			the foll				
Requi	ested BOP P	ressure Test Excep		eviewed by:		ned using t DATE: 005 (Revis			a: ABHP - (.2	2*TVD) = ASP DATE:	

Cementing Program

Well Name:	Florance O #3S						
Location:	Sec 24 - 30N - 91	W: 2330 FSL, 7	'65 FEL				
County:	San Juan]			Well Flac		
State:	New Mexico	1			Formation:	Fruitland Coal	
State.	INEW MEXICO	1					
					KB Elev (est)	6282	
					GL Elev. (est)	6271	
Casing Program	·						
	Est. Depth	Hole Size	Coning Size	Thread	TOC		
Casing String			Casing Size	meau			
	(ft.) \@\@\		(in.)		(ft.)		
Surface	320	8 3/4	7	8rd	Surface		
Production -	3088	6 1/4	4 1/2	8rd	Surface		
Casing Propertie	s: ()	(No Safety Fa	ctor Included)				
Casing String	Size		Grade				
Casing Sung		_	Grade				
	(in.)	(lb/ft)					
Surface	7	20	J5	5			
Production -	4 1/2	10.5	J5	5			
	,_						
Mud December							
Mud Program				_			
Apx. Interval	Mud Type	Mud Weight		Recomme	ended Mud Proper	ties Prio Cementing:	
(ft.)				PV	<20		
• •				YP	<10		
0 - SCP	Water/Coud	9602		Fluid Loss			
	Water/Spud	8.6-9.2		FIGIO LOSS	s ~ 0		
SCP - TD	Water/LSND	8.6-9.2					
Cementing Progra	am:						
			Surface		Production		
T							
Excess %, Lead			100		40		
Excess %, Tail			NA		40		
BHST (est deg. F)		75		120		
Special Instructio			1,6		2,4,6		
Opcolar most dotto					2,4,0		
	1. Do not wash p		5.				
	2. Wash pumps	and lines.					
	Reverse out						
	4. Run Blend Te	st on Cement					
	5. Record Rate,		Deneity on 3.5	' diek			
			-				
	6. Confirm densi	itometer with bi	ressunzea mua	scales			
Surface:							
	Preflush		20 bbl.	FreshWa	ter		
	TOTAL		(,	710311114	101		~11/
		.065	t				299
	Slurry 1	10 78	sx Class C Ce	ment			96 cuft
	TOC@Surface		+ 2% CaCl2 (a	accelerator)			•
			270 00012 (0				0.1503 cuft/ft OH
							0.1503 CUIVIL OH
Slurry Properties:		Density 6	}	Yield		Water	
,		(lb/gal) W	B.	(ft3/sk)		(gal/sk)	
		(Ib/gai)	•		_		
	Slurry 1	_18.2		جبر ا	7	5.8	
				້ າ	7 .32		
Casing Equipmer	nt.	7", 8R, ST&C		,	1.50		
Casing Equipmen	и.						
		1 Guide Sho					
		1 Top Woode	en Plug				
		1 Autofill inse					
		Centralizers,	as needed				
		1 Stop Ring					
			k Compound				
			Jonnpound				

Cementing Program

Production:						· · · · · · · · · · · · · · · · · · ·	
	Fresh Water	10 bbl		CW100			
				23134	/		500 368 cuft
	Lead		139	sx Class "G" Cemen	N. C.		368 cuft
	Slurry 1			+ 3% D79 extender			
	TOC@Surface			+ 2% S1 Calcium CI	hloride		
				+1/4 #/sk. Cellophar + 0.1% D46 antifoan			50 12 cuft
	Tail		20	sx 50/50 Class "G"/F	Poz		12 cuft
	Slurry 2		10	+ 2% gel (extender)			
	500 ft fill		٧	0.1% D46 antifoam			0.1026 cuft/ft OH
				+1/4 #/sk. Cellophar	ne Flake		0.1169 cuft/ft csg ann
				+ 2% CaCl2 (accele	erator)		
Slurry Properties:		Density (lb/gal)		Yield (ft3/sk)		/ater gal/sk)	
Slurry 1		(lb/gal) 11.1		(ft3/sk) 2.\\	(9	17.74	
Slurry 2		13.5		1.27		5.72	
•		41/2", 8R, ST&C					
		1 Float Shoe (autofill	with min	imal LCM in mud)			
		1 Float Collar (autofil	l with mi	nimal LCM in mud)			
	Centralizers as needed						
1 Top Rubber Plug							
	1 Thread Lock Comp	ound					