Form 3160-5 (August 2007)

## **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

5. Lease Serial No. NMSF078095

abandoned well. Use form 3160-3 (APD) for such propos				6. If Indian, Allottee or Tribe Name				
SUBMIT IN 7	7. If Unit or CA/Agreement, Name and/or No.							
1. Type of Well		8. Well Name and No.						
Oil Well Gas Well	Other		-		CASE B 1			
Name of Operator     BP AMERICA PRODUCTION	CHERRY H .com	LAVA		9. API Well No. 30-045-11006-00-S1				
3a. Address       3b. Phon         200 ENERGY COURT       Ph: 281         FARMINGTON, NM 87401       FARMINGTON			o. (include area coc 66-4081	le)	10. Field and Pool, or Exploratory BLANCO MESAVERDE			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					11. County or Parish,	and State		
Sec 5 T31N R11W SESW 0990FSL 1650FWL 36.92268 N Lat, 108.01588 W Lon					SAN JUAN COL	JNTY, NM		
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE	E NATURE OF	NOTICE, RE	PORT, OR OTHER	DATA		
TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTIO							
- Notice of Intent	Acidize	□ Dee	epen	☐ Producti	on (Start/Resume)	☐ Water Shut-Off		
☐ Notice of Intent	Alter Casing	□ Fra	cture Treat	Reclama	tion	☐ Well Integrity		
Subsequent Report	☐ Casing Repair	☐ Nev	v Construction	☐ Recomp	lete	Other		
Final Abandonment Notice	Change Plans	Plu;	g and Abandon	Tempora	rily Abandon			
2	Convert to Injection		g Back	☐ Water D	Water Disposal			
Please see attached Brader	head & Casing repair subseq	quent repor	t.		KCND HUA	2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
					on con	enserved		
		3				<b>.</b>		
			,					
14. Thereby certify that the foregoing	is true and correct.  Electronic Submission #86  For BP AMERICA Plommitted to AFMSS for proces	RODUCTIO)	N ČO., sent to th	e Farmington	-			
Name (Printed/Typed) CHERRY HLAVA			Title REGULATORY ANALYST					
Signature (Electronic	: Submission)		Date 05/19/2	010				
	THIS SPACE FOR	FEDERA	L OR STATE	OFFICE US	E			
Approved By ACCEP	ED		STEPHEN MASON TitlePETROLEUM ENGINEER Date 05/19					
Conditions of approval, if any, are attact certify that the applicant holds legal or ewhich would entitle the applicant to con-	quitable title to those rights in the sul	t warrant or bject lease	Office Farmington					
Fitle 18 U.S.C. Section 1001 and Title 4: States any false, fictitious or fraudulen	3 U.S.C. Section 1212, make it a crim t statements or representations as to a	ne for any per any matter wit	son knowingly and thin its jurisdiction	willfully to make	to any department or ag	ency of the United		

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## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No 1004-0135 Expires July 31, 2010

Lease Senal No

NMSF 078095

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

Abandoned well	Use F	orm 3160-3 (APD) for	Su:					
instructions on reverse side					7 If Unit or CA/Agreement, Name and/or No			
1 Type of Well Gas Well Other					8 Well Name and No  Case B 1			
2 Name of Operator BP America Production Company Attn: Cherry Hlava				9 API Well No				
			30-045-11006  10 Field and Pool, or Exploratory Area					
3a Address P.O. Box 3092 Houston, TX 77253  3b Phone No (include area code) 281-366-4081				Blanco Mesaverde				
Location of Well (Footage, Sec., T., R., M., or Survey Description)  990' FSL 1650' FWL SESW Sec 05 T 31N & R 11W				11 County or Parish, State San Juan, New Mexico				
12 CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA								
TYPE OF SUBMISSION				7	YPE	OF A	ACTION	
_		Acidize		Deepen		Pro	roduction (Start/Resume)	
Notice of Intent		Alter Casing		Fracture Treat			eclamation	
		Casing Repair		New Construction		Red	ecomplete Other	
Subsequent Report		Change Plans		Plug and Abandon		w	Water Disposal	
Final Abandonment Notice		Convert to Injection		Plug Back				
NMOCD REF: RBDMS KGR0930655072 (Bradenhead)  4/16/10 RU AWS 840 Spot equipment 4/20/10 Pull Tbg 4/23/10 TiH, Set RBP @4665'. Load hole Pressure Tst Csg to 540 PSI, held 5 min , Good test Log 1000' – surface. 4/28/10 Coming up hole and pressure testing Csg Logging & Re-logging 4/28/10 No holes found in 4 1/2' Csg 4/30/10 TiH w/3" gun & perf 2702' – 2705' @ 6 JSPF Review log with NMOCD. (Aprv'i to perf +/-2215' – 2218'). Sqz/Pmp 3 sxs Cls G cmt @2717'; Yield 1 16 cuft/sk, Density 15 30 ppg 5/3/10 Pressure tst Csg to 600 psi, 5 min good tst TiH, tag cmt @2652' TiH w/3" gun & perf. 2215' – 2218' @ 6 SPF Talked w/C. Perrin. Ran Noise Log 2652' – surface. 5/4/10 Tst pmp & lines 1500 psi, held 3 min Good Test Mix & Sqz 4 sxs class G cement @2230'. Density 15 30 ppg, Yield 1 160 5/5/10 Tag cement @2139'. TiH w/2.5" gun & perf 4 ½" csg @1910'; 36 spf Pressure up on perfs to 500 psi, lost 120 psi in 30 min Per BP engineer – sqz off perfs TiH w/2 3/8" tbg to 1918'. Circ hole & spot 5 sxs cls G cmt. 5/6/10 Per engineer, NMOCD wants gas sample 5/7/10 TiH, tag CMT @1750'. OCD Approved > TiH w/2 5" gun & perf 4 ½" & 7" CSG @ 1100' @18 SPF Pres up to 1000 psi, lost 760 psi in 30 min 5/10/10 Csg on vacuum, Interm 85 psi, BH 0 psi Pmp 9 sxs class G CMT @15 3 pp/gal, Yield 1 2400cuft/sk. Can not hold pressure tests Estimated 1+ bbls Cmt in micro-annulus Released Schlumberger. Allow Interm CSG to vent 5/11/10 TSB CTG T								
Next Steps: Drill out cmt sqz at the following depths 1100'; 1910'; 2215'; 2717' Pressure test 4.5" to 500 psi, 30 min after each cmt interval is drilled out to confirm pressure integrity of the 4.5" Casing Record pressure test info								
5/11/10 Pressure Test annular to 250 psi low side & 1000 psi high side 5 min Good Test CSG 0 psi, Interm 2 psi, BH 0 psi Pmp & pressure test CSG to 500 psi, held 3 min Good Test 5/12/10 TiH, tag cmt @1092' Drilled out cmt to 1108'. Pressure test CSG to 500 psi; Held Pres 3 min. Good Test Tagged TOC @1822' Drilled CMT 1822' - 1889'. Circulated hole clean Shut DN for night 5/13/10 Attempt to pressure test CSG to 500 psi - pres fell quickly Pressured up several more times but fell off in 30 seconds Called Jesse Gracia (BP engineer) Will try to sqz cmt back into perfs TiH sqz perfs @1910' w/14 sxs cls G Cmt 15 3 ppg,Yld 1 24 cuft/sk Pres up to 550 psi on Csg fell to 530 psi in 1 min 526 psi in 10 min 470 psi in 30 min Closed csg valves & left pressure on csg 5/14/10 CSG 0' Inter 1 psi, BH 0 psi Blw DN to flw back tnk Test Csg to 600 psi, held 3 min Good Test TiH Tag TOC @ 1774'. Drill Out Cmt 1774' - 1888' (some hard some soft cement Good circulation Discussed with engineer, shut dn & give cmt weekend to set 5/17/10 TiH, tag TOC @1888' Drill hard then soft cement, again hard then soft cmt Pressure test Csg to 460 psi, pressure for 5 min, no leak-off Called NMOCD Csg Pres 0, Inter 20 psi 5/18/10 Run Noise log Logged 4 5" 1937' – surface Found spot at 180' that had noise which sounded like a slow wtr drip Delivered log to OCD Slowly pmp into intermediate csg, pmp'd less than 5 gal & Interm pres up to 500 spi Observed pressure drop to 300 psi in 30 seconds								
5/19/10 BP's engineer, Jesse Gracia called BLM (Steve Mason) & OCD for verbal approval to plug entire wellbore.  Drill out last 2 plugs @2215' & 2717'. Wait for procedure & approval to proceed with plugging job								

I hereby certify that the foregoing is true and correct Name (Printed/typed) Cherry Hlava Title Regulatory Analyst

Signature Cherry Hlava	Date 05/19/2010					
THIS SPACE FOR FEDER	THIS SPACE FOR FEDERAL OR STATE OFFICE US					
Approved by	Title	Date				
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					