(August 1999)	KUVU UENU				
UNITED STATES DEPARTMENT OF THE INTERIOR	FORM APPROVED OIL CONS. I OMB No. 1004-0135 Expires November 30, 2000 DIST. 3				
BUREAU OF LAND MANGEMENT	5. Lease Serial No.				
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an	SF – 078095				
Abandoned well. Use Form 3160-3 (APD) for such proposals:	6. If Indian, Allottee or tribe Name				
SUBMIT IN TRIPLICATE – Other instructions on reverse side	7. If Unit or CA/Agreement, Name and/or No.				
1. Type of Well	8. Well Name and No.				
Oil Well A Gas Well Other	Case A 3M				
2. Name of Operator	9. API Well No.				
BP America Production Company Attn: Kristina Hurts	30-045-33410				
3a. Address P.O. Box 3092 Houston, TX 77253  3b. Phone No. (include area code) 281-366-3866	10. Field and Pool, or Exploratory Area  Basin Dakota/Blanco Mesaverde				
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NESW 2130' FSL & 1940' FWL Sec. 5 T31N, R11W	11. County or Parish, State San Juan County, New Mexico				
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NO	FICE, REPORT, OR OTHER DATA				
TYPE OF SUBMISSION TYPE OF	ACTION				
Acidize Deepen Pro	oduction (Start/Resume) 🔲 Water shut-Off				
Notice of Intent	eclamation Well Integrity				
	scialitation — went integrity				
Casing Repair New Construction Re	ecomplete X Other Chng 7" Csg Depth				
Change Plans Plug and Abandon	Water Disposal				
Final Abandonment Notice					
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and mean Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM following completion of the involved operations. If the operation results in a multiple completion or results in a multiple completion or results in a multiple completed. Final Abandonment Notices shall be filed only after all requirements, in determined that the site is ready for final inspection.	asured and true vertical depths of all pertinent markers and zones. I/BIA. Required subsequent reports shall be filed within 30 days recompletion in a new interval, a Form 3160-4 shall be filed once				
BP America submitted Application for Permit to Drill the subject well on 10/20/05.	he APD was approved on 11/28/05.				
BP America respectfully requests permission to change the depth of the intermed 4832 TVD. The amended cement report is attatched.	iate string (7") casing from 3371' to 4910' MD &				
14. I hereby certify that the foregoing is true and correct  Name (Printed/typed)					
Kristina Hurts / Title Regulate	ory Analyst				
Signature Date 10/30/06					

Original Signed: Stephen Mason

any false, fictitious or fraudulent statements or representations as to any matter witin its jurisdiction.

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.



THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Title

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

DEC 0 4 2006

Date

Approved by

## **Cementing Program**

	Case A #3M										
ocation:	5-31N-11W:	2130' FSL, 1946	o' FWL								
County:	San Juan				Weli Flac		D: 14		1-10 - 1- D		
State:	New Mexico				Formation				rde/Basin Da	kota	
					KB Elev (est)		6281				
					GL Elev.	(est)	t	5267			
Casing Program	<del></del>			<del></del>							
Casing String	Est. Depth	Hole Size	Casing Size	Thread	TOC		Stage Too	I	Cmt Cir. Out		
	(ft.)	(in.)	(in.)		(ft.)		Or TOL (ft.	.)	(bbl.)		
Surface	200	13.5	9.625	ST&C	Surface		NA				
Intermediate	4910	8.75	7	LT&C	Surface		NA				
Production -	7658	6.25	4.5	ST&C	4810		NA				
Casing Propertie	es:	(No Safety F	actor Included)								
Casing String	Size	Weight	Grade	Burst	Collapse		Joint St.		Capacity	Drift	
	(in.)	(lb/ft)		(psi.)	(psi.)		(1000 lbs.)		(bbl/ft.)	(in.)	
Surface	9.6	25 32	H-40	2270		1400		254	0.078	7	8.845
ntermediate		7 20	K-55	3740		2270		234	0.040	5	6.456
Production -	4	.5 11.6	J-55	5350		4960		154	0.015	5	3.875
Mud Program							- 197				===
Apx. Interval	Mud Type	Mud Weight		Recomme	ended Muc	d Prope	rties Prio Co	emen	itina:		
(ft.)		maa rroigitt		PV	<20						
···/				YP	<10						
0 - SCP	Water/Spud	8.6-9.2		Fluid Los							
SCP - ICP	Water/LSND	8.6-9.2		Tidid Los.	. 10						
ICP - ICP2	Gas/Air Mist	0.0-9.2 NA									
ICP2 - TD	LSND	8.6 - 9.2	_								
Cementing Progra		0.0 - 9.2						_			
ocincinally riogic	2111.		Surface		Interme	ediate			Production		
Excess %, Lead			100		75				40		
Excess %, Tail			NA		0				40		
BHST (est deg. F	١		75		12				183		
Special Instruction	•		1,6,7		1,6				2,4,6		
opedar instruction		pumps and line	• •		1,0	,0			2,4,0		
	2. Wash pump		·S.								
	Reverse out										
		est on Cement	Damaitu an 2 E	dial.							
		e, Pressure, and	17						*		
	6. Confirm densitometer with pressurized mud scales										
	<ul><li>7. 1" cement to surface if cement is not circulated.</li><li>8. If cement is not circulated to surface, run temp. survey 10-12 hr. after landing plug.</li></ul>										
	8. If cement is	not circulated to	surface, run ter	mp. survey 1	0-12 nr. a	πer land	ing plug.				
							nent job to	minm	ize drillout.		
Notes:	*Do not wash u	on top of pluc	. Wash lines be	fore displaci	na produc	tion cer					
	*Do not wash t	up on top of plug	. Wash lines be	fore displaci	ng produc	tion cer	nera job to				
Notes:		up on top of plug		. <del></del>	<u>a</u> . "	tion cer	nem job to			· ·	
	Preflush		20 bbl.	FreshWa	<u>a</u> . "	tion cer	, and the second		10	5 cuft	<u> </u>
	Preflush Slurry 1	154	20 bbl. sx Class C Ce	FreshWa ment	<u>a</u> . "	tion cer	nera job to		19	5 cuft	
	Preflush	154	20 bbl.	FreshWa ment	<u>a</u> . "	tion cer	nent job to			95 cuft 97 cuft/f	t OH
Surface:	Preflush Slurry 1 TOC@Surface	154	20 bbl. sx Class C Ce	FreshWa ment accelerator)	<u>a</u> . "	ction cer					t OH
Surface:	Preflush Slurry 1 TOC@Surface	154 Density	20 bbl. sx Class C Ce	FreshWa ment accelerator) Yield	<u>a</u> . "	ction cer	Water	· · · · · · · · · · · · · · · · · · ·			t OH
Surface:	Preflush Slurry 1 TOC@Surface	154	20 bbl. sx Class C Ce	FreshWa ment accelerator)	<u>a</u> . "	tion cer					t OH
Surface:	Preflush Slurry 1 TOC@Surface	154 Density	20 bbl. l sx Class C Ce + 2% CaCl2 (ε	FreshWa ment accelerator) Yield	ter	tion cer	Water	5.8	0.488		t OH
Surface: Slurry Properties:	Preflush Slurry 1 TOC@Surface	Density (lb/gal)	20 bbl. sx Class C Ce + 2% CaCl2 (a	FreshWa ment accelerator) Yield (ft3/sk)	ter	tion cer	Water		0.488		t OH
Surface:	Preflush Slurry 1 TOC@Surface	Density (lb/gal) 15.2 9-5/8", 8R, S	20 bbl. sx Class C Ce + 2% CaCl2 (a	FreshWa ment accelerator) Yield (ft3/sk)	ter	tion cer	Water		0.488		t OH
Surface: Slurry Properties:	Preflush Slurry 1 TOC@Surface	Density (lb/gal) 15.2 9-5/8", 8R, S 1 Guide Sho	20 bbl.  s x Class C Ce + 2% CaCl2 (a	FreshWa ment accelerator) Yield (ft3/sk)	ter	tion cer	Water		0.488		t OH
Surface: Slurry Properties:	Preflush Slurry 1 TOC@Surface	Density (lb/gal) 15.2 9-5/8", 8R, S 1 Guide Sho 1 Top Wood	20 bbl.  S sx Class C Ce + 2% CaCl2 (a	FreshWa ment accelerator) Yield (ft3/sk)	ter	tion cer	Water		0.488		t OH
Surface: Slurry Properties:	Preflush Slurry 1 TOC@Surface	Density (lb/gal) 15.2 9-5/8", 8R, S 1 Guide Sho 1 Top Wood	20 bbl.  s x Class C Ce + 2% CaCl2 (a	FreshWa ment accelerator) Yield (ft3/sk)	ter	tion cer	Water		0.488		t OH
Surface: Slurry Properties:	Preflush Slurry 1 TOC@Surface	Density (lb/gal) 15.2 9-5/8", 8R, S 1 Guide Sho 1 Top Wood 1 Autofill inse	20 bbl.  S sx Class C Ce + 2% CaCl2 (a	FreshWarment accelerator)  Yield (ft3/sk) 1.27	ter	tion cer	Water		0.488		t OH
Surface: Slurry Properties:	Preflush Slurry 1 TOC@Surface	Density (lb/gal) 15.2 9-5/8", 8R, S 1 Guide Sho 1 Top Wood 1 Autofill inse	20 bbl.  S xx Class C Ce + 2% CaCl2 (a	FreshWarment accelerator)  Yield (ft3/sk) 1.27	ter	tion cer	Water		0.488		t OH

## **Cementing Program**

Intermediate:						
	Fresh Water	20	bbl	fresh water		
	Lead		434	sx Class "G" Cemer	าโ	1142 cuft
	Slurry 1			+ 3% D79 extender		
	TOC@Surface			+1/4 #/sk. Cellophar	ne Flake	
				+ 5 lb/sk Gilsonite		
	Tail		59	sx 50/50 Class "G"/	Poz	75 cuft
Slurry 2 500				+ 2% gel (extender)		
		) ft fill		+1/4 #/sk. Cellophar	ne Flake	0.1503 cuft/ft OH
				+ 2% CaCl2 (accele	erator)	0.1746 cuft/ft csg and
				+ 5 lb/sk Gilsonite		
Slurry Properties:		Density		Yield	Water	
		(lb/gal)		(ft3/sk)	(gal/sk)	
Slurry 1		11.4		2.63	15.8	
Slurry 2		13.5		1.27	5.72	
Casing Equipment	t:	7", 8R, ST&C				
. ,		1 Float Shoe (au	tofill with mini	mal LCM in mud)		
			1	imal LCM in mud)		
		1 Stop Ring		,		
			in middle of f	irst joint, then every t	third collar	
		1 Top Rubber Pl		,		
		1 Thread Lock C	-			
Production:			1			
	Fresh Water	10	bbl	CW100		
	Lead		92	LiteCrete D961 / D1	24 / D154	231 cuft
	Slurry 1			+ 0.03 gps D47 anti-	foam	
	TOC, 400' above	e 7" shoe		+ 0.5% D112 fluid lo	oss	
				+ 0.11% D65 TIC		
	Tail		159	sx 50/50 Class "G"/	Poz	229 cuft
	Slurry 2		100	+ 5% D20 gel (exter		EES SOIL
	-	3 ft fill		= "		
	139.	) II IIII		+ 0.1% D46 antifoar		
				+ 1/4 #/sk. Cellopha		
			+ 0.25% D167 Fluid	Loss		
				+ 5 lb/sk Gilsonite		
				+0.1% d800, retarde	er	
				+0.15% D65, disper	rsant	
						0.1026 cuft/ft OH
Slurry Properties:		Density		Yield	Water	
, .,		(lb/gai)		(ft3/sk)	(gal/sk)	0.1169 cuft/ft csg an
Slurry 1		9.5		2.52	(gal/sk) 6.38	U. 1103 COIDE COY all
						T
Slurry 2		13		1.44	6.5	Top of Mancos
Casing Equipment:						5565
		4-1/2*, 8R, ST&0				
		1 Float Shoe (autofill with minimal LCM in mud)				•
		1 Float Collar (autofill with minimal LCM in mud)				
		1 Stop Ring				
			erv 4th joint in	mud drilled holes, no	one in air drilled holes.	
		1 Top Rubber Pl		5 553 110100, 110		
		i i op Rubbei Pl	uy			

1 Thread Lock Compound