	UNITE	FORM APPROVED OMB No. 1004-0135									
	ARTMENT .EAU OF L	Expires November 30, 2000 5. Lease Serial No.									
SUNDRY N	OTICES A	5. Lease Serial No. SF - 078319-A		.±.							
Do not use this Abandoned well.		If Indian, Allottee or tribe Name									
SUBMIT IN TRIPLIC	CATE -	Other instr	uctio	ons on reverse	side	7. If Unit or CA/Agree	ement,	Name and/or No.			
Type of Well				A OHL SON	M, 3	Well Name and N					
	Gas Well	Other		ON COMMENT		Riddle C LS 5					
2. Name of Operator				S. ISOS	51, 81, U	9. API Well No.					
BP AMERICA PRODUCT	ION CO			lude area code)		30-045-33336					
3a. Address PO BOX 3092 HOUSTON 77253	, TX	10. Field and Pool, or Exploratory Area Basin Fruitland Coal									
4. Location of Well (Footage, Se 2110' FSL & 925' FWL; S					•	11. County or Parish, SAN JUAN, NM	State				
12. CHEC	CK APPRO	PRIATE BOX(E	S) TO	INDICATE NATU	RE OR N	OTICE, REPORT, OR OTH	ER D	ATA			
TYPE OF SUBMISSION					TYPE O	F ACTION	ACTION				
	Acid	i7e	П	Deepen		Production (Start/Resume)	<u>~</u>				
Notice of Intent	m	Casing		Fracture Treat		Reclamation		Well Integrity			
,		Cusing		Tracture Treat		·		Other Change to Casing			
Subsequent Report	Casi	ng Repair New Construction			Recomplete & Cement						
Final Abandonment Notice	1			Plug and Abandon		Water Disposal	Vater Disposal				
Final Adandonment Notice				Plug Back							
13. Describe Proposed or Completed If the proposal is to deepen direc Attach the Bond under which the following completion of the invo testing has been completed. Fir determined that the site is ready Verbal approval was gra setting the surface pip	tionally or not work will lived operational Abandon for final in nted by	ecomplete horizon be performed or jons. If the operat- ment Notices shat spection. the BLM of	ntally, provid tion re Il be f	give subsurface locate the Bond No. on fisults in a multiple colled only after all record or il 24, 2006 to	tions and notice with BL impletion of quirements,	neasured and true vertical dep _M/BIA. Required subseque or recompletion in a new inter including reclamation, have	oths of nt repo val, a l been o	all pertinent markers and zones. rts shall be filed within 30 days Form 3160-4 shall be filed once completed, and the operator has 7" x 4 ½" and			
Please see attached the re	vised dr	illing plan (For	m-46) and rev	ised ce	ment program.	•	2006 APR			
Should you have any qu	estions p	lease call H	lara	ld Jordan @ 3	326-920	2					
14. I hereby certify that the foregoin Name (Printed/typed)	ng is true ar	dcorrect					 	28			
Cherry Hlava				Title	Regula	tory Analyst					
Signature New 24			04/25/0								
		THIS SPAC	CE F	OR FEDERAL O	R STATI	E OFFICE USE	3	ည် သွ			
	1 ,	0			<u>()</u>		ا سد	1 1			
Approved by	<u>_lov</u>	do		Title	151	C. Eng Date	3	1106			
Conditions of approval, if any, are attach Certify that the applicant holds lega subject lease which would entitle the	l or equitab	le title to those r	ights i	n the Office	: 	7	·	,			
Title 18 U.S.C. Section 1001 and Title any false, fictitious or fraudulent statem						and willfully to make to any c	lepartm	ent or agency of the United States			

NMOCD B

				· · · · · · · · · · · · · · · · · · ·	<u></u>						
· · · ·				RICA PRO							
			DRILL	NG AND COM		PROG	RAM				
		_			2006		_	E) ! F . /4 -	- 4 0-	
	Riddle CL	ame & No. Riddle		DOM - 24	140' 5		Basin Fruitla	ana Co	oai		
	San Juan,	New Mexico	Surrace	Location: SW 1/				3L, 923 FV	<u>/L</u>		
	Minerals: Surface: Lat: 36.8658 Long:-107.8006 Rig: Coil Tubing BH Location: SW 1/4, S 30, T31N, R9W: 2110' FSL, 925' FWL										
OBJECTIVE:				the Fruitland Coa		K944 . Z	110 1	3L, 923 TV	<u> </u>		
OBJECTIVE.	Dilli to 1D	, set 4.5 Casii	ig, peri aliu ilau	tile Fruitiana Coa	i interval.						
		IETHOD OF DE	BILING		ΔΡ	PROXIM	ATE I	DEPTHS OF	GEOLOGIC	CAL M	ARKER
TYPE	OF TOOLS		DEPTH OF I	ORILLING	Actual GI				Estimated K		
	Rotary		0 - T		Marker			SUBSEA		VD	APPROX. MD
		LOG PROGI	RAM		Ojo Alamo			4,603'	2,	046'	2,046'
Туре			Depth Interva	1	Kirtland			4,496'	2,	153'	2,153'
GR/CCL an	d RST		TD to Min Char	ge	Fruitland Fm			3,808'	2,	841'	2,841'
				I	Fruitland Coal		*#	3,496'	3,	153'	3,153'
				[1	Pictured Cliffs		*	3,215'	3,	434'	3,434'
Cased H	ole										
ļ											_
DEMARKS											
REMARKS:	econtation	ic DST Cool	tornretation (F	'=100') with coal		}					
shaded. Carbo											
interval only. T		-									
Houston - perk	-										
				<u></u>							
									·		1
				ŀ							
				j	TOTAL DEPTH:			3,065'		,584'	3,584'
					# Probable completion interval					* Possible Pay	
SPECIAL TEST	s				DRILL CUTTING SAMPLES DRILLING TIME						
TYPE					FREQUENCY DEPTH FREQUENCY DEPTH					DEPTH	
None					none		no	ne to TD	Geolog	raph	0 - TD
REMARKS:											
									· · · · · · · · · · · · · · · · · · ·		
MUD PROGRA			 		· · · · · · · · · · · · · · · · · · ·						
Interval	TypeMu			/is, sec/qt	/30 min			Othe	r Specifica	tion	
200'	Spud			ent to clean hole.	e.						
3,584'	Water/LS	SND 8.4 -	9.0		→ <9		Swee	p note white	e water drill	ing, L	CM onsite
	L	L									
CASING PROG		<u> </u>		·	Grade, Threa						
	CasingString Depth			Size Casing Size			Ž.,	t Landing Point		Cement	
Surface/Condu	ictor	200'	8-3/4"	7"	J-55, STC	20)#				mt to surface
Production		2 504	6 4 14 11	4 4 4 4 10	1 55 070						mt to curdoos
Production		3,584'	6-1/4"	4-1/2"	J-55, STC	10.	5#				mt to surface
CORING PROC	RAM.	l	<u> </u>								
None	w witt.										
COMPLETION	PROGRAM	 :	-						-		
Rigless, Limite					····						
GENERAL REI				·		~			· · · · · · · · · · · · · · · · · · ·		
Notify BLM/NM	OCD 24 ho	ours prior to S	oud, BOP testin	g, and Casing and	d Cementing.						
BOP Pressure	Testing Re	quirements		**************************************						· · · · · · · · · · · · · · · · · · ·	
Format		Depth		Inticipated bottom	hole pressur	e		Max ar	ticipated s	urface	pressure**
						Max anticipated surface pressure**					
Pictured Cliffs 3,434' 1041 285											
							<u> </u>				20+TVD\ 455
			exception = 750		ote: Determin	ed using	the f	ollowing fo	rmula: ABI	1P – (.	22*TVD) = ASP
Form 46 Reviewed by: Logging program reviewed by: PREPARED BY: APPROVED: DATE: APPROVED: DATE:							DATE				
				DATE: 6-Feb-06			APP	MOVED:	\dashv	DAIE.	
	IBGA/TT/MC	.j l	Alactro	nic	I G.E.	eh-Af		l			
Form 46 7-84by	BGA/TT/HG	-	electror For Drilling		6-F	eb-06		For Produc	tion Dept	\dashv	

Cementing Program

			· · · · · · · · · · · · · · · · · · ·				
Well Name:	Riddle C LS 5						
Location:		31N, R9W : 21	10' FSL, 925' FV	N L			
County:	San Juan	7			Well Flac		
State:	New Mexico	7			Formation:	Fruitland Coal	
		-			KB Elev (est)	6649	
					GL Elev. (est)	6638	
Casing Progran	n:				· · · · · · · · · · · · · · · · · · ·		
Casing String	Est. Depth	Hole Size	Casing Size	Thread	TOC		
	(ft.)	(in.)	(in.)		(ft.)		
Surface	200	8.75	7	8rd	Surface		
Production -	3584	6.25	4 1/2	8rd	Surface		
Casing Propert	ies:	(No Safety F	actor Included)				
Casing String	Size	Weight	Grade				
	(in.)	(lb/ft)					
Surface	7	20) H-4	0			
Production -	4 1/	2 10.5	5 J-5	5			
Mud Program							
Apx. Interval	Mud Type	Mud Weight		Recomm	ended Mud Prope	rties Prio Cementing:	
(ft.)	, , , , ,			PV	<20		
` '				YP	<10		
0 - SCP	Water/Spud	8.6-9.2	2	Fluid Los	s <6		
SCP - TD	Water/LSND	8.6-9.2	?				
Cementing Prog	ıram:						
			Surface		Production		
Excess %, Lead	i		100		40		
Excess %, Tail			NA		40		
BHST (est deg.	F)		75		120		
Special Instructi	ions		1,6		2,4,6		
	1. Do not wash	pumps and line	es.				
	2. Wash pumps	and lines.					
	3. Reverse out						
	4. Run Blend Te	est on Cement					
	Record Rate,	Pressure, and	Density on 3.5"	disk			
	Confirm dens	itometer with p	ressurized mud	scales			
Surface:							
	Preflush		20 bbl.	FreshWa	ater		
	Slurry 1	47	7 sx Class C Cei	ment			60 cuft
	TOC@Surface		+ 2% CaCl2 (a	ccelerator)			
							0.1503 cuft/ft OH
Slurry Propertie	S:	Density		Yield		Water	
		(lb/gal)		(ft3/sk)		(gal/sk)	
	Slurry 1	15.2	2	1.3	27	5.8	
Casing Equipment:		7", 8R, ST&(0				
		1 Guide Sho	e				
		1 Top Wood					
			ert float valve				
		Centralizers					
		1 Stop Ring	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
			ck Compound				
		1 Thread Lo	ck Compound				•

Cementing Program

Production:					<u> </u>	
	Fresh Water	10 bbl	(CW100		
	Lead		168	sx Class "G" Cem	ent	438 cuft
	Slurry 1			+ 3% D79 extende	er	
	TOC@Surface			+ 2% S1 Calcium	Chloride	
				+1/4 #/sk. Celloph	ane Flake	
				+ 0.1% D46 antifo	am'	
	Tail		57	sx 50/50 Class "G	"/Poz	72 cuft
	Slurry 2			+ 2% gel (extende	r)	
	50	00 ft fill		0.1% D46 antifoar	n	0.1026 cuft/ft OH
				+1/4 #/sk. Celloph	ane Flake	0.1169 cuft/ft csg ann
				+ 2% CaCl2 (acce		
Slurry Propertie	es:	Density		Yield	Water	
		(lb/gal)		(ft3/sk)	(gal/sk)	
Slurry 1		11.4		2.61	17.77	
Slurry 2		13.5		1.27	5.72	
Casing Equipment: 4 1/2", 8R, ST&C						
		1 Float Shoe (autofil	l with minin	nal LCM in mud)		
		1 Float Collar (autofi	ill with minir	nal LCM in mud)		
		Centralizers as need				
		1 Top Rubber Plug				
		1 Thread Lock Comp	pound			