Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BURGALLOF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

Size Flwg. Press. 65.0 Rate BBL 2 1900 2 PGW 28a. Production - Interval B Date First Produced Date Frest Produced Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status Production - Interval B Water Gas:Oil Well Status	(Tugust 1999)	,		BUREAU		AND M					,			Expires:	Novem	ber 30, 2000
Depth Depth Depth Depth Depth Plug Back Diff. Resv.		WELL (COMPL	ETION C	R RE	COMP	LETIC	ON REP	ORT	AND LO	G	•				
Sum of Cheeside Sum of Che	la. Type o	of Well	Oil Well	Gas \	Well	☐ Dry	ПО	ther					6. If l	ndian, Allo	ttee or	Tribe Name
Name of Cherator Production Commerce Cherary HLAVA Cherator Cheraty HLAVA Cherator Cher	b. Type o		⊠ N	lew Well	□ Woi				Plug	g Back [Diff. F	Resvr.				ent Name and No.
BP AMERICA PRODUCTION CO	2 Name o	f Operator				Co	atact: C	HEBBY H	ΙΔ\/Δ							II No
FARMINGTON, NM 87402	BP AN	MERICA PRO		N CO		Col	E-	Mail: hlav	acl@t	op.com		200	V	AN HOOK	LS 1N	
At total depth NVSE 1869FSL 2135FEL At total depth NVSE 1869FSL 2135FEL State State		FARMING	STON, NI					Ph: 2	81.36	9 /4 0/87	- A	- VON	\		30-04	
At total depth NVSE 1869FSL 2135FEL At total depth NVSE 1869FSL 2135FSL At total depth NVSE 1869FSL At	/	Sec 27	7 T32N R	11W Mer N	MP	ordance	with Fed	eral requir	ements	to de	11 20	02	€ BI	LANCO M	V / BA	SÎN DAKOTA
At total depth Sec 27 132N R11/M Mer NMP May Sec 14 15 L.	/				•				1	≥ Ok S	Solve)~a	-III S	ec., T., R.,	M., or	Block and Survey
14. Date Spunded	-	Sec	: 27 T32N	NR11W Me	r NMP				(1)	O		The state of	12. C	ounty or Pa		13. State
18. Total Depth: MID	14. Date S	pudded	SE 1869			Reached		[16	Date				¥.		DF, KE	
18. Total Depth: MID					/21/200				D & 05/2	A	ady to F	rod.		636	0 GL	
Size Depth Size Grade Wt. (#/ft.) Top Bottom Control Contr	18. Total	Depth:		7892		19. Plu	g Back T	[. D .:	MD	7755	-	20. Dep	th Brid		-	ΓVD
Hole Size Size/Grade Wt. (#/R.) Top				nical Logs R	un (Sub	mit copy	of each)			2	2. Was Was	well cored DST run?	? [No No	Yes Yes	(Submit analysis) (Submit analysis)
Hole Size Size/Grade Wt. (#/R.) Top	32 Casina	and Linas Daa	and /Dame	out all atrico							Direc	tional Sur	vey?	No	Yes	(Submit analysis)
Hole Size Size Grade Wt. (#/ft.) (MD) (MD) Depth Type of Cement (BBL) Cement Top* Amount Pulled	23. Casing a	I I I I I I I I I I I I I I I I I I I	ora (Kepa	ori aii sirings			lottom	Store Ce	montor	No of S						
8.750	Hole Size			Wt. (#/ft.)	(#/ff) ·									Cement Top*		Amount Pulled
6.250														0		
24. Tubing Record														<u> </u>		
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	6.25	0 4.:	4.500 J-55				1 2744 777				34	341		4050		
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)								+				 				
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	24 Tubin	g Pecord														
2.375 7711 25. Producing Intervals 26. Perforation Record Formation Top Bottom Perforated Interval Size No. Holes Perf. Status			AD) P	acker Denth	(MD)	Size	Dent	h Set (MD) E	Packer Denth	(MD)	Size	Det	oth Set (MI	2) T	Packer Denth (MD)
Formation Top Bottom Perforated Interval Size No. Holes Perf. Status		. `			()		1 3.7	500 (2	' 	uenter Bepti	(112)	J.EC	50	Juli Set (IVII	7	t deker Depair (NID)
A) MESAVERDE	25. Produc	ing Intervals					26	. Perforatio	n Reco	ord						
B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 4643 TO 5527 FRAC W/84,713# CARBALITE SND. & 74,609# OF CARBALITE SND. 28. Production - Interval A Date First Produced Date Tested Date Tested Production 05/25/2004 05/19/2004 12 Choke Tbg Press. Cgg Press. Press. Rate BBL MCF BBL Ratio 24 Hr. Oil Gas Water Gas Oil Gravity Gravity FLOWS FROM WELL Choke Tbg Press. Cgg 24 Hr. Rate BBL MCF BBL Ratio 28. Production - Interval A Date First Tested Date Press. Cgg 24 Hr. Oil Gas BBL MCF BBL Ratio Date First Press. Cgg 1900 2 PGW 28a. Production - Interval B Date First Test Hours Production BBL Gas Water BBL Ratio PGW 28b. Production - Interval B Date First Test Hours Production BBL Gas Water BBL Gravity Gas Gravity Production Method Production BBL Gas Water BBL Gravity PGW 28a. Production - Interval B Date First Date Test Hours Production BBL Gas Water BBL Gravity Gravity Production Method Production BBL Gas Water BBL Gas Gravity Production Method Production BBL Gas Gravity Production Method Production BBL Gas Water BBL Gas Oil Gravity Gas Gravity Production Method Production Method Production BBL Gas Water BBL Gas Oil Gravity Gas Gravity Production Method Production BBL Gas Water BBL Gas Oil Gravity Production Method Production Production Production BBL Gas Water BBL Gas Oil Well Status Production Productio								Perf						o. Holes		Perf. Status
C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 4643 TO 5527 FRAC W/84,713# CARBALITE SND. & 74,609# OF CARBALITE SND. 28. Production - Interval A Date First Produced Date Tested Production D5/25/2004					4643	5:	5527		4643 TO 5		5527	527 3.1				
D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 4643 TO 5527 FRAC W/84,713# CARBALITE SND. & 74,609# OF CARBALITE SND. 28. Production - Interval A Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gas Gravity FLOWS FROM WELL Choke Tbg Press. Csg Press Rate BBL MCF BBL MCF BBL Oil Gravity Gas Water Gas: Oil Size Flwg Production Interval B Date First Date First Produced Date Tested Production BBL MCF BBL Gravity Gas: Oil Gravity					-											
Depth Interval Amount and Type of Material 4643 TO 5527 FRAC W/84,713# CARBALITE SND. & 74,609# OF CARBALITE SND. 28. Production - Interval A Date First Produced Date Press. Csg. Press. Rate BBL MCF BBL Ratio 3/4 SI 65.0 Size Production - Interval B Date First Produced Date Press. Csg. 24 Hr. Oil Gas Water BBL MCF BBL Ratio Date First Production - Interval BBL MCF BBL Gravity Gas: Oil Gravity Gravity FLOWS FROM WELL Amount and Type of Material Amount and Type of Material Amount and Type of Material Advisor Gas Oil Gravity Gas Gravity Froduction Method FLOWS FROM WELL ACCEPTED FOR RECORD Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Gravity Gas Gravity Production Method ACCEPTED FOR RECORD Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Gravity Gas Gravity Production Method ACCEPTED FOR RECORD							+									
A643 TO 5527 FRAC W/84,713# CARBALITE SND. & 74,609# OF CARBALITE SND.	27. Acid, I	Fracture, Treat	tment, Cer	ment Squeeze	e, Etc.					···-						
28. Production - Interval A Date First Test Date Date Trest Date Date Tested Production BBL MCF BBL Corr. API Gravity FLOWS FROM WELL Choke Tbg. Press. Csg. Press. Press. BBL MCF BBL Ratio PGW 28a. Production - Interval B Date First Test Doil Gas Water Gas:Oil PGW 28a. Production - Interval B Date First Test Doil Gas Water BBL Ratio PGW Corr. API Gravity FLOWS FROM WELL Choke Tbg. Press. Csg. Press. BBL MCF BBL Ratio PGW 28a. Production - Interval B Date First Test Doil Gas Water Gas:Oil Gravity Gas Gravity Production Maiked ACCEPTED FOR RECORD											<u> </u>	1aterial				
Date First Produced Date D		46	543 TO 5	527 FRAC V	V/84,713	# CARBA	LITE SN	D. & 74,609	9# OF (CARBALITE	SND.					
Date First Produced Date D											-			***************************************		7491
Date First Produced Date D															-	
Produced 05/25/2004 Date 05/19/2004 12	28. Produc	tion - Interval	Α	· · · · · · · · · · · · · · · · · · ·												
O5/25/2004 O5/19/2004 12													Production	n Method		
Size Flog. Press. Rate BBL 2 MCF 1900 BL 2 PGW 28a. Production - Interval B Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity	05/25/2004	05/19/2004			1.0		1							FLOWS FROM WELL		
3/4 SI 65.0 2 1900 2 PGW 28a. Production - Interval B Date First Produced Date Frest Conduction Date Production BBL MCF BBL Corr. API Gas Gravity Production ACCEPTED FOR RECORD Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status Size Flow Press Rate BBL MCF BBL Pario	Choke Size										Well S	Well Status				····
Date First Produced Test Date Test Production Date Date Test Production Date Test Production Date Test Production Date Date Date Date Date Date Date Dat	3/4	SI	65.0		l						F	PGW				
Produced Date Tested Production BBL MCF BBL Corr. API Gravity ACCEPTED FOR RECORD Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status Size Flwg Press Rate BBL MCF BBL Paris												·				
Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status Size Flow Press Rate BBI MCF BBI Paris	Date First Produced												Production		PTEC	FOR RECORD
	Choke Size	Flwg.								Dil	Well S	tatus		1		

NWOCD

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #31913 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
*** BLM REVISED ***

28b. Prod	luction - Interv	al C				145						
Date First Test Hours Produced Date Tested			Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method		
		Tested	Production	BBL	MCF	BBL	Corr. API	Grav	чту			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well	Status	J	_	
28c. Prod	uction - Interva	al D		<u> </u>	<u> </u>	ــــــــــــــــــــــــــــــــــــــ		L				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav	rity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status	1		
	osition of Gas(S	old, used j	for fuel, ven	ted, etc.)	1	<u> </u>						
SOLI	nary of Porous	Zonos (Inc	ludo Aquifa	ma):					I 31 For	rmation (Log) Markers		
Show tests,	all important a including dept ecoveries.	zones of po	rosity and c	ontents there	eof: Cored i le tool open,	ntervals and , flowing an	l all drill-stem d shut-in press	ures	31.10	mation (Log) Walkers		
	Formation		Тор	Bottom		Description	ons, Contents,	etc.		Name	Top Meas. Depth	
OJO ALA SAN JOS NACIMIE KIRTLAN	SE NTO ID		0 100 1280	100 1280					KIF FR PIC LE CL ME	OJO ALAMO KIRTLAND FRUITLAND COAL PICTURED CLIFFS LEWIS SHALE CLIFF HOUSE MENEFEE POINT LOOKOUT MANCOS		
	tional remarks	•		ŕ		_						
	ication for per				15/2003 an	id approved	d 11/13/2003	•				
	se see the at		mpletion re	port.								
1. E 5. S	e enclosed atta lectrical/Mecha undry Notice fo	anical Logs or plugging	and cemen	t verification	1	Geologi Core Ar	nalysis	7	3. DST Re 7 Other:		tional Survey	
		Co	Elect	tronic Subn For BP A	nission #319 MERICA	913 Verifie PRODUCT	d by the BLM ION CO, ser ENNE BRUM	Well Infor it to the Far LEY on 07/	mation Sy mington 13/2004 (04AXB2743SE)	ctions):	
Nam	e(please print)	CHERRY	HLAVA				Titl	e <u>AUTHOR</u>	IZED RE	PRESENTATIVE		
Sign	ature	(Electron	ic Submiss	sion)			Dat	e <u>06/14/200</u>)4			
	H.C. Castian											

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 fradulent statements or representations as to any matter within its jurisdiction.