Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED OMB NO. 1004-0135

Expires: July 31, 2010 5. Lease Serial No.

NOV 05 2014 **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an

6 If Indian Allottee or Tribe Name

NMNM012202

apandoned we	II. Use form 3160-3 (APD) for	such proposals	TF/eld Office						
SUBMIT IN TRI	PLICATE - Other instructions	on reverse side.	医导通性的 Of CA/Ag	greement, Name and/or No.					
1. Type of Well	8. Well Name and N BOLACK B LS	8. Well Name and No.							
Oil Well Gas Well Oth 2. Name of Operator	9. API Well No.								
BP AMERICA PRODUCTION		30-045-06946-00-C1							
3a. Address 501 WESTLAKE PARK BLVD HOUSTON, TX 77079	3b. I Ph:	Phone No. (include area code) 281-366-7148		10. Field and Pool, or Exploratory MultipleSee Attached					
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)		11. County or Paris	h, and State					
Sec 33 T28N R8W SESW 079 36.613190 N Lat, 107.687119	SAN JUAN C	SAN JUAN COUNTY, NM							
12. CHECK APPI	ROPRIATE BOX(ES) TO IND	ICATE NATURE OF N	OTICE, REPORT, OR OTH	ER DATA					
TYPE OF SUBMISSION		ACTION							
Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off					
_	☐ Alter Casing	☐ Fracture Treat	□ Reclamation	□ Well Integrity					
☐ Subsequent Report	□ Casing Repair	■ New Construction	☐ Recomplete	□ Other					
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon						
B6	☐ Convert to Injection	☑ Plug Back	■ Water Disposal						
determined that the site is ready for fi BP America Production Comp well. Please see attached ame	any respectfully requests to iso ended procedure with wellbore it Rule 19.15.17.9 NMAC, BP A	late the Pictured Cliffs in schematics. America Production Com	on the subject	DEC 0 4 2014					
	Notify NMOCD 24 hrs prior to beginning operations	ACTION OPERATO AUTHOR	ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS						
14. I hereby certify that the foregoing is	Electronic Submission #276119	DUCTION CO., sent to the	Farmington						
Name(Printed/Typed) TOYA CO	•	· ·	, ,						
Signature (Electronic S		Date 11/05/20	*						
	THIS SPACE FOR FE	DERAL OR STATE	OFFICE USE						
_Approved_By_TROY_SALYERS		TitlePETROLE	UM ENGINEER	Date 12/02/2014					
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conductive the conductive transfer of the conductive t	nitable title to those rights in the subjec	rrant or	Office Farmington						
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s			willfully to make to any department	or agency of the United					

Additional data for EC transaction #276119 that would not fit on the form

10. Field and Pool, continued

OTERO CHACRA



Bolack B LS 3

30-045-06946

Unit letter N Sec 33, Town 28N, Range 8W San Juan, NM Pictured Cliffs, Chacra & Mesa Verde Formations

The purpose of this procedure is to outline the zonal isolation for the Bolack B LS 3 which will abandon the Pictured Cliffs formation to optimize the producing a Chacra and Mesa Verde.

Basic Job Procedure:

- 1. Pull tubing
- 2. Isolate the Chacra and Mesa Verde perforations
 - a. Set CIBP @ ± 2335 ' in 5-1/2" liner
- 3. Squeeze off Pictured Cliffs formation with cement
 - a. RIH and set packer $@\pm 2280$
 - b. Pressure test below the packer to 250 psi low and \pm 1,200 psi for 5 minutes each to ensure the CIBP and liner top are holding
 - c. Unseat packer and POH to where EOT is at ± 2060 ' and set packer
 - d. Pressure test the tubing x casing annulus to 250 psi low and \pm 500 psi high for 5 minutes each to ensure packer is holding
 - e. Acidize perforations with \pm 500 gallons of 15% HCl
 - f. Perform hesitation squeeze with \pm 20 bbls Type III cement w/ 2% calcified water
- 4. Drill out cement and pressure test
 - a. MU drill-out BHA for 7-5/8" 26.4 ppf casing
 - **b.** TIH with tubing and drill out cement plug
 - c. Circulate wellbore clean and pressure test casing to 600 psi for 30 min
 - **d.** If squeeze is unsuccessful a second attempt will be made, design will be contingent on injection parameters
- 5. Remove isolation barrier for Chacra and Mesa Verde
- 6. Run production tubing to produce Chacra and Mesa Verde formations

· · · · · · · · · · · · · · · · · · ·	ck B	LS	3∶-	P	C/(CH/MV	_	(Curren	t Welli	oore	🖏 bp
9.625" Csg TOC: Surface												
Pumped 150 sx					1		FIE		San Jua			
		i i						LL :	Bolack E	3 LS 3 - F	PC/CH/MV	
	- 11 1							UNTY	San Jua		lexico	
7-5/8" Csg TOC: 970							API	No.	30-45-0			
Pumped 250 sacks								B ELEV		5,914	SEC:	33
Fumped 250 sacks	Α						GL	ELEVAT	ION	5,905	TOWN:	28N
							RK	B-GL		9	RANGE:	8W
5.5" Lnr TOC: @ TOL							La	at: 36.613	325611		Long: -107.687	7573
Pumped 406 sacks Class B				7			DIR	ECTION	AL DATA	A.		
Fulliped 400 Sacks Class 6	1.1				TOC	@ 970'	MA	X ANGLE		THRU		
	11			1			KO	P	N/A	TYPE	Vert	ical
	11			1			PR	ODUCTION	ON DETA			3,
Pictured Cliffs perfs	1		300							BING	Prod Liner	Int Casing
2176- 2207			120				SIZI	E		3/8 "	5. 1/2 "	7 5/8 "
(2spf) w/ 40k lbs 10/20 sand		- [1	" i				IGHT		ppf	15.5ppf	26.4ppf
(ADE	- J-		J-55	J-55
		ai I			Line	Top @ ± 2312'		P T H		39'	4,635'	2,375'
		ווי				ums Liner Hanger		READ		EUE	4,000	2,070
					5	and arrow riding of	I.D.		1.9		4.950"	6.969"
		-11	Ŀĸ		End	of Int Casing @ 2375'	DRI	CT.		01"	4.825"	6.844"
	الما	-11	I-F	7	LIIG	or the Casing to 2575		RST		PSI	4810 PSI	4140 PSI
		- 11			TOC	@ TOL		LLAPSE		PSI .		
	ľ	-				emp survey 10/57, sqz'd 100 sx)				37 bbl/ft	4040 PSI	2890 PSI
	1	.11			(ti	mp survey 10/57, sq24 100 sx)		PACITY			0.02380 bbl/ft	0.04718 bb
	l.	* ·	77					DINTS	. ≥3 ⊗ 1/			
	1	li l					PRI		ON ASSE			
							#	O.D. IN	I.D.	LENGTH FT	Descr	iption
Chacra perfs	3						1	2.375	1.995	4518	Tubing	joints
3125-3131		ð	靈				2	2.375	1.875	1	X-Nir	ple
3152-3157							3	2.375	1.995	4	Tubing	pup
3233-3238		-11 1	127				4	2.375	1.780	1	F-Nip	ple
3260-3265		11 1					5	2.375	1.995	2	Mules	hoe
(2spf,40 holes) 104k lbs w N2		11 1					6					
,		.11					7					
		`	1,1				8					
		H I					9					
		11 1					10					
		-					11					
MESA VERDE perfs		11 1					12					
4110-4353 gross	ė	<u> </u>						SING DE	TAII			
(2spf) 60k lbs 40/60 sand	1 27		臺				#	SIZE		GRADE	THREAD	DEPTH
4375-4596 gross	100 200 100		1				A A	10 3/4	32.75	SIVIDE	HINEAU	173
(2spf) 60k lbs 20/40 sand	110	왕 왕	鑩				B	7 5/8	26ppf	J-55	0	2,375
(4941) OUR 103 20/40 Salid	4	FY T	-		Ston	@ 4507' wlm 8/7/13	B				· · · · · · · · · · · · · · · · · · ·	
	125		2722		эюр	@ 4507 Will 0///13	—	5 1/2	16ppf	J-55	l	4,635
		F	1700E		V A !!		딛					
	2					ople @ 4530'	무					
			羅		L-MI	pple @ 4536'	E					
	1	EOT @					F		DATA	,		<u> </u>
		4,539						ESSURE		COUDE		005 001
									DLE PRE	SSURE		295 PSI
								mated				
		2500000							OLE TEN	IPERAT	URE	146°F
		XXX	XI		End	of Prod Liner @ 4635'	Cak	culated				
		/										
							Pr	epared b	y: N. MA)	KWELL	Date: 5-C	ct-2014
Plug Back Total Depth:	4618	MD 46	18	TVD								

