Form 3160-5 (June 2015)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

5.	Lease Serial No.
	NMNM03358

6.	If	Indian.	Allottee	or Tribe	Name

abandoned well. Use form 3160-3 (APD) for such proposals.				6. If Indian, Allottee or Tribe Name		
SUBMIT IN T	7. If Unit or CA/Agreement, Name and/or No. 892000929C					
Type of Well     Oil Well	o ar			8. Well Name and No. NEBU 318M		
2. Name of Operator	Contact: PATTI CA			9. API Well No. 30-045-31271-00		
3a. Address		e No. (include area code)		10. Field and Pool or Ex		
380 AIRPORT RD DURANGO, CO 81303		-712-5997		BASIN DAKOTA BLANCO MESAVERDE		
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)			11. County or Parish, State		
Sec 12 T31N R7W SESE 101 36.909627 N Lat, 107.517204			SAN JUAN COUNTY, NM		NTY, NM	
12. CHECK THE AF	PPROPRIATE BOX(ES) TO INDI	CATE NATURE OF	F NOTICE, I	REPORT, OR OTHE	ER DATA	
TYPE OF SUBMISSION		TYPE OF	ACTION			
Notice of Intent	☐ Acidize ☐ I	Deepen	☐ Production	on (Start/Resume)	☐ Water Shut-Off	
_	☐ Alter Casing ☐ I	Hydraulic Fracturing	□ Reclama	tion	■ Well Integrity	
☐ Subsequent Report	☐ Casing Repair ☐ 1	New Construction	☐ Recompl	ete	<b>⋈</b> Other	
☐ Final Abandonment Notice	☐ Change Plans ☐ I	Plug and Abandon	□ Tempora	rily Abandon		
BP I	☐ Convert to Injection ☐ I	Plug Back	☐ Water D	isposal		
following completion of the involved testing has been completed. Final Abdetermined that the site is ready for fi	rk will be performed or provide the Bond No operations. If the operation results in a mu pandonment Notices must be filed only after inal inspection.  any respectfully requests to re-performation (cement) sustained during	Itiple completion or reconstall requirements, including orate the Mesa Verd	mpletion in a noing reclamation	ew interval, a Form 3160-, have been completed and in the	4 must be filed once	
Please see the attached proce	edure and wellbore diagram.					
In accordance with NMOCD P operation.	it Rule 19.15.17.9, BP will use a clo	osed-loop system du	ring this			
oporation.	Notif. Margar		1			
	Notify NMOCD prior to begin	24 hrs				
	operation	S	SEP	1 3 2018		
		N				
14. I hereby certify that the foregoing is	true and correct.  Electronic Submission #427731 ver For BP AMERICA PRODUCTION mmitted to AFMSS for processing by	ified by the BLM Well N COMPANY, sent to JACK SAVAGE on 09	Information the Farming 9/10/2018 (18	System ton JWS0207SE)		
Name (Printed/Typed) PATTI CA	MPBELL	Title REGULA	ATORY ANA	LYST		
Signature (Electronic S	Submission)	Date 07/18/20	)18			
	THIS SPACE FOR FEDE	RAL OR STATE (	OFFICE US	Ε		
					D. L. OSMOJOS	
_Approved By _JACK SAVAGE		TitlePETROLEU	JM ENGINE	ER	Date 09/10/2018	
Conditions of approval, if any, are attached certify that the applicant holds legal or equal which would entitle the applicant to condu	d. Approval of this notice does not warrant uitable title to those rights in the subject leas ict operations thereon.	or e Office Farmingt	on			
Fitle 18 II S.C. Section 1001 and Title 43	U.S.C. Section 1212 make it a crime for an	v narson knowingly and	willfully to mal	a to any department or as	rangy of the United	

(Instructions on page 2)
\*\* BLM REVISED \*\*

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



### Northeast BlancNEo Unit 318M

API # 30-045-31271 P Sec. 12 31N 07W San Juan County, NM

### Background

BP proposes to re-perforate the Mesa Verde in the subject wellbore in order to bypass formation damage (cement) sustained during recent Mancos and Dakota abandonment operations.

### **Procedure**

- 1. Pull tubing
- 2. Perforate the following intervals:
  - a. 6068, 6041, 6024, 5967, 5950, 5925, 5895, 5859, 5842, 5830, 5802, 5793, 5760, 5747
  - b. 5708, 5693, 5670, 5656, 5645, 5635, 5619, 5585, 5564, 5544, 5525, 5494, 5447, 5243, 5213
  - c. 5019, 4810, 4749, 4679, 4567, 4521
- 3. Pump 1200 gal acid over each zone
- 4. Run tubing
- 5. Return well to production

## Wellbore Diagram



NEBU 318M MV/DK API #: 3004531271 Unit P - Sec. 12 - T31N - R07W San Juan, NM

Formation Tops	
Ojo Alamo	2312
Kirtland	2406
Fruitland	2932
Pictured Cliffs	3333
Lewis	3569
Huerfanito Bentonite	4258
Chacra	
Menefee	5554
Point Lookout	5850
Mancos	6180
Gallup	7060
Greenhorn	7770
Grancros	7824
Dakota	7841
Burro Canyon	7941

Mesa Verde Perforations 4521' - 5019' 15 holes, 0.33" Frac'd w/ 37k gelled water, 1.2 MMSCF N2, & 200k# 20/40

23 holes, 0.33" 5213' - 5708'

Frac'd w/ 93k gal 2% KCl & 100k# 20/40

5747' - 6068' 21 holes, 0.33" Frac'd w/ 99k gal 2% KCl & 98k# 20/40

Deviation Survey			
Depth	Inclination		
166	1.00		
259	0.75		
787	0.75		
1289	0.75		
1822	0.75		
2323	1.00		
2826	1.00		
3328	1.00		
8118	1.00		

Dakota Perforations 7952' - 8093' 17 holes, 0.33" Frac'd w/ 52k# 20/40 & 58k gal gelled KC1

TOC @ 1200' (2003 CBL) 7" 23# J-55 @ 3738' 8-3/4" hole 550 sx cmt 2-3/8" 4.7# J-55 @ 6043' 1.780" ID FN @ 6040' Plug @ 6780' - 6130' 90 sx cmt - d/o CR @ 6780' CR (a) 6780° 82 sx cmt TOF (a) 6787° 3-7/8" wash pipe, 6867° - 6787° 2-3/8" tubing, 7993° - 6867° Casing collapsed (a) 6905° 2-3/8" 4.7# J-55 @ 7993' 1.780" ID SN @ 7989' 4-1/2" 11.6# J-55 @ 8083' 6-1/4" hole PBTD: 8123' TD: 8127' 605 sx cmt

16.5' KB GL: 6525'

TOC @ surf. (circ.)

9-5/8" 32,3# H-40 @ 285' 12-1/4" hole 175 sx cmt