State of New Mexico Energy, Minerals and Natural Resources Department

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Governor

David Martin

Cabinet Secretary-Designate

Jami Bailey, Division Director Oil Conservation Division



Brett F. Woods, Ph.D. Deputy Cabinet Secretary

New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operato	r Signatur	e Da	ite:														
Applica [tion Type:		Drilling	/Ca	asii	ng C	hange			R	ec	on	npl	ete	∍/[ЭН	С
	Loc	ati	on Change	\boxtimes	0	ther	: Work	<u>ov</u>	<u>er</u>								
Well inf	ormation:	المناسات التناسات		····					imainnia			*****************	:: <u> </u>	atanin ilayan		institution of the	kosceens, tr
API WELL#	Well Name	Well #	Operator Name	Туре	Stat	County	Surf_Owner	UL.	Sec	Гwр	N/S	Rng	W/E	Feet	NS	Ft	ΕV
30-045- 09034-00- 00	FLORANCE P	039	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F	В	35	30	Z	8	W	990	Z	1650	Е
et 100 000 000 000 000 000 000 000 000 00			. I ·				20000000 1 1000 1000 1000 1000 1000 100		***************************************	***************************************		000:00000000000000000000000000000000000	10005C1770090130V-0				erroro:
O 4:4:	C A		.1.														
Conditio	ons of App	orov	ai:														
Notify N	NMOCD 2	4hrs	s prior to beginning	ıg op	oera	tions			•								
16						•		<u> </u>	404								
			are above or beli ing to productio		exis	sting p	ert's tile	C-	104	an	id (Com	ıple	tior	1		

NMOCD Approved by Signature

Date

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-013:
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill or to re-enter	an
shandaned wall. Hen form 2460 2 (ADD) for such propo	1-

5. Lease Serial No. NMSF078385

Do not use thi abandoned we		6. If Indian, Allottee o	r Tribe Name					
SUBMIT IN TRI		7. If Unit or CA/Agree	ement, Name and/or No.					
1. Type of Well Oil Well S Gas Well Oth	ier		8. Well Name and No. FLORANCE P 39					
Name of Operator BP AMERICA PRODUCTION	Contact: CO. E-Mail: Toya.Colvii	'IN		9. API Well No. 30-045-09034-0	0-S2			
3a. Address 501 WESTLAKE PARK BLVD HOUSTON, TX 77079	. RM 4.423B	3b. Phone No Ph: 281-36	o. (include area code) 66-7148)	10. Field and Pool, or Exploratory BASIN DAKOTA BLANCO MESAVERDE			
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)			11. County or Parish, a	and State		
Sec 35 T30N R8W NWNE 09: 36.772949 N Lat, 107.641129					SAN JUAN COL	JNTY, NM		
12. CHECK APPI	ROPRIATE BOX(ES) TO) INDICATE	ENATURE OF 1	NOTICE, RE	PORT, OR OTHE	R DATA		
TYPE OF SUBMISSION			TYPE OI	FACTION				
Notice of Intent	☐ Acidize	□ Dee	pen	☐ Production	on (Start/Resume)	□ Water Shut-Off		
_	☐ Alter Casing	. □ Frac	cture Treat	☐ Reclama	tion	□ Well Integrity		
☐ Subsequent Report	□ Casing Repair	☐ Nev	v Construction	☐ Recompl	lete	⊠ Other		
☐ Final Abandonment Notice	☐ Change Plans	D Plug	g and Abandon	and Abandon		Workover Operations		
	Convert to Injection	Plug	g Back	■ Water D	isposal			
13. Describe Proposed or Completed Ope If the proposal is to deepen directions Attach the Bond under which the won following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi BP America Production Comp well. We plan to re-perforate the and wellbore diagrams for the In accordance with NMOCD P closed-loop system during won	Illy or recomplete horizontally, it will be performed or provide operations. If the operation respondent Notices shall be file nal inspection.) any respectfully request to be Mesaverde formation. well. it Rule 19.15.17.9 NMAC,	give subsurface the Bond No. or sults in a multip ed only after all o complete w Please see th	locations and measure file with BLM/BLA le completion or recoverequirements, include torkover operation attached proc	red and true ver . Required sub- impletion in a na- ing reclamation. ans on the sul- edure, C-102	tical depths of all pertinesequent reports shall be ew interval, a Form 3160, have been completed, a bject RCVD Jf	ent markers and zones. filed within 30 days)-4 shall be filed once		
14. I hereby certify that the foregoing is Cor Name (Printed/Typed) TOYA CO	#2 Electronic Submission For BP AMERICA nmitted to AFMSS for proc	PRODUCTIO	N CO., sent to the EVE MASON on 0	e Farmington	SXM0593SE)			
Traine(17/mea/13/pea/ 101A CO	P A MA		THE REGUL	ATORT ANA	L101			
Signature (Electronic S	ubmission)	Date 01/24/20	014					
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE US	E			
Approved By STEPHEN MASON Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent which would entitle the applicant to conductive the applicant to conducti	itable title to those rights in the	TitlePETROLE Office Farming		ER	Date 01/28/2014			
	-							

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

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District 111

1000 Rio Bruzos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.

Form C-102 Revised July 16, 2010 Submit one copy to appropriate District Office

Santa Fe, NM 87505

☐ AMENDED REPORT

			WELL LC	Pool Co		EAGE DEDIC		· · · · · · · · · · · · · · · · · · ·			
-	\P1 Number -045-0903			72319		³ Pool Name Blanco Mesaverde					
⁴ Property (ode	Property Name **Well Number Florance P 39									
OGRID:	No.		*Operator Name * Elevation BP America Production Company 5961*								
	¹⁰ Surface Location										
.14. or lot no. B	Section 35	Township 30N	Range 08W	Let ld	In Feet from the 990	North/South line North	East/West line East	County San Juan			
· · · · · · · · · · · · · · · · · · ·	11 Bottom Hole Location If Different From Surface										
t/1, or lot no.	Section	Township	Range	Lot It	In Feet from the	North/South line	East/West line RCVD J	West-line County CVD JAN 29'14			
¹² Dedicated Acre. 320	s ¹³ Joint o	ា វិកពីរ	Consolidation.	Code 15	Order No.	terining and the second se	,		INS.DIV. IST. 3		

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16	.066	1650'	17 OPERATOR CERTIFICATION I hereby certify that the information contained between is true and complete in the best of any land late grade but belief, and that this organization eather many a working interest or indicased material interest in the land including the proposed buttom hole location or have right to drill this well at this location presumit to a contract with an owner of such a inherial or working interest, or to a voluntary produing agreement or a compulsory pooling order heretofore entered by the division.
			Toya Colvin Topa Colvin E-mail Address
			18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plut was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey
			Signature and Seal of Professional Surveyor: Previously Filed Certificate Number

bp

BP - San Juan Wellwork Procedure

Florance P-39 30-045-09034

Unit letter B SEC. 35, T30N, R8W San Juan, NM MesaVerde Formation

During the P&A of the Dakota operation on this well, cement was inadvertently circulated across the MesaVerde perforations damaging production. The purpose of this procedure is to outline the reperforation of the MesaVerde formation.

Basic Job Procedure:

- 1. Pull tubing
- 2. Perforate the following intervals:
 - a. 4512 4610
 - b. 4960 5050
- 3. Acidize perforations with 2500 gallons 15% HCL
- 4. Run tubing
- 5. Return well to production

Current Wellbore Diagram Florance P-39 **Current Wellbore** 13.375" Csg TOC: Surface Deviation Survey FIELD San Juan South Pumped 180 sx, circulated Depth Deviation Florance P-39 4482 4.5 WELL #7." Свр.ТОС: 4160' (Est?) 4736 COUNTY San Juan, New Mexico APINO. 30-045-09034 Pumped 200 sx on first stage and 5009 2.75 7" DV tool @ RKB ELEVATION \$ \$ 5,973 250 sx on second 5125 35 2.5 SEC:紫绿江 2900' 5195 2 GLEEEVATION 5,961 TOWN: 30N 4:5" Cag TOC: Surface 5317 2.75 RKB-GL RANGE: Lat: 36.7730541 Long: -107.641794 5409 2 Pumped 325 sx on first stage and 225 DIRECTIONAL DATA 4.5" DV lool 5530 1.75 sx on second. Circulated to surface @ 4033' 5623 MAX ANGLE 10.000 THRU 6380 5744 2.75 N/A Vertical e- water 7, Casing Squeeze 5857 PRODUCTION DETAIL 3.75 TURING **Prod Casing** 332-412' w/ 600 sx 5950 5.25 Int Casing 6049 2 3/8 /4.41/2." 6100 8 WEIGHT 4.7ppf 10.5 | 11.6 20 | 23 6290 q GRADE 3455% % ₹J*55 J9:55 T 3- Knuckle Joint @ 4432'+/-6380 10 DEPTH 5.000 7,320' 4,422 1777 8R ST+C 6444 THREAD 78REUE Openhole Completion 6570 ID 1.995" 4.052" 6.456 1.901" 1500 ats SNG 3.927 6.3312 DRIFT 7700 PSI 4494-5229 BURST 4790 PSI 28100 PSI 2 4010 PSI Squeezed w/ 350 sx Class A COLLARSE #2270 PSI neal & 100 sx Class A w/15% CMT found at 4525' САРАСПУ 0.00387 bbl/ft 0.01595 bbl/ft 0.04049 bbl/ft 7741627FFF #TIOINTS TO sand Red Data based on lower wt PRODUCTION ASSEMBLY DETAIL O. D. LENGTH Description IN IN FT X-Profile 1 2.375 1.875 1.00 2 2.375 1.995 3.00 Mule Shoe CLIFFHOUSE-MENEFEE Perforations: 2 SPF 3 4512-13, 21-22, 24-25, 27-26, 30-31, 38-39, 44-45, 4 4550-51, 58-59, 65-66, 72-73, 4600-01, 07-10, 14-15 5 4658-59, 63-64, 4707-08, 12-13, 17-18, 55-56, 68-69 6 4776-77, 4814-4815 7 8 Frac w/ 101,000 gal slickwater, 60,000# 10/20 sand 9 & 20,000# 8/12 sand 10 POINT LOOKOUT Perforations: 3 SPF 11 4922-23, 63-64, 81-82, 85-86, 91-92, 97-98, 5003-04 12 5006-07, 11-12, 15-16, 19-20, 39-40, 89-90, 5100-01 X-Nipple @ 4996' CASING DETAIL ÉOT @ THREAD DEPTH Frac w/ 102,000 gal slickwater, 60,000# 10/20 sand # SIZE WGHT GRADE & 20,000# 8/12 sand 5,000 A 13 3/8 48 H-40 176 B 7 20 | 23 4,422 P&A of Dakota C 4 1/2 0.5 | 11.0 8R ST+C 7,320 Balanced Plug (TOC @ 5526'): Pmp 15 bbl 14.6# cmt D CSG leak between 6238' and 6272' E Balanced Plug (TOC @ 6272'): Pmp 12.3 bbl 14.6# cmt F Top of 11.6# @ 6406' **DAKOTA Perfs: 2SPF** CIBP @ 7050 PRESSURE DATA 7083-7196 BOTTOM HOLE PRESSURE Frac w/ 68,350 gal water & 50,000# sand Fish: Perf Gun @ 7200' Estimated BOTTOM HOLE/TEMPERATURE 7216-20, 24-30, 41-43, 48-50, 60-66, 80-86, 90-96 166°F End of Prod Casing @ Frac w/ 84k gal wtr 50k# 40/60 & 20k# 20/40 sand Calculated 7320 Prepared by: Jacob Wendte Date: 9-Oct-2013 Plug Back Total Depth: 5526 .MD 5519 TVD Spud: 1951 Sidetrack Completed: 10/1965 Last Workover: 5/2013 TVD Total Depth:

