

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
Abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.
NM - 013688
6. If Indian, Allottee or tribe Name
7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
BP AMERICA PRODUCTION COMPANY

3a. Address
PO BOX 3092 HOUSTON, TX 77253

3b. Phone No. (include area code)
281-366-4081

8. Well Name and No.
Atlantic LS 1B

9. API Well No.
30-045-32874

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1500' FNL & 760' FEL; SEC 25 T31N R10W SENE Mer NMP

10. Field and Pool, or Exploratory Area
BLANCO MESAVERDE

11. County or Parish, State
SAN JUAN, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other <u>Chng Bottom Hole</u>
			<u>Location</u>

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

The original APD was submitted on 04/20/05 and approved 05/13/05. BP America respectfully requests permission to change the Bottom Hole location From: 760' FNL & 760' FEL To: 720' FNL & 1320' FEL.

Please see attached C-102, Proposed Inclination, Revised Cement report and Drilling Plan (form 46)

14. I hereby certify that the foregoing is true and correct
Name (Printed/typed)

Cherry Hlava

Title Regulatory Analyst

Signature

Cherry Hlava 281-366-4081

Date 05/17/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Andrea Brumley

Title

Pet. Eng

Date

5/25/05

Conditions of approval, if any, are attached. Approval of this notice does not warrant or Certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FFO

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.

HOLD C104 FOR *Directional Survey*
NMOCD

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources DepartmentOIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505Form C-102
Revised August 15, 2000Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-32874		² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 00278	⁵ Property Name Atlantic LS		⁶ Well Number 1 B
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company		⁹ Elevation 6546'

¹⁰ Surface Location

UL or lot no. H	Section 25	Township 31N	Range 10W	Lot Idn	Feet from the 1500'	North/South line North	Feet from the 760'	East/West line East	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. B	Section 25	Township 31N	Range 10W	Lot Idn	Feet from the 720'	North/South line North	Feet from the 1320'	East/West line East	County San Juan
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¹² Dedicated Acres 297.40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Cherry Hlava Printed Name Regulatory Analyst Title 05/17/2005 Date	
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat 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. 03/30/2005 Date of Survey Signature and Seal of Professional Surveyor: Gary D Vann 7016 Certificate Number	

Cementing Program

30-045-32874

REVISION 1 05/16/05

Well Name: Atlantic LS #1B
 Location: 25-31N-10W : 1500' FNL, 760' FEL
 County: San Juan
 State: New Mexico

Well Flac
 Formation: MesaVerde
 KB Elev (est) 6560
 GL Elev. (est) 6546

Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)
Surface	200	13.5	9.625	ST&C	Surface	NA
Intermediate	3164	8.75	7	ST&C	Surface	NA
Production -	6175	6.25	4.5	ST	3064	2561

Casing Properties:

Casing String	Size (in.)	Weight (lb/ft)	Grade	Burst (psi.)	Collapse (psi.)	Joint St. (1000 lbs.)	Capacity (bbl/ft.)	Drift (in.)
Surface		9.625	32 H-40	2270	1400	254	0.0787	8.845
Intermediate		7	20 K-55	3740	2270	234	0.0405	6.456
Production -		4.5	10.5 J-55	4790	4010	132	0.0159	3.927

Mud Program

Apx. Interval (ft.)	Mud Type	Mud Weight
0 - SCP	Water/Spud	8.6-9.2
SCP - ICP	Water/LSND	8.6-9.2
ICP - ICP2	Gas/Air Mist	NA
ICP2 - TD	LSND	8.6 - 9.2

Recommended Mud Properties Prio Cementing:

PV <20
 YP <10
 Fluid Los: <15

Cementing Program:

	Surface	Intermediate	Production
Excess %, Lead	100	100	40
Excess %, Tail	NA	0	40
BHST (est deg. F)	72	110	159
Time Between Stages, (hr)	NA	NA	NA
Special Instructions	1,6	1,6	2,6

1. Do not wash pumps and lines.
2. Wash pumps and lines.
3. Reverse out
4. Run Blend Test on Cement
5. Record Rate, Pressure, and Density on 3.5" disk
6. Confirm densitometer with pressurized mud scales

Surface:

Preflush	20 bbl.	FreshWater	
Slurry 1	154 sx Class C Cement		195 cuft
TOC@Surface	+ 2% CaCl2 (accelerator)		
			0.4887 cuft/ft OH
			100 % excess

Slurry Properties:

	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)
Slurry 1	15.2	1.27	5.8

Casing Equipment:

- 9-5/8", 8R, ST&C
- 1 Guide Shoe
- 1 Top Wooden Plug
- 1 Autofill insert float valve
- Centralizers, as needed
- 1 Stop Ring
- 1 Thread Lock Compound

REVISION 1		05/13/05		BP AMERICA PRODUCTION COMPANY		<i>30-045-32874</i>			
DRILLING AND COMPLETION PROGRAM									
5/9/2005									
Lease:	Atlantic LS		Well Name & No.	Atlantic LS #1B		Field:	Blanco Mesaverde		
County:	San Juan, New Mexico		Surface Location:	25-31N-10W : 1500' FNL, 760' FEL					
Minerals:			Surface:	Lat: 36.8725995 Long: -107.8294128					
Rig :	Aztec 507		BH Location:	720' FNL, 1320' FEL; Lat:36.8747649 Long: -107.8313122					
OBJECTIVE:	Drill 400' below the top of the Point Lookout, set 4-1/2" production casing. Stimulate MF, and PL intervals.								
METHOD OF DRILLING				APPROXIMATE DEPTHS OF GEOLOGICAL MARKER					
TYPE OF TOOLS		DEPTH OF DRILLING		Actual GL:	6546	Estimated KB: 6,560.0'			
Rotary		0 - TD		Marker		SUBSEA	TVD		
LOG PROGRAM									
Type	Depth Interval								
Single Run									
Cased Hole									
TDT- CBL	TD to 7" shoe.								
	Identify 4 1/2" cement top								
REMARKS: - Please report any flares (magnitude & duration).				Ojo Alamo		4,588'	1,972'	2,060'	
				Kirtland		4,472'	2,088'	2,187'	
				Fruitland		*	3,757'	2,803'	2,968'
				Fruitland Coal		*	3,522'	3,038'	3,214'
				Pictured Cliffs		*	3,205'	3,355'	3,535'
				Lewis		*	3,060'	3,500'	3,680'
				Cliff House		#	1,709'	4,851'	5,031'
				Menefee		#	1,383'	5,177'	5,357'
				Point Lookout		#	965'	5,595'	5,775'
				Mancos			662'	5,898'	6,078'
				TOTAL DEPTH:		565'	5,995'	6,175'	
				# Probable completion interval * Possible Pay					
SPECIAL TESTS				DRILL CUTTING SAMPLES		DRILLING TIME			
TYPE				FREQUENCY		DEPTH			
				none		3,164' to TD			
REMARKS:				Geolograph		0 - TD			
MUD PROGRAM:									
Interval	TypeMud	#/gal	Vis, sec/qt	/30 min	Other Specification				
200'	Spud	8.8 - 9.0	Sufficient to clean hole.						
3,164'	Water/LSND	8.4 - 9.0		<9	Sweep hole while whilst water drilling, LCM onsite				
6,175'	Air	1	1000 cfm for bit		Volume sufficient to maintain a stable and clean wellbore				
CASING PROGRAM:									
CasingString	Depth	Size	Casing Size	Grade, Thread	Weight	Landing Point	Cement		
Surface/Conductor	200'	13 1/2"	9-5/8"	H-40 ST&C	32#		cmt to surface		
Intermediate 1	3,164'	8-3/4"	7"	J/K-55 ST&C	20#	50' above FT coal	cmt to surface		
Production	6,175'	6-1/4"	4-1/2"	J-55	11.0# 10.5#	DKOT	150' inside Intermediate - TOC survey required		
CORING PROGRAM:									
None									
COMPLETION PROGRAM:									
Rigless, 2-3 Stage Limited Entry Hydraulic Frac, FMC Unihead									
GENERAL REMARKS:									
Notify BLM/NMOCDD 24 hours prior to Spud, BOP testing, and Casing and Cementing.									
BOP Pressure Testing Requirements									
Formation	Depth	Anticipated bottom hole pressure			Max anticipated surface pressure**				
Cliffhouse	4,851'	500			0				
Point Lookout	5,595'	600			0				
Dakota	-	2600			-				
Requested BOP Pressure Test Exception = 1500 psi				** Note: Determined using the following formula: ABHP - (.22*TVD) = ASP					
Form 46 Reviewed by:		Logging program reviewed by:							
PREPARED BY:		APPROVED:		DATE:		APPROVED:			
HGJ JMP/JLP				9-May-05					
Form 46 7-84bw		For Drilling Dept.		For Production Dept.					