

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMSF - 078139
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name 469
2. Name of Operator BP AMERICA PRODUCTION COMPANY Contact: MARY CORLEY E-Mail: corleym@bp.com		7. If Unit or CA Agreement, Name and No. 469
3a. Address P.O. BOX 3092 HOUSTON, TX 77253		8. Lease Name and Well No. EE ELLIOTT A 1B
3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700		9. API Well No. 30-045-31005
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NESW Lot K 1650FSL 2190FWL 36.48500 N Lat, 107.46100 W Lon At proposed prod. zone		10. Field and Pool, or Exploratory BLANCO MESAVERDE
14. Distance in miles and direction from nearest town or post office* 14 MILES FROM AZTEC		11. Sec., T., R., M., or Blk. and Survey or Area K Sec 15 T30N R9W Mer NMP
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1650	16. No. of Acres in Lease 320.00	12. County or Parish SAN JUAN
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 5572 MD	13. State NM
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6158 GL	22. Approximate date work will start 03/10/2002	17. Spacing Unit dedicated to this well 320.00 5/2
23. Estimated duration 7 DAYS		20. BLM/BIA Bond No. on file

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

24. Attachments

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission) <i>Mary Corley</i>	Name (Printed/Typed) MARY CORLEY	Date 02/20/2002
Title AUTHORIZED REPRESENTATIVE		
Approved by (Signature) <i>J.L. (Phone 4-1-02)</i>	Name (Printed/Typed)	Date 3-20-02
Title Office		

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

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.

Additional Operator Remarks (see next page)

Electronic Submission #10421 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-31005	² Pool Code 72319	³ Pool Name BLANCO MESA VERDE
⁴ Property Code 469	⁵ Property Name E. E. ELLIOTT A	⁶ Well Number # 1B
⁷ OGRID No. 000 728	⁸ Operator Name BP AMERICA PRODUCTION COMPANY	⁹ Elevation 6158

¹⁰ Surface Location

UL or Lot No. K	Section 15	Township 30 N	Range 9 W	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 2190	East/West line WEST	County SAN JUAN
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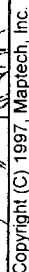
¹¹ Bottom Hole Location If Different From Surface

¹² UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹³ Dedicated Acres 320.0	¹⁴ Joint or Infill	¹⁵ Consolidation Code	¹⁶ Order No.						

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 5225(R)	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Mary Corbey</i> Printed Name: MARY CORBEY Title: SR. REGULATORY ANALYST Date: 02-19-2002
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. January 28, 2002 Date of Survey Signature and Seal of Professional Surveyor GARY D. VANN NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 7016 Certificate Number	

(R) - BLM Record



BP AMERICA
PRODUCTION COMPANY

E.E. Elliott A # 1B
SW $\frac{1}{4}$ Section 15,
T30N, R9W, N1M.P.M.

2100' New BLM Road Construction
T30N, R9W, Sec.15
SW $\frac{1}{4}$ SE $\frac{1}{4}$ - 1400'
SE $\frac{1}{4}$ SW $\frac{1}{4}$ - 400'
NE $\frac{1}{4}$ SW $\frac{1}{4}$ - 300'

APD MAP # 1

**BP AMERICA PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM**

Prospect Name: E.E.Elliott A
Lease: E.E. Elliott A
County: San Juan
State: New Mexico
Date: February 19, 2002

Well No: 1B
Surface Location: 15-30N-9W, 1650 FSL, 2190 FWL
Field: Blanco Mesaverde

OBJECTIVE: Drill 50' below the top of the Mancos, set 4 1/2" production liner, Stimulate LS, CH, MF and PL intervals

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS Rotary	DEPTH OF DRILLING 0 - TD	Estimated GL: 6158		Estimated KB: 6172	
LOG PROGRAM		MARKER	SUBSEA	MEAS. DEPTH	
TYPE <u>OPEN HOLE</u>	DEPTH INVERAL	Ojo Alamo	4537	1635	
		Fruitland Coal	*	3820	2352
		Pictured Cliffs	*	3262	2910
		Lewis Shale	#	3154	3018
		Cliff House	#	1613	4559
		Menefee Shale	#	1440	4732
		Point Lookout	#	1026	5146
		Mancos		650	5522
		Greenhorn			
		Bentonite Marker			
CASED HOLE GR-CCL-TDT CBL* <small>*CBL will be run if cement does not circulate to surface</small> TDT - TD to 7" shoe Identify 4 1/2" cement top		Two Wells	#		
		Dakota MB	#		
		Burro Canyon	*		
		Morrison	*		
REMARKS: - Please report any flares (magnitude & duration).		TOTAL DEPTH 600 5572			
SPECIAL TESTS		DRILL CUTTING SAMPLES		DRILLING TIME	
TYPE None		FREQUENCY None	DEPTH Production hole	FREQUENCY Geolograph	DEPTH 0-TD
REMARKS:					

MUD PROGRAM:					
Approx. Interval	Type Mud	Weight, #/ga	Vis, sec/qt	W/L cc's/30 min	Other Specification
0 - 120	Spud	8.6-9.2			
120 - 2305 (1)	Water/LSND	8.6-9.2		<6	
2305 - 5572	Gas/Air/N2/Mist	Volume sufficient to maintain a stable and clean wellbore			

REMARKS:
 (1) The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency.

CASING PROGRAM: (Normally, tubular goods allocation letter specifies casing sizes to be used. Hole sizes will be governed by Contract)						
Casing String	Estimated Depth	Casing Size	Grade	Weight	Hole Size	Landing Pt, Cmt, Etc.
Surface/Conductor	200	9 5/8"	H-40 ST&C	32#	12.25"	1 -
Intermediate	2305	7"	J/K-55 ST&C	20#	8.75"	1,2 -
Production Liner	5572	4 1/2"	J-55	10.5#	6.25"	3,4 ✓

REMARKS:
 (1) Circulate Cement to Surface
 (2) Set casing 50' above Fruitland Coal
 (3) Bring cement 100' above 7" shoe
 (4) Min Overlap for liner is 100'

CORING PROGRAM:
 None

COMPLETION PROGRAM:
 Rigless, 3-4 Stage Limited Entry Hydraulic Frac

GENERAL REMARKS:
 Notify BLM/NMOCDC 24 hours prior to Spud, BOP testing, and Casing and Cementing.

Form 46 Reviewed by: _____ Logging program reviewed by: _____ N/A

PREPARED BY: HGJ/MNP	APPROVED:	DATE: 11 th February 2002 Version 1.0
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Form 46 12-00 MNP

BP AMERICA PRODUCTION COMPANY

BOP Pressure Testing Requirements

Well Name: E.E.Elliott A
County: San Juan

1B
State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1635		
Fruitland Coal	2352		
PC	2910		
Lewis Shale	3018		
Cliff House	4559	500	0
Menefee Shale	4732		
Point Lookout	5146	600	0
Mancos	5522		

** Note: Determined using the following formula: $ABHP - (.22 \times TVD) = ASP$

Requested BOP Pressure Test Exception: 750 psi

SAN JUAN BASIN Mesaverde Formation Pressure Control Equipment

Background

The objective Mesaverde formation maximum surface pressure is anticipated to be less than 1000 PSI, based on shut-in surface pressures from adjacent wells. Pressure control equipment working pressure minimum requirements are therefore 2000 PSI. Equipment to be used will conform to API RP-53 (Figure 2.C.2) for a 2000 PSI system per Federal Onshore Order No. 2. Due to available conventional equipment within the area, 3000 PSI rated pressure control equipment will typically be utilized in a double ram type arrangement. Regional drilling rights to be utilized have substructure height limitations which exclude the use of annular preventers; therefore a rotating head will be installed above these rams. This pressure control equipment will be utilized for conventional drilling below conductor to total depth. No abnormal temperature, pressure, or Hydrogen Sulfide gas is anticipated.

Equipment Specification

Interval

BOP Equipment

Below conductor casing to total depth

11" nominal or 7 1/16", 3000 PSI double ram
preventer with rotating head.

All ram type preventers and related control equipment will be hydraulically tested to 250 PSI (low pressure) and 750 PSI (high pressure), upon installation, following any repairs or equipment replacements, or at 30 day intervals. Accessories to BOP equipment will include Kelly cock, upper Kelly cock with a handle available, floor safety valves and choke manifold which will also be tested to equivalent pressure at the appropriate intervals