

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 - 078316-F
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
2. Name of Operator BP AMERICA PRODUCTION COMPANY		7. If Unit or CA Agreement, Name and No.
Contact: MARY CORLEY E-Mail: corley.m@bp.com		8. Lease Name and Well No. RIDDLE C LS 1B
3a. Address P.O. BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700	9. API Well No. 30045 31095
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENW Lot 10 2160FNL 990FWL 36.51400 N Lat, 107.49400 W Lon At proposed prod. zone NENW Lot 7 906FNL 990FWL 36.51400 N Lat, 107.49400 W Lon		10. Field and Pool, or Exploratory BLANCO MESAVERDE
14. Distance in miles and direction from nearest town or post office* 20 MILES NE FROM AZTEC		11. Sec., T., R., M., or Blk. and Survey or Area F Sec 31 T31N R9W Mer NMP
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 990' FWL	16. No. of Acres in Lease 299.10	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 6310 MD 6079 TVD	13. State NM
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6606 GL	22. Approximate date work will start 06/25/2002	17. Spacing Unit dedicated to this well 299.1
		20. BLM/BIA Bond No. on file WY2924
		23. Estimated duration 7 DAYS

24. Attachments

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.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 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). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) MARY CORLEY	Date 05/13/2002
Title AUTHORIZED REPRESENTATIVE		
Approved by (Signature)	Name (Printed/Typed)	Date JUN 25
Title /s/ David J. Mankiewicz	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 #11308 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

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

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

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*

NMOCD

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

<sup>1</sup> API Number 30-045-31095	<sup>2</sup> Pool Code 7231.9	<sup>3</sup> Pool Name BLANCO MESAVERDE
<sup>4</sup> Property Code 000976	<sup>5</sup> Property Name RIDDLE C LS	<sup>6</sup> Well Number # 1B
<sup>7</sup> OGRID No. 000778	<sup>8</sup> Operator Name BP AMERICA PRODUCTION COMPANY	<sup>9</sup> Elevation 6606

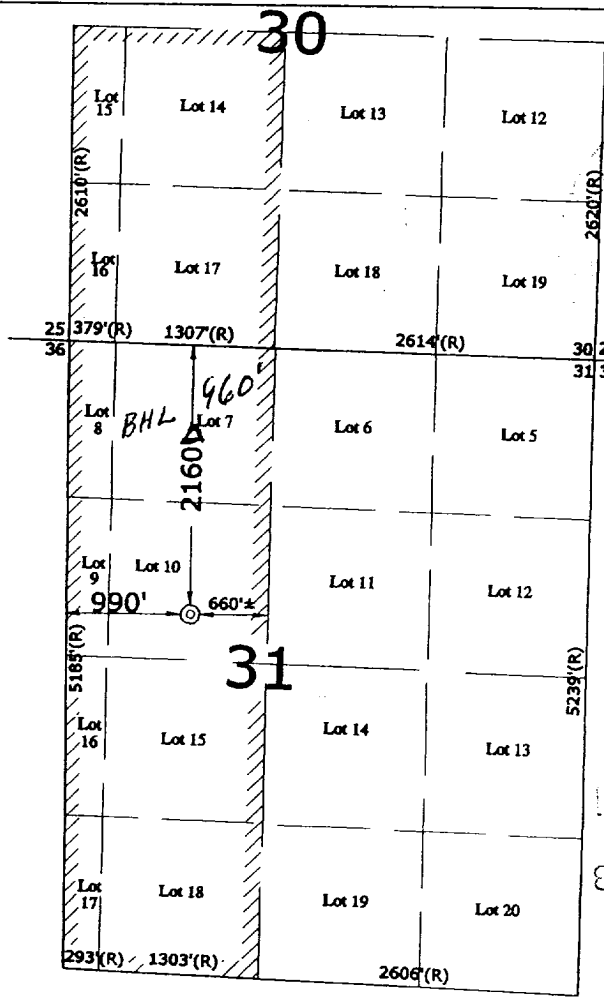

<sup>10</sup> Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F(Lot 10)	31	31 N	9 W		2160	NORTH	990	WEST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

<sup>7</sup> UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	31	31 N	9 W		960	NORTH	990	WEST	SAN JUAN
<sup>12</sup> Dedicated Acres 294.1	<sup>13</sup> In-nt or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. R-35						

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

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature: Mary Corley Printed Name: MARY CORLEY Title: SUPERVISORY ANALYST Date: 05.13.2002  <sup>18</sup> 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.  March 19, 2002 Date of Survey Signature and Seal of Professional Surveyor  7016 Certificate Number
---	---

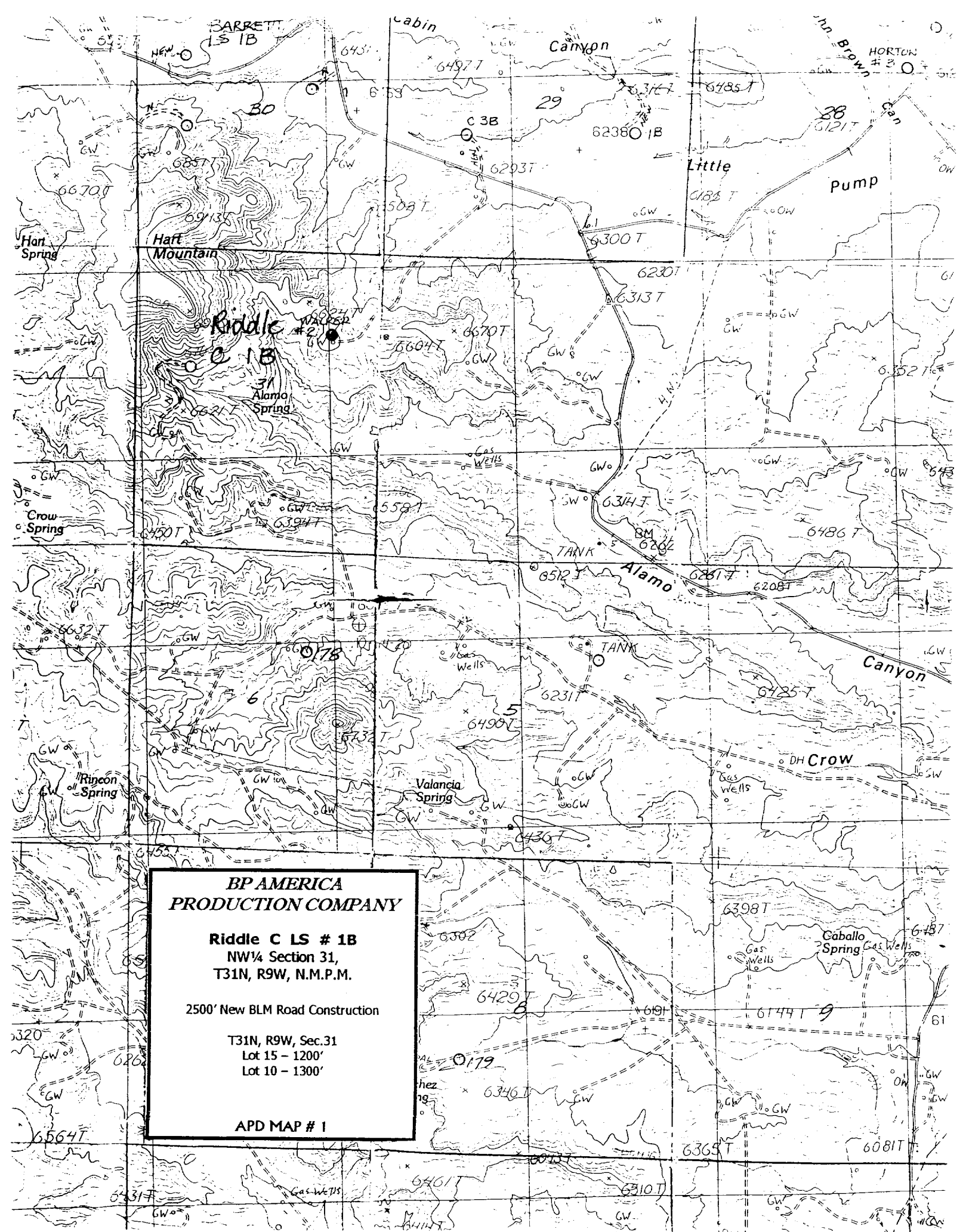
**BP AMERICA  
PRODUCTION COMPANY**

**Riddle C LS # 1B**  
NW¼ Section 31,  
T31N, R9W, N.M.P.M.

2500' New BLM Road Construction

T31N, R9W, Sec.31  
Lot 15 - 1200'  
Lot 10 - 1300'

APD MAP # 1



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

**Prospect Name:** Riddle C LS

**Lease:** Riddle C LS

**County:** San Juan

**State:** New Mexico

**Date:** 9 May 13, 2002

**Well No:** 1B

**Surface Location:** 31-31N-9W, 2160 FNL, 990 FWL

**Field:** Blanco Mesaverde

**Bottom Location:** 31-31N-9W, 960 FNL, 990 FWL

**OBJECTIVE:** Drill 50' below the base of the Mancos Shale, set 41/2" production liner, Stimulate LS, CH, MF and PL intervals

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	Estimated GL: 6606		Estimated KB: 6620	
Rotary	0 - TD	MARKER		TVD	MEASURED DEPTH
<b>LOG PROGRAM</b>  <b>TYPE</b> <u>OPEN HOLE</u> None  <u>CASED HOLE</u> GR-CCL-TDT CBL  <b>DEPTH INVERAL</b>  TDT - TD to 7" shoe Identify 4 1/2" cement top		Ojo Alamo		2028	2165
		Kirkland		2145	2296
		Fruitland		2887	3127
		Fruitland Coal	*	2976	3226
		Pictured Cliffs	*	3356	3617
		Lewis Shale	#	3507	3768
		Cliff House	#	4886	5147
		Menefee Shale	#	5194	5455
		Point Lookout	#	5603	5864
		Mancos		5999	6260
REMARKS:		TOTAL DEPTH # Probable completion interval * Possible Pay			
<b>SPECIAL TESTS</b>  TYPE None  REMARKS:		<b>DRILL CUTTING SAMPLES</b> FREQUENCY DEPTH none Production hole		<b>DRILLING TIME</b> FREQUENCY DEPTH Geolograph 0-TD	

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 - 3171 (1)	Water/LSND	8.6-9.2		<6		
3171 - 6310	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	120	9 5/8"	H-40 ST&C	32#	12.25"	1
Intermediate	3171	7"	J/K-55 ST&C	20#	8.75"	1,2
Production Liner	6310	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) 100' Overlap

CORING PROGRAM:
None

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

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

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

<b>PREPARED BY:</b>  HGJ/MNP	<b>APPROVED:</b>	<b>DATE:</b> 9 <sup>th</sup> May 2002 Version 1.0
------------------------------------	------------------	---

Form 46 12-00 MNP