

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078596 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87401 (505) 326-9700	8. Farm or Lease Name Maddox Com 9. Well Number 1B
4. Location of Well 915' FSL, 660' FWL Latitude 36° 48.4 , Longitude 107° 42.3	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) M Sec. 17, T-30-N, R-8-W API # 30-045-29856
14. Distance in Miles from Nearest Town 1 mile to Navajo Dam Post Office	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 660'	
16. Acres in Lease	17. Acres Assigned to Well S/ 320.00
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 200'	
19. Proposed Depth 5100'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5800' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <u><i>Regan Shields</i></u> Regulatory/Compliance Administrator	Date <u>1-28-99</u>

PERMIT NO. \_\_\_\_\_

APPROVAL DATE MAY 13 1999

APPROVED BY /S/ Duane W. Spencer

TITLE Team Lead, Petroleum Management

DATE \_\_\_\_\_

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes 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 presentations as to any matter within its jurisdiction.

NMORN

District I  
PO Box 1960, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-10  
Revised February 21, 1998  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District II  
PO Drawer 00, Artesia, NM 88211-0719

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

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2068, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29856	*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7278	*Property Name MADDOX COM	*Well Number 18
*OGR:D No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 5800'

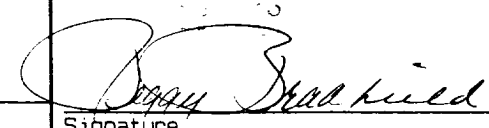
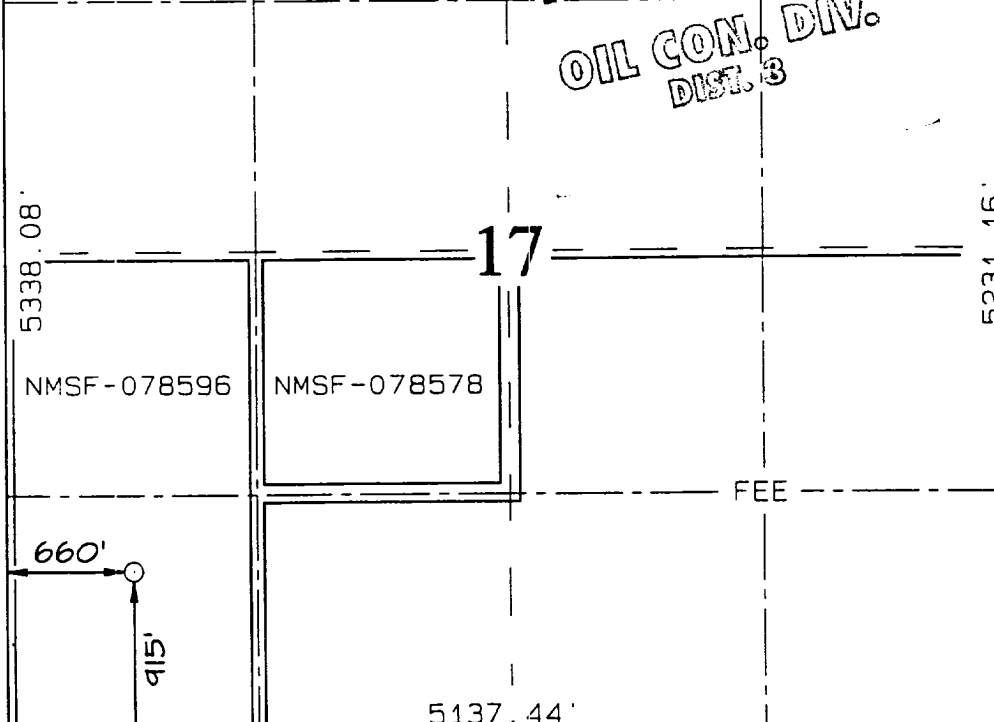
<sup>10</sup> Surface Location

UL or lot no. M	Section 17	Township 30N	Range 8W	Lot ID#	Feet from the 915	North/South line SOUTH	Feet from the 660	East/West line WEST	County SAN JUA
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot ID#	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres S/320		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

<sup>16</sup> 5338.08'	5434.44'	<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 Peggy Bradfield Printed Name Regulatory Administrator Title 1-28-99 Date
	 NMSF-078596 NMSF-078578 5137.44'	

## OPERATIONS PLAN

**Well Name:** Maddox Com #1B  
**Location:** 915' FSL, 660' FWL, Sec. 17, T-30-N, R-8-W  
San Juan County, NM  
Latitude 36° 48.4, Longitude 107° 42.3  
**Formation:** Blanco Mesa Verde  
**Elevation:** 5800'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1360'	
Ojo Alamo	1360'	1533'	
Kirtland	1533'	2063'	
Fruitland	2063'	2570'	
Pictured Cliffs	2570'	2672'	
Lewis	2672'	3225'	
<b>Intermediate TD</b>	<b>2772'</b>		
Mesa Verde	3225'	3569'	
Chacra	3569'	4269'	
Massive Cliff House	4269'	4382'	
Menefee	4382'	4700'	
Massive Point Lookout	4700'		
<b>TD</b>	<b>5100'</b>		

### Logging Program:

Open hole - Array Ind - intermediate csg to surface  
Neutron/Den - intermediate csg to 1533'  
Cased hole - TDT - intermediate csg to 1533' (if open hole logs do not go)  
GR/CBL - surface to TD

### Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200-2772'	LSND	8.4-9.0	30-60	no control
2772-5100'	Gas	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

### Casing Program (as listed, the equivalent, or better):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2772'	7"	20.0#	J-55
6 1/4"	2672' - 5100'	4 1/2"	10.5#	J-55

### Tubing Program:

0' - 5100'      2 3/8"      4.70# EUE

### BOP Specifications, Wellhead and Tests:

#### Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).  
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

BURLINGTON RESOURCES OIL & GAS COMPANY MADDOX COM #1B

915' FSL & 660' FWL, SECTION 17, T30N, R8W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

150' NEW BLM CONSTRUCTION  
SWSW SECTION 17, T30N, R8W

