

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 NM-04209 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 87499 (505) 326-9700	8. Farm or Lease Name Hancock A 9. Well Number 1R
4. Location of Well 1875' FNL, 1195' FEL Latitude 36° 37.2 , Longitude 107° 45.1	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) H/Sec. 35, T-28-N, R-9-W API # 30-045-29849
14. Distance in Miles from Nearest Town 8 miles to Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1195'	17. Acres Assigned to Well E/ 320.15
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 400'	
19. Proposed Depth 5026'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6134' 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>[Signature]</u> Regulatory/Compliance Administrator	Date <u>[Signature]</u>

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

APPROVAL DATE **APR 06 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.

NMCCD

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

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

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

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

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

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045- 29849	<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name Blanco Mesaverde
<sup>4</sup> Property Code 7077	<sup>5</sup> Property Name HANCOCK A	<sup>6</sup> Well Number 1R
<sup>7</sup> GRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	<sup>9</sup> Elevation 6134'

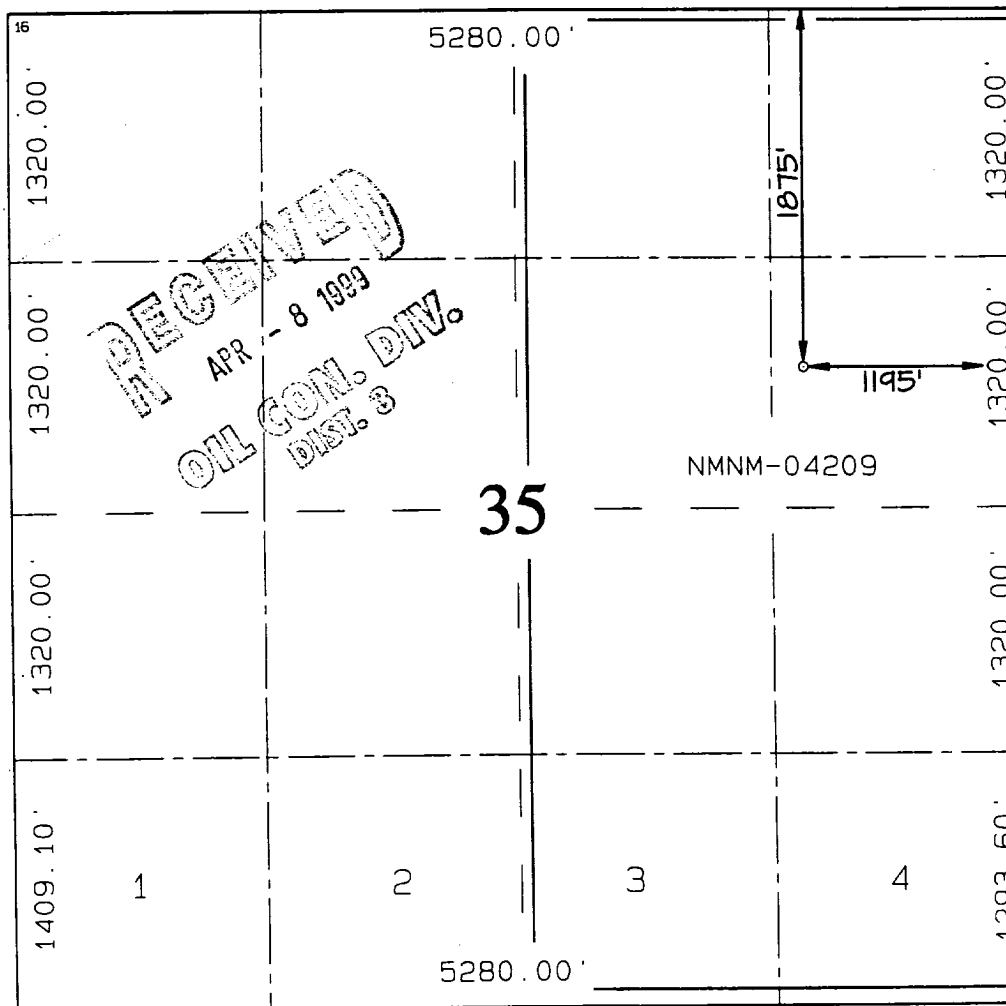
#### <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	35	28N	9W		1875	NORTH	1195	EAST	SAN JUAN

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

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres E/320.15		<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>				<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	
Date				<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.	
				Date of Survey JULY 20, 1998	
				Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6887	
				Certificate Number	

## OPERATIONS PLAN

**Well Name:** Hancock A #1R  
**Location:** 1875' FNL, 1195' FEL, Sec. 35, T-28-N, R-9-W  
San Juan County, NM  
Latitude 36° 37.2, Longitude 107° 45.1  
**Formation:** Blanco Mesa Verde  
**Elevation:** 6134'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1410'	
Ojo Alamo	1410'	1471'	aquifer
Kirtland	1471'	2091'	gas
Fruitland	2091'	2310'	gas
Pictured Cliffs	2310'	2418'	gas
Lewis	2418'	2873'	gas
<b>Intermediate TD</b>	<b>2518'</b>		
Chacra	2873'	3971'	gas
Massive Cliff House	3971'	4008'	salt/gas
Menefee	4008'	4626'	gas
Massive Point Lookout	4626'		gas
<b>TD</b>	<b>5026'</b>		

### Logging Program:

AIT/Density/Temp - TD to intermediate casing  
GR/Neutron - TD to surface  
Magnetic Resonance (CMR) - TD to 3900'

### Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 400'	Spud	8.4-9.0	40-50	no control
400-2518'	LSND	8.4-9.0	30-60	no control
2518-5026'	Air	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' - 400'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2518'	7"	20.0#	J-55
6 1/2"	2418' - 5026'	4 1/2"	10.5#	J-55

### Tubing Program:

0' - 5026'      2 3/8"      4.70# J-55      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.

1875' FNL & 1195' FEL, SECTION 35, T28N, R9W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

