

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	<b>RECEIVED</b> FEB - 9 1998 <b>OIL CON. DIV.</b> DIST. 3	5. Lease Number NM-93313
1b. Type of Well GAS		Unit Reporting Number 6804 Farmington, NM
2. Operator <b>BURLINGTON RESOURCES</b> 14538 Oil & Gas Company	7. Unit Agreement Name	8. Farm or Lease Name 6804 Atlantic C
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	9. Well Number 6C	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde
4. Location of Well 2240' FNL, 2005' FWL  Latitude 36° 50.5, Longitude 107° 55.5	11. Sec., Twn, Rge, Mer. (NMPM) F Sec 6, T-30-N, R-10-W API # 30-045-29530	12. County San Juan
14. Distance in Miles from Nearest Town 3 miles to Aztec	13. State NM	15. Distance from Proposed Location to Nearest Property or Lease Line 2005'
16. Acres in Lease	17. Acres Assigned to Well 314.77 W/2	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1600'
19. Proposed Depth 5339 This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	20. Rotary or Cable Tools Rotary	21. Elevations (DF, FT, GR, Etc.) 6097' GR
22. Approx. Date Work will Start	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
23. Proposed Casing and Cementing Program See Operations Plan attached	24. Authorized by: <u><i>Regan Stadhield</i></u> (Regulatory/Compliance Administrator)	
		Date <u>10-21-97</u>

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

APPROVAL DATE

APPROVED BY /s/ Duane W. Spencer

TITLE \_\_\_\_\_

DATE FEB - 4 1998

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 - NOS submitted 10-16-97

*HOLD C-104 FOR NSL*  
*NMOCD*

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WILLIAM J. BAKER  
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District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, 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

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

Form C  
Revised February 21, 1997  
Instructions on  
Submit to Appropriate District Of  
State Lease - 4 Co.  
Fee Lease - 3 Co.

97 DEC -4 PM 1:31

☐ AMENDED REPC

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-29530	<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name Blanco Mesaverde
<sup>4</sup> Property Code 6804	<sup>5</sup> Property Name ATLANTIC C	<sup>6</sup> Well Number 6C
<sup>7</sup> GRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	<sup>9</sup> Elevation 6097'

<sup>10</sup> Surface Location

UL or lot no. F	Section 6	Township 30N	Range 10W	Lot Idn	Feet from the 2240	North/South line North	Feet from the 2005	East/West line West	County SAN JU
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<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
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<sup>12</sup> Dedicated Acres W/314.77	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATE  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> 2636.70' 11 10 9 8 2240' 2005' 12 13 NMNM-93313 19 18 17 16 20 21 22 23 5204.76'				<sup>17</sup> OPERATOR CERTIFICATIO I hereby certify that the information contained hereon true and complete to the best of my knowledge and be  Signature Peggy Bradfield Printed Name Regulatory Administrat Title 10-21-97 Date  <sup>18</sup> SURVEYOR CERTIFICATIO I hereby certify that the well location shown on this was plotted from field notes of actual surveys made by or under my supervision, and that the same is true an correct to the best of my belief.  OCTOBER 3, 1997 Date of Survey Signature and Seal of Surveyor NEALE C. EDWARDS NEW MEXICO 6857 6857 Certificate Number	
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U.S. DEPT. OF AGRICULTURE  
WASHINGTON, D.C.

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## OPERATIONS PLAN

**Well Name:** Atlantic C #6C  
**Location:** 2240' FNL, 2005' FWL Section 6, T-30-N, R-10-W  
Rio Arriba County, New Mexico  
Latitude 36° 50.5, Longitude 107° 55.5  
**Formation:** Blanco Mesa Verde  
**Elevation:** 6097' GL

<b><u>Formation Tops:</u></b>	<b><u>Top</u></b>	<b><u>Bottom</u></b>	<b><u>Contents</u></b>
Surface	San Jose	1359'	aquifer
Ojo Alamo	1359'	2249'	aquifer
Fruitland	2249'	2709'	
Pictured Cliffs	2709'	2864'	gas
Lewis	2864'	3419'	gas
<b>Intermediate TD</b>	<b>2964'</b>		
Mesa Verde	3419'	3489'	gas
Chacra	3489'	4265'	
Massive Cliff House	4304'	4509'	gas
Menefee	4509'	4939'	gas
Massive Point Lookout	4939'		gas
<b>Total Depth</b>	<b>5339'</b>		

### **Logging Program:**

Cased hole logging - Gamma Ray Neutron  
Coring/DST - none

### **Mud Program:**

<b><u>Interval</u></b>	<b><u>Type</u></b>	<b><u>Weight</u></b>	<b><u>Vis.</u></b>	<b><u>Fluid Loss</u></b>
0- 200'	Spud	8.4-9.0	40-50	no control
200-2964'	LSND	8.4-9.0	30-60	no control
2964-5339'	Gas/Mist	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):**

<b><u>Hole Size</u></b>	<b><u>Depth Interval</u></b>	<b><u>Csg. Size</u></b>	<b><u>Wt.</u></b>	<b><u>Grade</u></b>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2964'	7"	20.0#	J-55
6 1/4"	2864' - 5339'	4 1/2"	10.5#	J-55

### **Tubing Program:**

0' - 5339'      2 3/8"      4.7#      J-55

### **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**  
Atlantic C #6C  
T30N, R10W

250' BLM New Construction  
T30N, R10W

Section 6: SENW 250'

APD MAP #1

