

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, REOPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078138 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company 14538	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7098 Hartman Com 9. Well Number 6A
4. Location of Well 1500' FNL, 1450' FWL Latitude 36° 48.1, Longitude 107° 57.6	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) F Sec 23, T-30-N, R-11-W API # 30-045-29541
14. Distance in Miles from Nearest Town 2 miles to Aztec	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1450'	17. Acres Assigned to Well 318.63 N/2
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 900'	
19. Proposed Depth 5100'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5974' 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	12/30/97 Date

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

APPROVAL DATE MAR 03 1998

APPROVED BY /s/ Duane W. Spencer

TITLE \_\_\_\_\_

DATE MAR - 3 1998

Archaeological Report submitted

Threatened and Endangered Species Report submitted

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

[Signature]

NMOC

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-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 30-045-29541		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 7098		5 Property Name HARTMAN COM			6 Well Number 6A
7 GRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 5974'

10 Surface Location

UL or lot no. F	Section 23	Township 30N	Range 11W	Lot Idn	Feet from the 1500	North/South line North	Feet from the 1450	East/West line West	County SAN JUAN
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11 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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12 Dedicated Acres MV-N/318.63	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

5208.72'				17 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 12/30/97	
FEE					
2643.30'	1450'	SF-078138		2620.20'	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.  NOVEMBER 5, 1997 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 6857-1170 PROFESSIONAL SURVEYOR Certificate Number
1	2	3	4		
23					
2669.04'	2610.96'	5265.48'			
7	6	5			
8					
9					

RECEIVED  
MAR - 6 1998  
OIL CON. DIV.  
DIST. 3

## OPERATIONS PLAN

**Well Name:** Hartman Com #6A  
**Location:** 1500' FNL, 1450' FWL Section 23, T-30-N, R-11-W  
San Juan County, New Mexico  
Latitude 36° 48.1, Longitude 107° 57.6  
**Formation:** Blanco Mesa Verde  
**Elevation:** 5974' '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	1020'	aquifer
Ojo Alamo	1020'	1136'	aquifer
Kirtland	1136'	2036'	
Fruitland	2036'	2439'	
Pictured Cliffs	2439'	2564'	gas
Lewis	2564'	3168'	gas
<b>Intermediate TD</b>	<b>2664'</b>		
Huerfanito Bentonite	3168'	3230'	
Chacra	3230'	4074'	
Massive Cliff House	4074'	4226'	gas
Menefee	4226'	4732'	gas
Massive Point Lookout	4732'	4632'	gas
Lower Point Lookout	4832'		
<b>Total Depth</b>	<b>5200'</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
200-2664'	LSND	8.4-9.0	30-60	no control
2664-5200'	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>Csq. 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' - 2664'	7"	20.0#	J-55
6 1/4"	2564' - 5200'	4 1/2"	10.5#	J-55

### **Tubing Program:**

0' - 5200'      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**

**Hartman Com #6A  
T30N, R11W**

**900' FEE New Construction  
T30N, R11W**

**Section 23: NWNW 900'**

**APD MAP #1**

**EXISTING  
ROW**

**FEE  
LANDS**

