

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED MAR - 6 1998 OIL CON. DIV. DIST. 3	5. Lease Number SF-078138
1b. Type of Well GAS		Unit Reporting Number
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	7. Unit Agreement Name	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 18932 Morris Com	9. Well Number 102
4. Location of Well 1515' FNL, 1150' FEL Latitude 36° 36' 47.2, Longitude 107° 59.5	10. Field, Pool, Wildcat 72315 Blanco Mesa Verde	11. Sec., Twn, Rge, Mer. (NMPM) Sec 28, T-30-N, R-11-W API # 30-045-29542
14. Distance in Miles from Nearest Town 3 miles to Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1150'	17. Acres Assigned to Well 320.08 E/2	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 600'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 4900'	21. Elevations (DF, FT, GR, Etc.) 6010' GR	
23. Proposed Casing and Cementing Program See Operations Plan attached	22. Approx. Date Work will Start	
24. Authorized by: <u><i>Regan Shadfield</i></u> Regulatory/Compliance Administrator	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" <u>10-30-97</u> Date	

PERMIT NO. _____

APPROVAL DATE 3/4/98

APPROVED BY /s/ Duane W. Spencer

TITLE _____

DATE MAR - 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

NMOC

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

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

Form C-10:
Revised February 21, 1997
Instructions on back
Submit to Appropriate District Office:
State Lease - 4 Copies
Fee Lease - 3 Copies

97 DEC 15 PM 2:07

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-29542	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 18932	⁵ Property Name MORRIS COM	⁶ Well Number 102
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6010'

¹⁰ 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	28	30N	11W		1515	North	1150	East	SAN JUAN

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
¹² Dedicated Acres E/320.08		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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

¹⁶		5195.52'		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
RECEIVED MAR - 6 1998		2		Signature <i>Peggy Bradford</i>	
OIL CON. DIV. DIST. 3		SF-078138		Printed Name Peggy Bradford	
4		5		Regulatory Administrator Title	
11		10		Date 10-30-97	
12		13		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.	
14		15		Date of Survey OCTOBER 15, 1997	
5227.20'		5286.60'		Signature and Seal of Professional Surveyor <i>NEALE C. EDWARDS</i>	
5353.92'		5151.52'		Certificate Number 6837	

OPERATIONS PLAN

Well Name: Morris Com #102
Location: 1515' FNL, 1150' FEL Section 28, T-30-N, R-11-W
Rio Arriba County, New Mexico
Latitude 36° 47.2, Longitude 107° 59.5
Formation: Blanco Mesa Verde
Elevation: 6010' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	927'	aquifer
Ojo Alamo	927'	1006'	aquifer
Kirtland	1006'	1901'	
Fruitland	1901'	2317'	
Pictured Cliffs	2317'	2391'	gas
Lewis	2391'	3039'	gas
Intermediate TD	2491'		
Huerfano Bentonite	3039'	3042'	
Chacra	3042'	3894'	
Massive Cliff House	3894'	4046'	gas
Menefee	4046'	4624'	gas
Massive Point Lookout	4624'	4704'	gas
Lower Point Lookout	4704'		
Total Depth	4900'		

Logging Program:

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

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
200-2491'	LSND	8.4-9.0	30-60	no control
2491-4900'	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):

<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' - 2491'	7"	20.0#	J-55
6 1/4"	2391' - 4900'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 4900' 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.

APD MAP #1

EXISTING
7 ROW