

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 FEB 24 1997 OIL CON. DIV. DIST. 3	5. Lease Number SF-0790503 Unit Reporting Number 8910010510-MV 891001051B-Dk	RECEIVED BLM 97 JAN -1 PM 1:10 070 FARMINGTON, NM
1b. Type of Well GAS		6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	7. Unit Agreement Name San Juan 28-6 Unit		
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7462 San Juan 28-6 Unit 9. Well Number 102M		
4. Location of Well 1050' FSL, 1700' FEL Latitude 36° 37' 40", Longitude 107° 25' 58"	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) O Sec 26, T-28-N, R-6-W API # 30-039-25641		
14. Distance in Miles from Nearest Town 5 miles to Gobernador	12. County Rio Arriba	13. State NM	
15. Distance from Proposed Location to Nearest Property or Lease Line 1050'			
16. Acres in Lease	17. Acres Assigned to Well 320 E/2 320 E/2		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2000'			
19. Proposed Depth 7954'	20. Rotary or Cable Tools Rotary		
21. Elevations (DF, FT, GR, Etc.) 6697' 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" 12-30-96		
24. Authorized by: <u>Duane W. Spencer</u> Regulatory/Compliance Administrator	Date		

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY /s/ Duane W. Spencer TITLE _____ DATE FEB 21 1997

Archaeological Report to be submitted by Arboles Contract Archaeology
Threatened and Endangered Species Report submitted by Ecosphere dated October 1996
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 DD, Artesia, NM 88211-0719
District III
1000 Rio Hondo 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

070 FARMINGTON, NM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25641		Pool Code 72319/71599		Pool Name Blanco Mesavende/Basin Dakota	
Property Code 7462		Property Name San Juan 28-6 Unit		Well Number 102M	
OGRID No. 14538		Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 6697'	

10 Surface Location

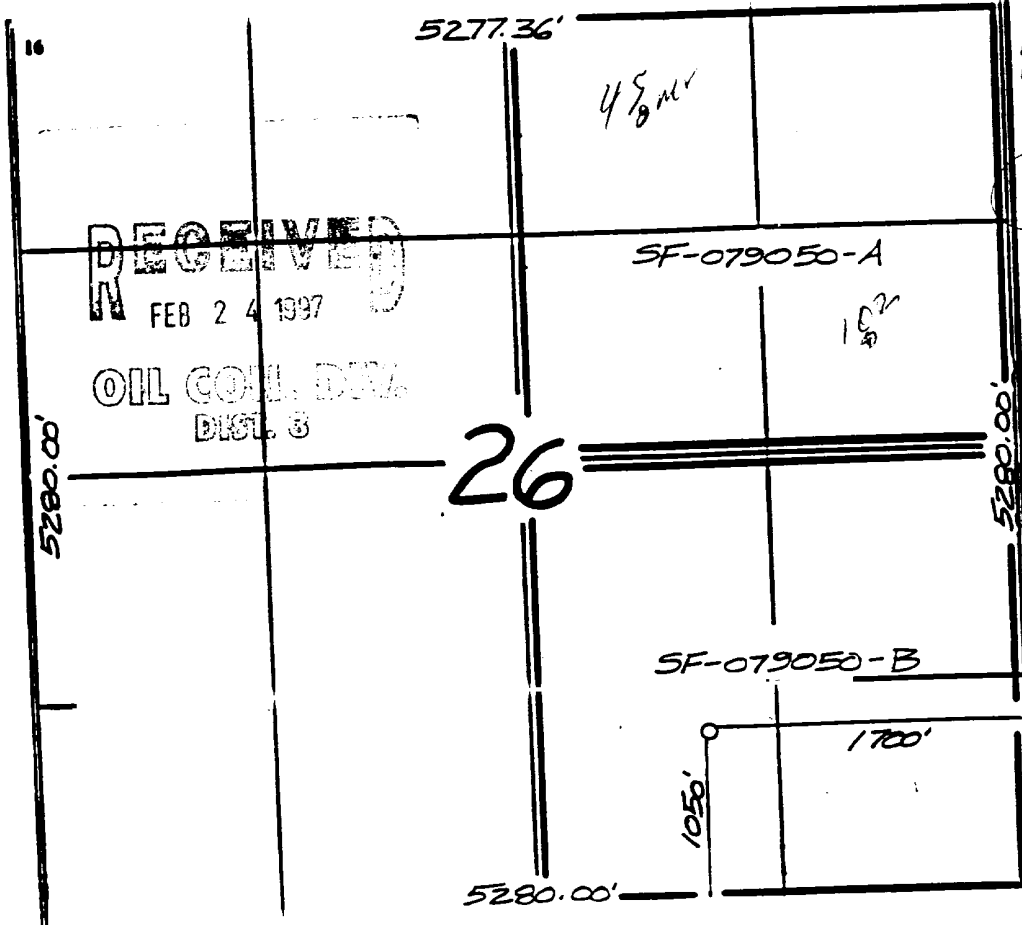
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
O	26	28-N	6-W		1050	South	1700	East	R.A.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres
E/320-E/320

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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Peggy Bradfield
Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
12-30-96
Date

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.

10/16/96

Date of Survey
Signature
HERBERT C. EDWARDS
8857
6857
Certificate No.

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #102M
Location: 1050' FSL, 1700' FEL, Sec 26, T-28-N, R-6-W
 Rio Arriba County, NM
 Latitude 36° 37' 40", Longitude 107° 25' 28"
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6697' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2784'	
Ojo Alamo	2784'	3119'	aquifer
Fruitland	3119'	3491'	gas
Pictured Cliffs	3491'	3569'	gas
Lewis	3569'	4049'	gas
Intermediate TD	3619'		
Mesa Verde	4049'	5149'	gas
Massive Cliff House	5149'	5319'	gas
Menefee	5319'	5659'	gas
Massive Point Lookout	5659'	7624'	gas
Greenhorn	7624'	7734'	gas
Graneros	7734'	7839'	gas
Dakota	7839'		gas
TD (4 1/2" liner)	7954'		

Logging Program:**Mud Program:**

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-8.9	40-50	no control
200-3619'	LSND	8.4-8.9	30-60	no control
3619-7954'	Gas	n/a	n/a	n/a

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

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	36.0#	K-55
8 3/4"	0' - 3619'	7 "	23.0#	CF-50
6 1/4"	3519' - 6855'	4 1/2"	10.5#	K-55
6 1/4"	6855' - 7954'	4 1/2"	11.6#	K-55

Tubing Program:

0' - 7954' 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.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
 After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

Surface to Total Depth -

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

**BURLINGTON
RESOURCES**
**SAN JUAN 28-6 UNIT #102M
T28N, R6W**

**800' New Construction
T28N, R6W**

Section 26: SWSE 800'

APD MAP #1

