


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 SF-078919
1b. Type of Well GAS	Unit Reporting Number 14-08-001-1650
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company 14538	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	7. Unit Agreement Name  San Juan 29-7 Unit
4. Location of Well 825' FSL, 1560' FEL  Latitude 36° 45.0, Longitude 107° 34.3	8. Farm or Lease Name 7465 San Juan 29-7 Unit
	9. Well Number 157
	10. Field, Pool, Wildcat 72359 Blanco Pictured Cliffs EXT
	11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec 4, T-29-N, R-7-W API # 30-039-25709
14. Distance in Miles from Nearest Town 1 mile to Navajo City	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 825'	
16. Acres in Lease	17. Acres Assigned to Well 160 SE/4
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 95'	
19. Proposed Depth 3336'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6204' GR	22. Approx. Date Work will Start 6/24/97
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by:  Regulatory/Compliance Administrator	Date

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

APPROVAL DATE

JUL 03 1997

APPROVED BY **WAYNE TOWNSEND**

TITLE **Reg. Eng.**

DATE **7-9-97**

Archaeological Report submitted by Moore Anthropological Research Report MAR 97-016(b)  
Threatened and Endangered Species Report submitted  
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3



NMOOD

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25704	Pool Code 72359	Pool Name Blanco Pictured Cliffs EXT
Property Code 7465	Property Name San Juan 29-7 Unit	Well Number 157
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6204'

10 Surface Location


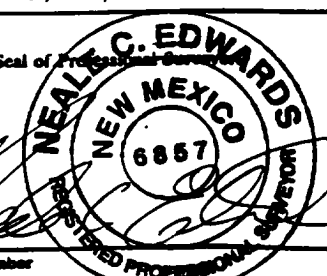
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
O	4	29-N	7-W		825	South	1560	East	R.A.

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 160 E/317.38	13 Joint or Infill	14 Consolidation Code	15 Order No. 160 acres for density purposes for the Pictured C 317.38 acres for Revenue Purposes for the Pict Cl
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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

16	5280.00'	17 OPERATOR CERTIFICATION
8	7	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
6	5	
NMSF-078945		Signature
		Printed Name Peggy Bradfield
		Regulatory Administrator Title
		Date 6/27/97
4		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.
		Date of Survey 5/06/97
		Signature and Seal of Professional Surveyor
5219.94		
OIL CON. DIV. DIST. 3		6857
5242.38		Certificate Number
528		
5287.92		

OPERATIONS PLAN

**Well Name:** San Juan 29-7 Unit #157  
**Location:** 825' FSL, 1560' FEL Section 4, T-29-N, R-7-W  
 Rio Arriba County, New Mexico  
 Latitude 36° 45.0', Longitude 107° 34.3'  
**Formation:** Blanco Pictured Cliffs  
**Elevation:** 6204' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	1979'	
Ojo Alamo	1979'	2186'	aquifer
Kirtland	2186'	2668'	
Fruitland	2668'	3036'	gas
Pictured Cliffs	3036'		gas
Total Depth	3336'		

**Logging Program:** SFL-LDT-APS.

**Coring Program:** 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
200-3336'	LSND	8.4-9.0	40-60	no control

**Casing Program (as listed, 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'	8 5/8"	23.0#	M-50
6 1/4"	0 - 3336'	3 1/2"	7.7#	WC-70

**Tubing Program:** - none

**Float Equipment:** 8 5/8" surface casing - saw tooth guide shoe.  
 Centralizers will be run in accordance with Onshore Order #2.

3 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Six centralizers run every 3rd joint to the base of the Ojo Alamo @ 2186'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2186'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

**Wellhead Equipment:** 8 5/8" x 3 1/2" x 11" 2000 psi screw on independent wellhead.

29-7

29-7  
157

EXISTING  
ROW

**BURLINGTON  
RESOURCES**

San Juan 29-7 Unit #157  
T29N, R7W

No New Construction  
T29N, R7W

Section 4: SWSE Existing ROW

APD MAP #1

GOVERNADOR