

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Well DRILL	5. Lease Number SF-078423
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 1085' FNL, 1040' FEL  Latitude 36° 44.7, Longitude 107° 34.2	8. Farm or Lease Name 7465 San Juan 29-7 Unit
	9. Well Number 155
	10. Field, Pool, Wildcat 72357 Blanco Pictured Cliffs
	11. Sec., Twn, Rge, Mer. (NMPM) Sec 9, T-29-N, R-7-W
	API # 30-039-25710
14. Distance in Miles from Nearest Town 2 mile to Navajo City	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1040'	
16. Acres in Lease	17. Acres Assigned to Well 160 NE/4
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 800'	
19. Proposed Depth 3287'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6160' 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>Wayne Bradfield</u> Regulatory/Compliance Administrator	Date <u>6/27/97</u>

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

APPROVAL DATE JUL 1 1997

APPROVED BY WAYNE TOWNSEND

TITLE Act. Eng.

DATE 7/9/97

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

NMOCD

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer 00, Artesa, 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 t  
Submit to Appropriate District Of  
State Lease - 4 Co  
Fee Lease - 3 Co

☐ AMENDED REPC

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25710	Pool Code 72359	Pool Name Blanco Pictured Cliffs
Property Code 7465	Property Name San Juan 29-7 Unit	Well Number 155
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6160'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
A	9	29-N	7-W		1085	North	1040	East	R.A.

<sup>11</sup> 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

" Dedicated Acres 160	" Joint or infill E/320	" Consolidation Code	" Order No. 160 acres for density purposes for the Pict.Cl: 320 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	5287.92'	NMSF-078423	1085'	1040'	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
RECEIVED JUL 14 1997 OIL CON. DIV. DIST. 3	5280.00'	NMSF-078951	9	5280.00'	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by 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 NEALE C. EDWARDS NEW MEXICO 6857 6857 Certificate Number
5281.32'		NMSF-078399			

OPERATIONS PLAN

**Well Name:** San Juan 29-7 Unit #155  
**Location:** 1085' FNL, 1040' FEL Section 9, T-29-N, R-7-W  
 Rio Arriba County, New Mexico  
 Latitude 36° 44.7', Longitude 107° 34.2'  
**Formation:** Blanco Pictured Cliffs  
**Elevation:** 6157' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	1930'	
Ojo Alamo	1930'	2137'	aquifer
Kirtland	2137'	2619'	
Fruitland	2619'	2987'	gas
Pictured Cliffs	2987'		gas
Total Depth	3287'		

**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
200-3287'	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>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0 - 200'	8 5/8"	23.0#	M-50
6 1/4"	0 - 3287'	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. Seven centralizers run every 3rd joint to the base of the Ojo Alamo @ 2137'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2137'. 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.

