

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-078399 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON RESOURCES</b> 14538 Oil & Gas Company	7. Unit Agreement Name San Juan 29-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 29-7 Unit 9. Well Number 166
4. Location of Well 1810' FNL, 1100' FWL Latitude 36° 42.8, Longitude 107° 32.7	10. Field, Pool, Wildcat Blanco Pic. Cliffs 11. Sec, Twn, Rge, Mer. (NMPM) Sec 23, T-29-N, R-7-W API # 30-039- 25897
14. Distance in Miles from Nearest Town 3 miles from Navajo City	12. County FA 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1100'	17. Acres Assigned to Well 160
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 50'	
19. Proposed Depth 3400 This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6270' 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	Date 4-17-98

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

APPROVAL DATE JUN 18 1998

APPROVED BY S/ Duane W. Spencer

TITLE \_\_\_\_\_

DATE JUN 18 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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

NMOCD

District I  
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-10  
Revised February 21, 1995  
Instructions on back  
appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District II  
PO Drawer CO, Artesia, NM 88211-0719

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

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>30-039 - 25897</b>		*Pool Code <b>72359</b>	*Pool Name <b>Blanco Pictured Cliffs</b>
*Property Code <b>7465</b>	*Property Name <b>SAN JUAN 29-7 UNIT</b>		*Well Number <b>166</b>
*OGRID No. <b>14538</b>	*Operator Name <b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY</b>		*Elevation <b>6270'</b>

<sup>10</sup> Surface Location


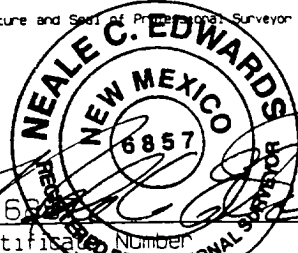
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	23	29N	7W		1810	NORTH	1100	WEST	RIO ARRIBA

<sup>11</sup>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 160 W/320	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

<div>16</div>	<div>17 OPERATOR CERTIFICATION</div>
<div>5268.12'</div> <div>1810'</div> <div>1100'</div> <div>160 acres for density purposes for the Pictured Cliffs</div> <div><del>320 acres for revenue purposes for the Pictured Cliffs</del></div> <div>NMSF-078399</div> <div>5280.00'</div> <div>NMSF-078424</div>	<div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div></div> <div>Signature</div> <div>Peggy Bradford</div> <div>Printed Name</div> <div>Regulatory Administrator</div> <div>Title</div> <div>4-17-98</div>
<div>23</div> <div>RECEIVED</div> <div>JUN 22 1998</div> <div>OIL CON. DIV.</div> <div>DIST. 3</div> <div>5280.00'</div>	<div>Date</div> <div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>MARCH 16, 1998</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor</div> <div></div>
<div>FEE</div> <div>5273.40'</div>	<div>6</div> <div>Certification Number</div>

# OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #166  
 Location: 1810' FNL, 1100' FWL Section 23, T-29-N, R-7-W  
 Rio Arriba County, New Mexico  
 Latitude 36° 42.8', Longitude 107° 32.7'  
 Formation: Blanco Pictured Cliffs  
 Elevation: 6282' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2162'	
Ojo Alamo	2162'	2291'	aquifer
Kirtland	2291'	2768'	
Fruitland	2768'	3069'	gas
Pictured Cliffs	3069'		gas
Total Depth	3400'		

Logging Program: SFL-LDT-APS.

Coring Program: none

## Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200-3400'	LSND	8.4-9.0	40-60	no control

## Casing Program (as listed, equivalent, or better):

Hole Size	Depth Interval	Csq. Size	Wt.	Grade
8 3/4"	0 - 200'	7"	20.0#	K-55
6 1/4"	0 - 3400'	4 1/2"	10.5#	K-55

Tubing Program: - none

Float Equipment: 7" surface casing - saw tooth guide shoe.  
 Centralizers will be run in accordance with Onshore Order #2.

4 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 @ 2291'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2291'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 4 1/2" 2000 psi screw on independent wellhead.

APD MAP #1

NO NEW CONSTRUCTION  
SW/NW SECTION 23, T29N, R7W

