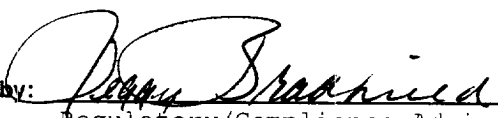


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-0805380 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company 14538	7. Unit Agreement Name San Juan 30-5 Unit 17260
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 30-5 Unit 9. Well Number 261
4. Location of Well 1010' FNL, 1415' FEL Latitude 36° 49' 51", Longitude 107° 19' 32"	10. Field, Pool, Wildcat Basin Ft Coal 11. Sec., Twn, Rge, Mer. (NMPM) 13 Sec 11, T-30-N, R-5-W API # 30-039- 25963
14. Distance in Miles from Nearest Town 60 miles to Bloomfield	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1010'	17. Acres Assigned to Well 320 E/2
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2000'	
19. Proposed Development 2533 3493 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.) 6696' 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:  Regulatory/Compliance Administrator	7-27-98 Date

PERMIT NO. \_\_\_\_\_ APPROVAL DATE AUG 31 1998  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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  
District II  
PO Drawer KK, Aramis, NM 87211-0719  
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-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

33 JUL 31 PM 1:24

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039		Pool Code 71629	Pool Name Basin Fruitland Coal
Property Code 17260	Property Name SAN JUAN 30-5 UNIT		Well Number # 261
OGRIID No. 14538	Operator Name Burlington Resources Oil & Gas Company		Elevation 6696

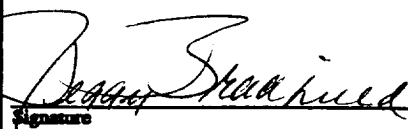
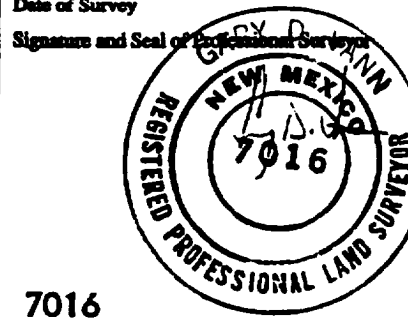
Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	11	30 N	5 W		1010	NORTH	1415	EAST	RIO ARRIBA

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
Dedicated Acres E/320		Joint or Infill	Consolidation Code		Order No.				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>16</div> <div>RECEIVED SEP 3 1998 OIL CON. DIV DIST. 3</div>	5240'(R)	1010'	1415'	<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <div> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 7-30-98 Date</div>	
	5280'(R)	11	NMSF - 080538		<div>18 SURVEYOR CERTIFICATION</div> <p>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.</p> <p>July 8, 1998</p> <p>Date of Survey</p> <div> Signature and Seal of Professional Surveyor 7016 Certificate Number</div>
	5240'(R)				

(R) - GLO Record

# OPERATIONS PLAN

**Well Name:** San Juan 30-5 Unit #261  
**Location:** 1010' FNL, 1415' FEL Section 11, T-30-N, R-5-W  
Latitude 36° 48' 56", Longitude 107° 13' 13"  
Rio Arriba County, NM  
**Formation:** Basin Fruitland Coal  
**Elevation:** 6696' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2888'	
Ojo Alamo	2888'	2988'	aquifer
Kirtland	2988'	3293'	
Fruitland	3293'	3513'	gas
Fruitland Coal	3393'	3483'	gas
**Pictured Cliffs	3513'		
Total Depth	3533'		

*3493*  
\*\*Pictured Cliffs top listed is actually upper PC inner-tongue. Main PC is approximately 150' deeper. Neither the main or inner-tongue is productive in this area and should not be affected by open hole cavitation operations.

**Logging Program:** Mud logs from below 7" to Total Depth.

**Coring Program:** none

## **Mud Program:**

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200-3343'	Non-dispersed	8.4-9.0	30-60	no control
3343-3533'	Air			

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

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3=	K-40
8 3/4"	0' - 3343'	7"	20.0=	K-55
6 1/4"	3243' - 3533'	5 1/2"	15.5=	K-55

## **Tubing Program:**

0' - 3533'	2 3/8"	4.7=	J-55
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**Float Equipment:** 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill float collar. Three centralizers run every fourth joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2988'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

5 1/2" production casing - Pre-drilled liner run to the 7" casing with an overlap. Liner hanger is a slip grip type.

**Wellhead Equipment:** 9 5/8" x 7" x 2 3/8" x 11" 3000 psi xmas tree assembly.

**PHILLIPS  
PETROLEUM**

**SAN JUAN 30-5 UNIT # 261  
NW¼ Section 11  
T30N, R5W, NMPM**

**No New Forest Road Construction**

**APD Map # 1**

**DRILLING  
WINDOWS**

