

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address BURLINGTON RESOURCES OIL & GAS CO PO Box 4289 Farmington, NM 87499		OGRID Number 14538
		API Number 30-045-31828
Property Code 18605	Property Name RATTLESNAKE CANYON	Well No. 104S

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	32	32N	08W		740	S	1535	E	San Juan

**Proposed Pools**

BASIN FRUITLAND COAL (GAS) 71629
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Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type State	Ground Level Elevation 6578
Multiple N	Proposed Depth 3574	Formation Fruitland Coal	Contractor	Spud Date

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	32.3	120	57	0
Int1	8.75	7	20	3246	375	0
Liner1	6.25	5.5	15.5	3574	0	0

**Casing/Cement Program: Additional Comments**

Open hole completion.
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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Peggy Cole

Title: Manager

Date: 07/31/2003

Phone: 505-320-5919

**OIL CONSERVATION DIVISION**

Electronically Approved By: Frank Chavez

Title: District Supervisor

Approval Date: 08/19/2003

Expiration Date: 08/19/2004

Conditions of Approval:  
No Conditions

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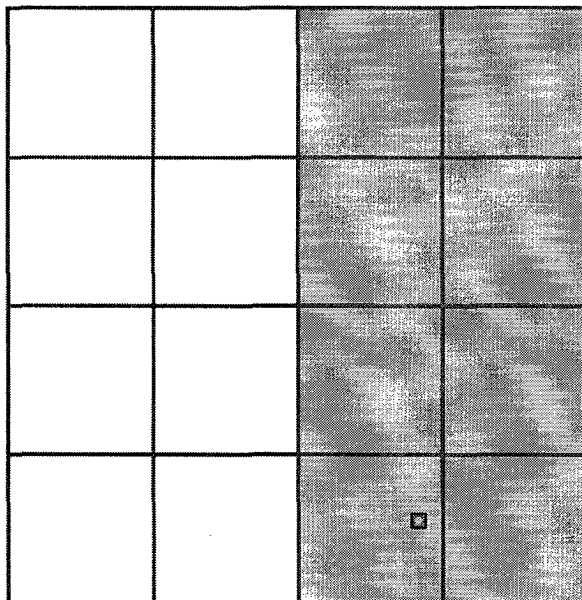
Form C-102

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-045-31828	Pool Name BASIN FRUITLAND COAL (GAS)	Pool Code 71629
Property Code 18605	Property Name RATTLESNAKE CANYON	Well No. 104S
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS CO	Elevation 6578

**Surface And Bottom Hole Location**

UL or Lot O	Section 32	Township 32N	Range 08W	Lot Idn	Feet From 740	N/S Line S	Feet From 1535	E/W Line E	County San Juan
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			



**OPERATOR CERTIFICATION**  
*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*  
Electronically Signed By: Peggy Cole  
Title: Manager  
Date: 07/31/2003

**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.*  
Surveyed By: David A. Johnson  
Date of Survey: 09/20/2002  
Certificate Number: 14827

## Permit Comments

**Operator:** BURLINGTON RESOURCES OIL & GAS CO , 14538

**Well:** RATTLESNAKE CANYON #104S

User Name	Comment	Comment Date
SHAYDEN	APD held pending submission of proof of mailing of notification to offset interests.	8/8/2003
SHAYDEN	OCD received mailing receipts, 8/19/03	8/19/2003