

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 30-039-27570 |
| Property Code 7454 | Property Name SAN JUAN 27 5 UNIT | Well No. 090N |

Surface Location

| UL or Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|-----------|---------|----------|-------|---------|-----------|----------|-----------|----------|------------|
| I | 16 | 27N | 05W | I | 1710 | S | 305 | E | Rio Arriba |

Proposed Pools

| |
|---------------------------------------|
| BASIN DAKOTA (PRORATED GAS) 71599 |
| BLANCO-MESAVERDE (PRORATED GAS) 72319 |

| | | | | |
|-----------------------|------------------------|-------------------------------|---------------------|--------------------------------|
| Work Type New Well | Well Type GAS | Cable/Rotary | Lease Type State | Ground Level Elevation 6643 |
| Multiple Y | Proposed Depth 7876 | Formation Dakota Formation | 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 | 80 | 0 |
| Int1 | 8.75 | 7 | 20 | 3765 | 427 | 0 |
| Prod | 6.25 | 4.5 | 10.5 | 7800 | 283 | 3665 |
| Prod | 6.25 | 4.5 | 11.6 | 7876 | 0 | |

Casing/Cement Program: Additional Comments

| |
|--|
| Sacks of cement for production casing is calculated in 4 1/2 10.5# casing. |
|--|

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: Nancy Oltmanns

Title: Senior Staff Specialist

Date: 01/13/2004

Phone: 505-326-9891

OIL CONSERVATION DIVISION

Electronically Approved By: Frank Chavez

Title: District Supervisor

Approval Date: 01/15/2004

Expiration Date: 01/15/2005

Conditions of Approval:

No Conditions

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Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|----------------------------|--|--------------------|
| API Number 30-039-27570 | Pool Name BASIN DAKOTA (PRORATED GAS) | Pool Code 71599 |
| Property Code 7454 | Property Name SAN JUAN 27 5 UNIT | Well No. 090N |
| OGRID No. 14538 | Operator Name BURLINGTON RESOURCES OIL & GAS CO | Elevation 6643 |

Surface And Bottom Hole Location

| | | | | | | | | | |
|------------------------|---------------|-----------------|--------------|--------------------|-------------------|---------------|------------------|---------------|----------------------|
| UL or Lot I | Section 16 | Township 27N | Range 05W | Lot Idn I | Feet From 1710 | N/S Line S | Feet From 305 | E/W Line E | County Rio Arriba |
| 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: Nancy Oltmanns

Title: Senior Staff Specialist

Date: 01/13/2004

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 JOHNSON

Date of Survey: 10/16/2003

Certificate Number: 14827

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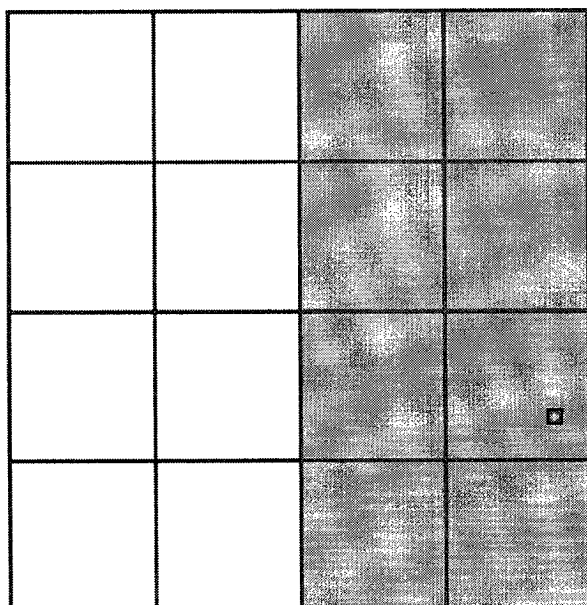
Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|----------------------------|--|--------------------|
| API Number 30-039-27570 | Pool Name BLANCO-MESAVERDE (PRORATED GAS) | Pool Code 72319 |
| Property Code 7454 | Property Name SAN JUAN 27 5 UNIT | Well No. 090N |
| OGRID No. 14538 | Operator Name BURLINGTON RESOURCES OIL & GAS CO | Elevation 6643 |

Surface And Bottom Hole Location

| | | | | | | | | | |
|------------------------|---------------|-----------------|--------------|--------------------|-------------------|---------------|------------------|---------------|----------------------|
| UL or Lot K | Section 16 | Township 27N | Range 05W | Lot Idn I | Feet From 1710 | N/S Line S | Feet From 305 | E/W Line E | County Rio Arriba |
| Dedicated Acres 320 | | Joint or Infill | | Consolidation Code | | Order No. | | | |

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