

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101  
August 1, 2011  
Permit 137618

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|                                                                                                                          |                                        |                               |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------|
| 1. Operator Name and Address<br>BURLINGTON RESOURCES OIL & GAS COMPANY LP<br>3401 E. 30TH STREET<br>FARMINGTON, NM 87402 |                                        | 2. OGRID Number<br>14538      |
|                                                                                                                          |                                        | 3. API Number<br>30-039-31087 |
| 4. Property Code<br>7465                                                                                                 | 5. Property Name<br>SAN JUAN 29 7 UNIT | 6. Well No.<br>129N           |

**7. Surface Location**

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County     |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|------------|
| I        | 17      | 29N      | 07W   | I       | 1624      | S        | 980       | E        | RIO ARriba |

**8. Pool Information**

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

**Additional Well Information**

|                          |                            |                                        |                         |                                    |
|--------------------------|----------------------------|----------------------------------------|-------------------------|------------------------------------|
| 9. Work Type<br>New Well | 10. Well Type<br>GAS       | 11. Cable/Rotary                       | 12. Lease Type<br>State | 13. Ground Level Elevation<br>6682 |
| 14. Multiple<br>Y        | 15. Proposed Depth<br>7932 | 16. Formation<br>Dakota Formation      | 17. Contractor          | 18. Spud Date                      |
| Depth to Ground water    |                            | Distance from nearest fresh water well |                         | Distance to nearest surface water  |

**19. Proposed Casing and Cement Program**

| Type | Hole Size | Casing Type | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 12.25     | 9.625       | 32.3             | 200           | 108             | 0             |
| Int1 | 8.75      | 7           | 23               | 4294          | 957             | 0             |
| Prod | 6.25      | 4.5         | 10.5             | 7932          | 531             | 4194          |

**Casing/Cement Program: Additional Comments**

This is a Type 3 well as indicated in the BR/COPC Master Drilling Plan. Cement volumes are indicated in cubic feet instead of sacks. The C144 will be submitted after the APD is approved. Location is within the MV & DK Participating Area.

**Proposed Blowout Prevention Program**

| Type      | Working Pressure | Test Pressure | Manufacturer |
|-----------|------------------|---------------|--------------|
| DoubleRam | 2000             | 2000          | Schafer      |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                  |                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .<br>Printed Name: Electronically filed by Patsy Clugston<br>Title: Senior Regulatory Specialist<br>Email Address: patsy.l.clugston@conocophillips.com<br>Date: 9/20/2011   Phone: 505-326-9518 | <b>OIL CONSERVATION DIVISION</b> |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Approved By: Charlie Perrin      |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Title: District Supervisor       |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Approved Date: 10/12/2011        | Expiration Date: 10/12/2013 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Conditions of Approval Attached  |                             |

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
August 1, 2011  
Permit 137618

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                               |                                                               |                                                 |
|-------------------------------|---------------------------------------------------------------|-------------------------------------------------|
| 1. API Number<br>30-039-31087 | 2. Pool Code<br>72319                                         | 3. Pool Name<br>BLANCO-MESAVERDE (PRORATED GAS) |
| 4. Property Code<br>7465      | 5. Property Name<br>SAN JUAN 29 7 UNIT                        | 6. Well No.<br>129N                             |
| 7. OGRID No.<br>14538         | 8. Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY LP | 9. Elevation<br>6682                            |

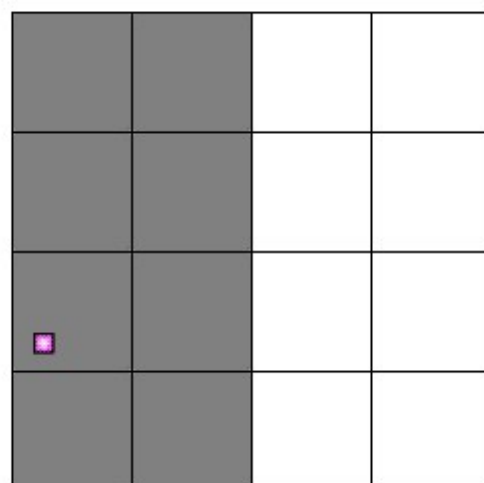
**10. Surface Location**

|               |               |                 |              |         |                   |               |                  |               |                      |
|---------------|---------------|-----------------|--------------|---------|-------------------|---------------|------------------|---------------|----------------------|
| UL - Lot<br>I | Section<br>17 | Township<br>29N | Range<br>07W | Lot Idn | Feet From<br>1624 | N/S Line<br>S | Feet From<br>980 | E/W Line<br>E | County<br>RIO ARRIBA |
|---------------|---------------|-----------------|--------------|---------|-------------------|---------------|------------------|---------------|----------------------|

**11. Bottom Hole Location If Different From Surface**

|                                                    |               |                     |              |                        |                   |               |                  |               |                      |
|----------------------------------------------------|---------------|---------------------|--------------|------------------------|-------------------|---------------|------------------|---------------|----------------------|
| 11. Bottom Hole Location If Different From Surface |               |                     |              |                        |                   |               |                  |               |                      |
| UL - Lot<br>L                                      | Section<br>16 | Township<br>29N     | Range<br>07W | Lot Idn<br>L           | Feet From<br>1650 | N/S Line<br>S | Feet From<br>340 | E/W Line<br>W | County<br>RIO ARRIBA |
| 12. Dedicated Acres<br>320.00                      |               | 13. Joint or Infill |              | 14. Consolidation Code |                   |               | 15. Order No.    |               |                      |

**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**



**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

E-Signed By: Patsy Clugston  
Title: Senior Regulatory Specialist  
Date: 9/20/2011

**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 Russell  
Date of Survey: 3/7/2011  
Certificate Number: 10201



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Form C-102  
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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                               |                                                               |                                             |
|-------------------------------|---------------------------------------------------------------|---------------------------------------------|
| 1. API Number<br>30-039-31087 | 2. Pool Code<br>71599                                         | 3. Pool Name<br>BASIN DAKOTA (PRORATED GAS) |
| 4. Property Code<br>7465      | 5. Property Name<br>SAN JUAN 29 7 UNIT                        | 6. Well No.<br>129N                         |
| 7. OGRID No.<br>14538         | 8. Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY LP | 9. Elevation<br>6682                        |

**10. Surface Location**

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County     |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|------------|
| I        | 17      | 29N      | 07W   |         | 1624      | S        | 980       | E        | RIO ARRIBA |

**11. Bottom Hole Location If Different From Surface**

| UL - Lot                      | Section | Township            | Range | Lot Idn                | Feet From | N/S Line      | Feet From | E/W Line | County     |
|-------------------------------|---------|---------------------|-------|------------------------|-----------|---------------|-----------|----------|------------|
| L                             | 16      | 29N                 | 07W   | L                      | 1650      | S             | 340       | W        | RIO ARRIBA |
| 12. Dedicated Acres<br>320.00 |         | 13. Joint or Infill |       | 14. Consolidation Code |           | 15. Order No. |           |          |            |

**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**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <table border="1" style="width: 100%; height: 150px; border-collapse: collapse;"> <tr><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> <tr><td style="height: 40px; background-color: #cccccc;"></td><td style="height: 40px; background-color: #cccccc;"></td><td style="height: 40px; background-color: #cccccc;"></td><td style="height: 40px; background-color: #cccccc;"></td></tr> <tr><td style="height: 40px; background-color: #cccccc;"></td><td style="height: 40px; background-color: #cccccc;"></td><td style="height: 40px; background-color: #cccccc;"></td><td style="height: 40px; background-color: #cccccc;"></td></tr> </table> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: Patsy Clugston<br/>Title: Senior Regulatory Specialist<br/>Date: 9/20/2011</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: David Russell<br/>Date of Survey: 3/7/2011<br/>Certificate Number: 10201</p> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Permit Comments

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP , 14538

Well: SAN JUAN 29 7 UNIT #129N

API: 30-039-31087

| Created By | Comment                                                             | Comment Date |
|------------|---------------------------------------------------------------------|--------------|
| CPerrin    | Surface Disturbance filed with BLM 10-05-2011 per Arlene Kellywood. | 10/12/2011   |

## Permit Conditions of Approval

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP , 14538

Well: SAN JUAN 29 7 UNIT #129N

API: 30-039-31087

| OCD Reviewer | Condition                                           |
|--------------|-----------------------------------------------------|
| CPerrin      | Will require Directional Survey and as drilled plat |