



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

July 23, 1998

Burlington Resources Oil & Gas Company  
P. O. Box 4289  
Farmington, New Mexico 87499-4289

Attention: Peggy Bradfield

*Re: Application submitted to the New Mexico Oil Conservation Division ("Division") on July 14, 1998 for administrative approval to drill the San Juan "27-5" Unit Well No. 85-E (API No. 30-039-25829) at an unorthodox gas well location 795 feet from the North line and 2435 feet from the West line (Lot 3/Unit C) of Section 5, Township 27 North, Range 5 West, NMPM, Basin-Dakota Pool, Rio Arriba County, New Mexico.*

Dear Ms. Bradfield:

In reviewing the subject application and the records of the Division, the Division Find That:

- (1) A standard 319.81-acre gas spacing and proration unit exists for the Basin-Dakota Pool that comprises Lots 3 and 4, the S/2 NW/4, and the SW/4 (W/2 equivalent) of said Section 5 and is currently dedicated to Burlington Resources Oil & Gas Company's ("Burlington") San Juan "27-5" Unit Well No. 85 (API No. 30-039-82359), located at a standard gas well location 1850 feet from the South line and 1450 feet from the West line (Unit K) of said Section 5;
- (2) In February 1998 Burlington submitted to the U. S. Bureau of Land Management an *Application for Permit to Drill* ("APD") for the San Juan "27-5" Unit Well No. 85-E to be drilled as an infill Basin-Dakota gas well within this unit at a standard gas well location 1075 feet from the North line and 825 feet from the West line (Lot 4/Unit D) of said Section 5;
- (3) On April 17, 1998 the U. S. Bureau of Land Management ("BLM") approved the APD;
- (4) Burlington now intends to move its BLM approved infill Basin-Dakota gas well location for the San Juan "27-5" Unit Well No. 85-E to an unorthodox infill gas well location 795 feet from the North line and 2435 feet from the West line (Lot 3/Unit D) of said Section 5 for the following reasons:
  - (i) "terrain"
  - (ii) "the presence of existing pipelines"

Burlington Resources Oil & Gas Company

July 24, 1998

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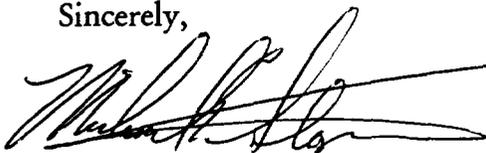
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- (iii) "the presence of existing powerlines"
  - (iv) Burlington's "anticipated" Blanco-Mesaverde Pool "increased density program in the future";
- (5) Since the original location for the San Juan "27-5" Unit Well No. 85-E was standard and had subsequently been approved by the BLM, Burlington's claim that the unorthodox location is necessitate by terrain, existing pipelines, and existing powerlines is obviously invalid and unsubstantiated;
- (6) the "anticipated" Blanco-Mesaverde Pool "increased density program in the future" claim can only be construed as "geologic";
- (7) even without the required support data, this geologic claim appears to apply only to the shallower Mesaverde formation and has no bearing on the deeper Basin-Dakota development within this unit.

**IT IS THEREFORE ORDERED BY THE DIVISION THAT:**

The administrative application by Burlington Resources Oil & Gas Company to drill its San Juan "27-5" Unit Well No. 85-E at an infill Basin-Dakota gas well within the existing 319.81-acre unit comprising the W/2 equivalent of Section 5, Township 27 North, Range 5 west, NMPM, Lea County, New Mexico at any location other than the previously BLM approved standard location 1075 feet from the North line and 825 feet from the West line (Lot 4/Unit D) of said Section 5 be denied.

Sincerely,



Michael E. Stogner  
Chief Hearing Officer/Engineer

MES/kv

cc: New Mexico Oil Conservation Division - Aztec  
W. Thomas Kellahin, Legal Counsel for Burlington Resources - Santa Fe  
Ms. Lori Wrotenbery, Director - NMOCD, Santa Fe  
Kathy Valdes - NMOCD, Santa Fe  
U. S. Bureau of Land Management - Farmington

# BURLINGTON RESOURCES

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SAN JUAN DIVISION

July 13, 1998

Sent Federal Express

Ms. Lori Wrotenbery, Director  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Re: San Juan 27-5 Unit #85E  
795'FNL, 2435'FWL, Section 5, T-27-N, R-5-W, Rio Arriba County, New Mexico  
30-039-25829

Dear Ms. Wrotenbery:

Burlington Resources is applying for administrative approval of an unorthodox "infill" gas well location for the Dakota pool. This application for the referenced location is due to terrain, and the presence of existing pipelines and powerlines. An application for permit to drill was approved by the Bureau of Land Management at 1075'FNL, 825'FWL in April 1998. However, Burlington has now relooked at Section 5 and determined that if the well is drilled at 795'FNL, 2435'FWL as a Dakota in 1998, the wellbore can be used to add the Mesa Verde for our anticipated increased density program in the future; therefore, not creating additional surface disturbance.

Production from the Basin Dakota pool is to be included in an existing standard 319.81 acre gas spacing and proration unit comprising the W/2 of said Section 5 which is currently dedicated to Burlington Resources' San Juan 27-5 Unit #85 (API 30-039- 82359), located at a standard gas well location of 1850'S, 1450'W of said Section 5 (Unit K).

The following attachments are for your review:

1. Application for Permit to Drill.
2. Completed C-102 at referenced location.
3. Offset operators/owners plat – Burlington is the operator of the unit.
4. 7.5 minute topographic map showing the orthodox windows, and enlargement of the map to define topographic features.

We appreciate your earliest consideration of this application.

Sincerely,



Peggy Bradfield  
Regulatory/Compliance Administrator

xc: NMOCD - Aztec District Office  
Bureau of Land Management – Farmington District Office

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED  
ELM  
APR 13 PM 1:36  
BURLINGTON, NM

|   |  |
|---|--|
| <p>1a. Type of Work<br/>DRILL</p>   | <p>5. Lease Number<br/>SF-079393<br/>Unit Reporting Number</p>   |
| <p>1b. Type of Well<br/>GAS</p>   | <p>6. If Indian, All. or Tribe</p>   |
| <p>2. Operator<br/><b>BURLINGTON RESOURCES</b> Oil &amp; Gas Company</p>  | <p>7. Unit Agreement Name<br/>San Juan 27-5 Unit</p>   |
| <p>3. Address &amp; Phone No. of Operator<br/>PO Box 4289, Farmington, NM 87499<br/><br/>(505) 326-9700</p>   | <p>8. Farm or Lease Name<br/>San Juan 27-5 Unit</p> <p>9. Well Number<br/>85E</p>  |
| <p>4. Location of Well<br/>1075' FNL, 825' FWL<br/><br/>Latitude 36° 36.5, Longitude 107° 23.3</p>  | <p>10. Field, Pool, Wildcat<br/>Basin Dakota</p> <p>11. Sec., Twn, Rge, Mer. (NMPM)<br/>Sec 5, T-27-N, R-5-W<br/>API # 30-039-</p> |
| <p>14. Distance in Miles from Nearest Town<br/>40 miles to Blanco</p>   | <p>12. County<br/>Rio Arriba</p> <p>13. State<br/>NM</p>   |
| <p>15. Distance from Proposed Location to Nearest Property or Lease Line<br/>825'</p>   | <p>17. Acres Assigned to Well<br/>319.81 W/2</p>   |
| <p>16. Acres in Lease<br/>This well is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.</p> |  |
| <p>18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease<br/>100'</p>  | <p>20. Rotary or Cable Tools<br/>Rotary</p>  |
| <p>19. Proposed Depth<br/>7822'<br/>DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"</p>                 |  |
| <p>21. Elevations (DF, FT, GR, Etc.)<br/>6570' GR</p>   | <p>22. Approx. Date Work will Start</p>  |
| <p>23. Proposed Casing and Cementing Program<br/>See Operations Plan attached</p>   |  |
| <p>24. Authorized by: <u><i>Debra Bradfield</i></u><br/>Regulatory/Compliance Administrator</p>   | <p><u>2/12/97</u><br/>Date</p>   |

PERMIT NO. \_\_\_\_\_ APPROVAL DATE APR 17 1998

APPROVED BY *Thomas Speer* TITLE *Team Lead* DATE \_\_\_\_\_

Archaeological Report to be submitted by Arboles Contract Arch  
Threatened & Endangered Species Report submitted by Ecosphere

**OPERATOR**

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

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

District III  
2000 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

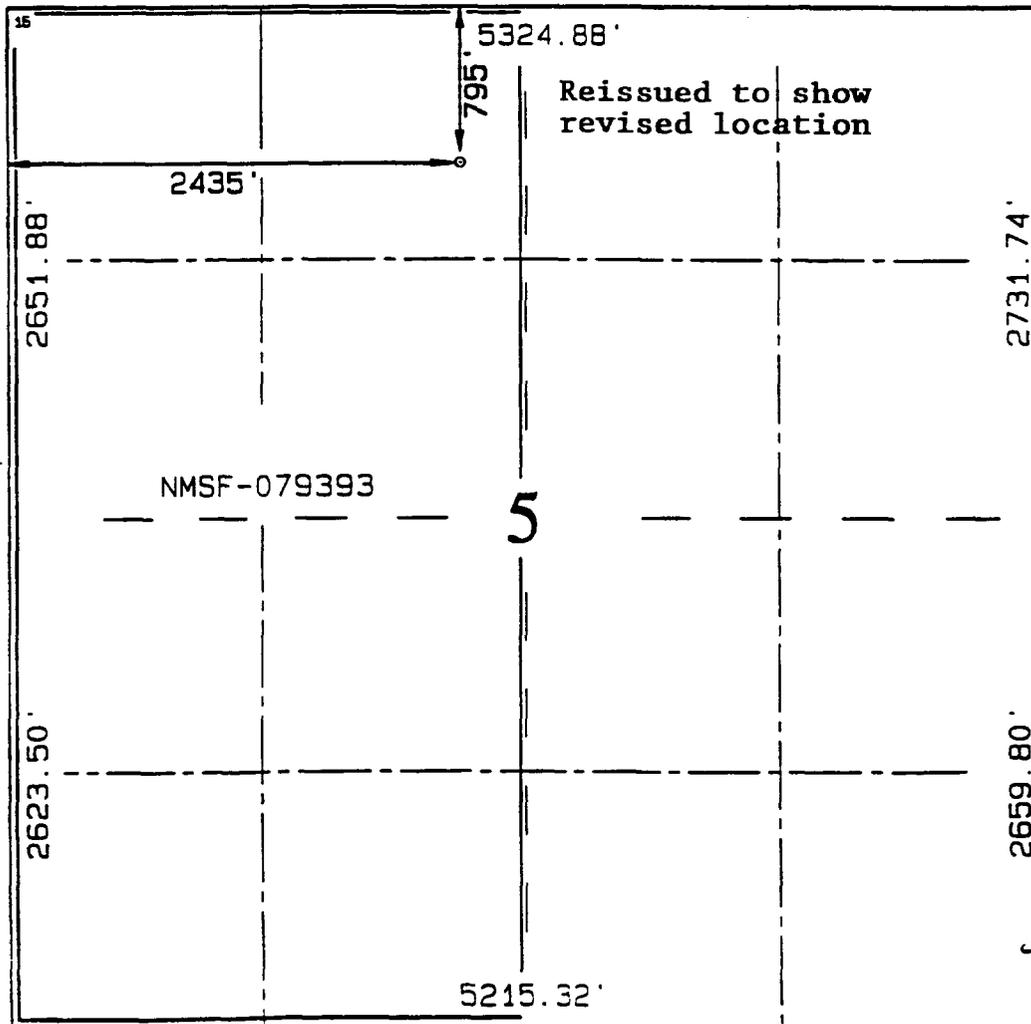
Form C-  
Revised February 21, 1988  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Cop  
Fee Lease - 3 Cop

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|   |              |  |             |                            |                      |                           |                       |                        |                    |
|---|--------------|--|-------------|----------------------------|----------------------|---------------------------|-----------------------|------------------------|--------------------|
| 'API Number<br>30-039-                            |              | 'Pool Code<br>71599                                      |             | 'Pool Name<br>Basin Dakota |                      |                           |                       |                        |                    |
| 'Property Code<br>7454                            |              | 'Property Name<br>SAN JUAN 27-5 UNIT                     |             |                            |                      |                           |                       | 'Well Number<br>85E    |                    |
| 'GRID No.<br>14538                                |              | 'Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY |             |                            |                      |                           |                       | 'Elevation<br>6640'    |                    |
| 10 Surface Location                               |              |  |             |                            |                      |                           |                       |                        |                    |
| UL or lot no.<br>C                                | Section<br>5 | Township<br>27N  | Range<br>5W | Lot 1/4                    | Feet from the<br>795 | North/South line<br>NORTH | Feet from the<br>2435 | East/West line<br>WEST | County<br>RIO ARRI |
| 11 Bottom Hole Location If Different From Surface |              |  |             |                            |                      |                           |                       |                        |                    |
| UL or lot no.                                     | Section      | Township   | Range       | Lot 1/4                    | Feet from the        | North/South line          | Feet from the         | East/West line         | County             |
| 12 Dedicated Acres<br>W/319.81                    |              | 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



17 OPERATOR CERTIFICATION  
I hereby certify that the information contained here is true and complete to the best of my knowledge and belief.

Signature  
Peggy Bradfield  
Printed Name  
Regulatory Administrator  
Title  
7-6-98  
Date

18 SURVEYOR CERTIFICATION  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made or under my supervision and that the same are true and correct to the best of my belief.

JUNE 17, 1998  
Date of Survey

Signature and Seal of Professional Surveyor  
NEALEG EDWARDS  
NEW MEXICO  
6857  
6857  
Certificate Number



**BURLINGTON RESOURCES OIL AND GAS COMPANY**

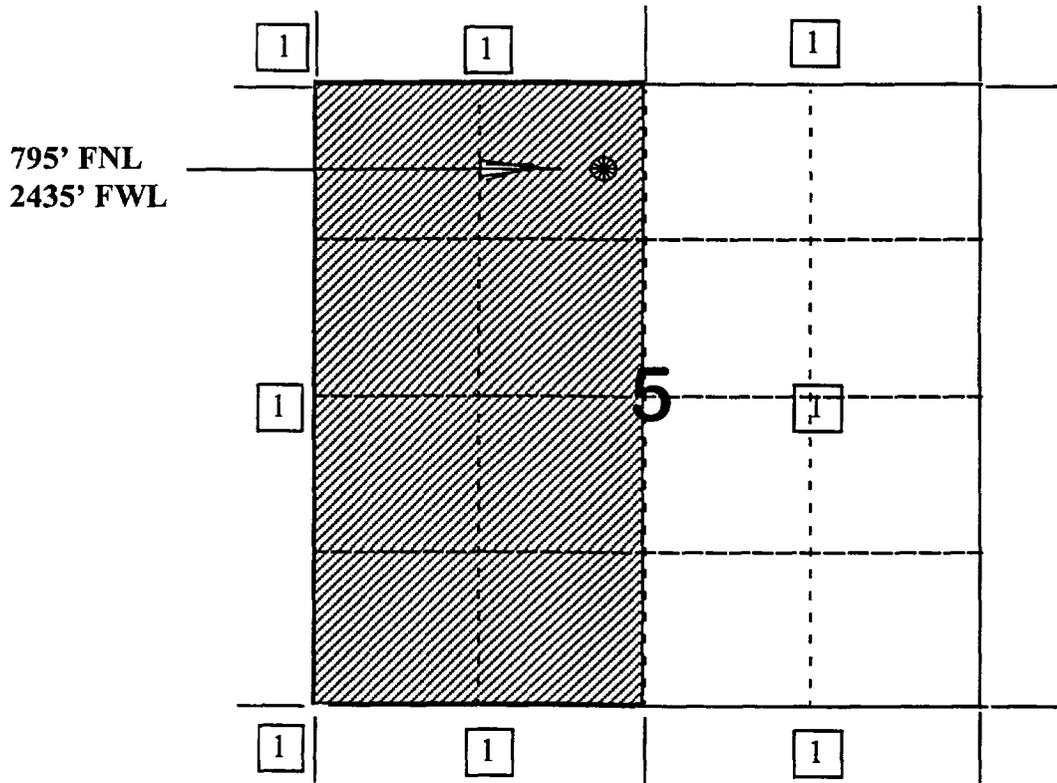
**San Juan 27-5 Unit #85E**

**OFFSET OPERATOR/OWNER PLAT**

**Dakota Formation**

**Nonstandard Location**

**Township 27 North, Range 5 West**



1) Burlington Resources

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT #85E  
795' FNL & 2435' FWL, SECTION 5, T27N, R5W, N.M.P.M.  
RIO ARRIBA COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION  
NE/NW SECTION 5, T27N, R5W

EXISTING  
R.O.W.

MESA

PIPELINE

