

**BURLINGTON**  
**RESOURCES**  
San Juan Division

P.MESD-534830524

Suspense Date - 12-28-2005

Sent Federal Express

December 6, 2005

RECEIVED

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87504

DEC 08 2005

Re: Day State #2M  
Unit B, 295' FNL & 2180' FEL, Sec. 32, T32N, R11W, San Juan County  
30-045-33148

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

Dear Mr. Stogner:

Burlington Resources proposes to drill the above referenced well location as a commingled well in the Mesaverde and Dakota formations and is applying for administrative approval of an unorthodox gas well location for the Blanco Mesaverde and the Basin Dakota formations. The primary reason for the non-standard staking of this proposed well is the steep and rugged terrain encompassing a majority of the area within the legal spacing window for these formations. We also needed to stay away from the drainage patterns from the Day State 1A and 2E wells in the E/2NE. As a result, no suitable location could be found within the window. The proposed well is located on an existing access road.

The subject well has therefore been staked 295' FNL & 2180' FEL due to extreme topographic relief within the legal spacing window for the Mesaverde and the Dakota formations, as shown on the attached topography map.

The following attachments are for your review:

- > Approved application for Permit to Drill and C-102 at referenced location
- > Offset operators plat
- > Topographic Map
- > Aerial Map

Copies of this application are being submitted to offset operator / working interest owners by certified mail. Please let me know if you have any questions about this application.

Sincerely,



Joni Clark  
Senior Regulatory Specialist

Re: Day State 2M  
295' FNL & 2180' FEL, Section 32, T32N, R11W, San Juan County  
30-045-33148

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard well location of the above well.

Offset Operators

BP America Production Company  
Attn: Karen Clay  
San Juan BU  
West Lake 1 Room 19.179  
501 Westlake Park Blvd.  
Houston, TX 77079

RECEIVED

SEP 08 2005

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

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  
Permit 11701

**APPLICATION FOR PERMIT TO DRILL**

|   |                            |                            |
|---|----------------------------|----------------------------|
| Operator Name and Address<br>BURLINGTON RESOURCES OIL & GAS COMPANY LP<br>PO Box 4289<br>Farmington, NM 87499 |                            | OGRID Number<br>14538      |
|   |                            | API Number<br>30-045-33148 |
| Property Code<br>18511  | Property Name<br>DAY STATE | Well No.<br>002M           |

**Surface Location**

| UL or Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County   |
|-----------|---------|----------|-------|---------|-----------|----------|-----------|----------|----------|
| B         | 32      | 32N      | 11W   | B       | 295       | N        | 2180      | E        | San Juan |

**Proposed Pools**

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

|                       |                        |                               |                     |                                |
|-----------------------|------------------------|-------------------------------|---------------------|--------------------------------|
| Work Type<br>New Well | Well Type<br>GAS       | Cable/Rotary                  | Lease Type<br>State | Ground Level Elevation<br>6444 |
| Multiple<br>Y         | Proposed Depth<br>7744 | Formation<br>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           | 103             | 0             |
| Intl | 8.75      | 7           | 20               | 3379          | 386             | 0             |
| Prod | 6.25      | 4.5         | 10.5             | 7744          | 273             | 3279          |

**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: Joni Clark

Title: Specialist

Date: 06/06/2005

Phone: 505-326-9701

**OIL CONSERVATION DIVISION**

Electronically Approved By: Charlie Perrin

Title: District Supervisor

Approval Date: 06/07/2005 | Expiration Date: 06/07/2006

Conditions of Approval:  
There are conditions. See Attached.

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

DISTRICT II  
811 South First, Artesia, N.M. 88210

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

AMENDED REPORT

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                     |  |   |  |   |                                 |
|-------------------------------------|--|---|--|---|---------------------------------|
| <sup>1</sup> AFI Number<br>30-045-  |  | <sup>2</sup> Pool Code<br>72319/71599                                     |  | <sup>3</sup> Pool Name<br>Blanco Mesaverde/Basin Dakota |                                 |
| <sup>4</sup> Property Code<br>18511 |  | <sup>5</sup> Property Name<br>DAY STATE                                   |  |   | <sup>6</sup> Well Number<br>2M  |
| <sup>7</sup> OGRID No.<br>14538     |  | <sup>8</sup> Operator Name<br>BURLINGTON RESOURCES OIL AND GAS COMPANY LP |  |   | <sup>9</sup> Elevation<br>6444' |

<sup>10</sup> Surface Location

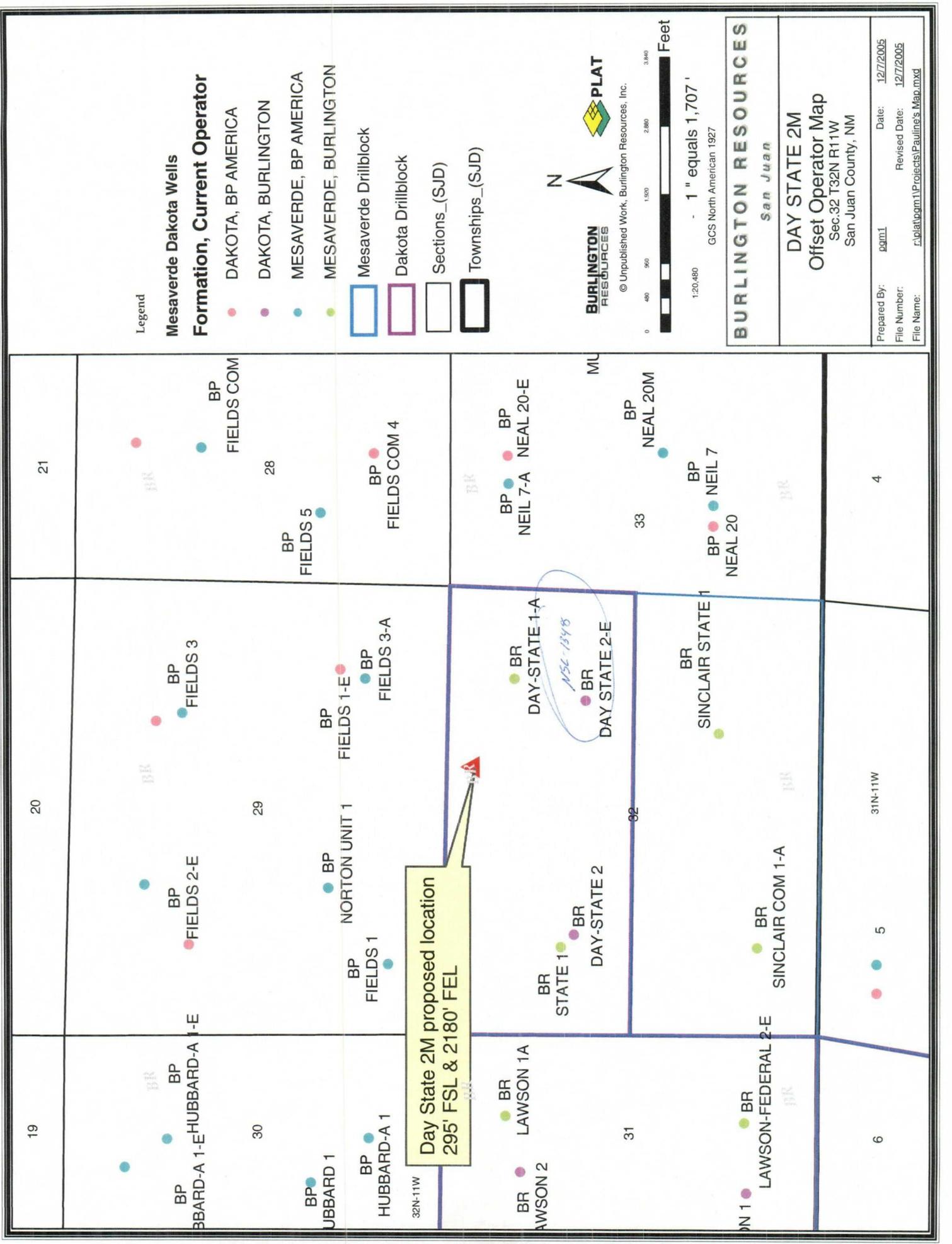
| UL or lot no. | Section | Township | Range | Lot | Feet from the | North/South line | Feet from the | East/West line | County   |
|---------------|---------|----------|-------|-----|---------------|------------------|---------------|----------------|----------|
| B             | 32      | 32-N     | 11-W  |     | 295'          | NORTH            | 2180'         | EAST           | SAN JUAN |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no.                                  | Section | Township | Range | Lot | Feet from the                 | North/South line | Feet from the                    | East/West line | County                  |
|--|---------|----------|-------|-----|-------------------------------|------------------|----------------------------------|----------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>MV/DK-320 N/2 |         |          |       |     | <sup>13</sup> Joint or Infill |                  | <sup>14</sup> Consolidation Code |                | <sup>15</sup> 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

|  |   |
|--|---|
| <p><sup>16</sup></p> <p>LAT: 36°56.8780' N.<br/>LONG: 106°00.5797' W.<br/>NAD 1927</p> <p>ST OF NM B-11505-60</p> <p>32</p> <p>Standard 640-acre Section</p> | <p><b>17 OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Frances Bond</u><br/>Signature</p> <p>Frances Bond<br/>Printed Name</p> <p>Regulatory Specialist<br/>Title</p> <p>Date</p>   |
| <p><i>At</i></p>   | <p><b>18 SURVEYOR CERTIFICATION</b></p> <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>Date of Survey <u>5-4-05</u></p> <p><u>Glen W. Fliggell</u><br/>Signature</p> <p><br/>GLEN W. FLIGGELL<br/>NEW MEXICO<br/>LICENSED PROFESSIONAL SURVEYOR<br/>15703</p> <p><u>Glen W. Fliggell</u><br/>Certificate Number</p> <p>15703</p> |



**Legend**

**Mesaverde Dakota Wells Formation, Current Operator**

- DAKOTA, BP AMERICA
- DAKOTA, BURLINGTON
- MESAVERDE, BP AMERICA
- MESAVERDE, BURLINGTON

- ▭ Mesaverde Drillblock
- ▭ Dakota Drillblock
- ▭ Sections\_(SJD)
- ▭ Townships\_(SJD)



1:20,480  
1" equals 1,707'  
GCS North American 1927

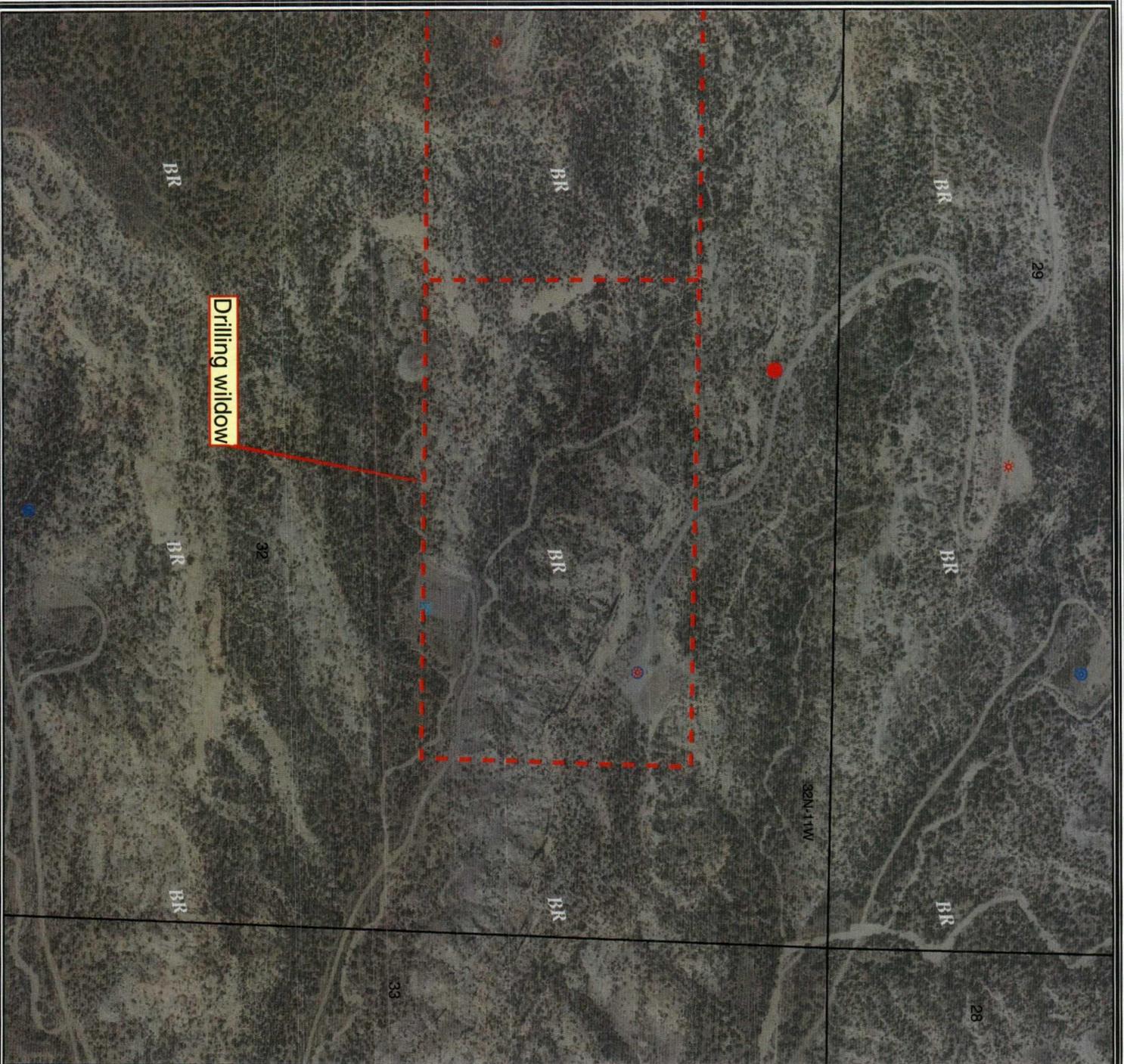
**BURLINGTON RESOURCES**  
San Juan

**DAY STATE 2M**  
**Offset Operator Map**  
Sec.32 T32N R11W  
San Juan County, NM

Prepared By: pmm1 Date: 12/7/2005  
File Number: Revised Date: 12/7/2005  
File Name: r:\platt\pmm1\Projects\Pauline's Map.mxd

**Day State 2M proposed location**  
295' FSL & 2180' FEL

*NSL-1348*



**Legend**

- <all other values>
- ▽ FRUITLAND
- ▲ FRUITLAND COAL
- \* PICTURED CLIFFS
- ⊗ MESAVERDE
- ⊗ GALLUP
- ⊗ GALLUP /SD/ SH/
- ⊗ DAKOTA

**BURLINGTON RESOURCES**

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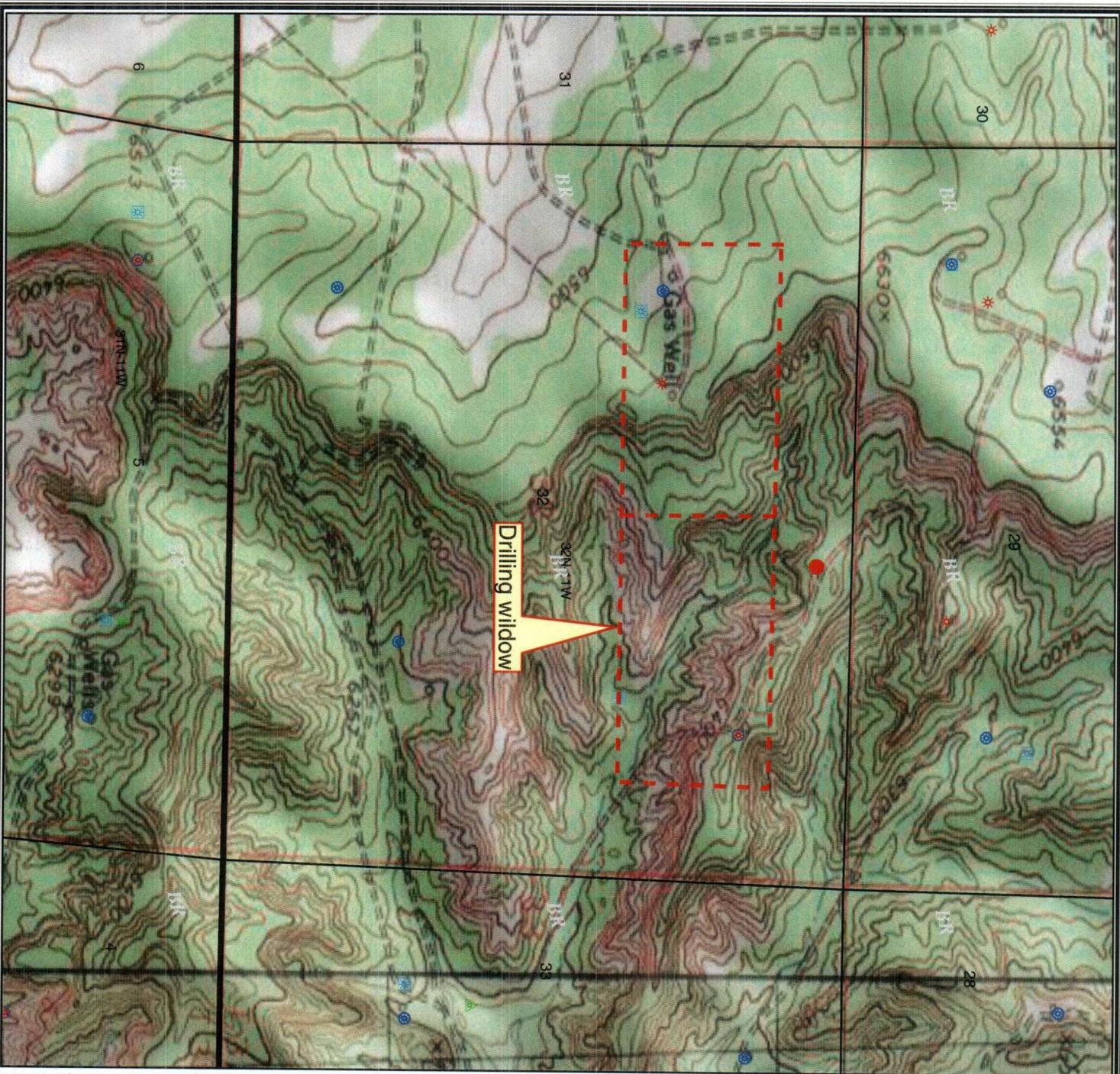
**PLAT**



**BURLINGTON RESOURCES**  
San Juan

**Aerial Photography**  
**Day State 2M**

Prepared By: Alan Alexander Date: 12/6/2005  
 File Number: Revised Date: 12/6/2005  
 File Name: C:\data\fr\fr\fr\San Juan Basin\_Templates\San Juan Basin\_TemplateLand



**Legend**

- <all other values>
- ▽ FRUITLAND
- ▲ FRUITLAND COAL
- ★ PICTURED CLIFFS
- ⊗ MESAVERDE
- ⊗ GALLUP
- ⊗ GALLUP /SD/ SH/
- ⊗ DAKOTA



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**BURLINGTON RESOURCES**  
 San Juan

**Topo - Day State 2M**

Prepared By: Alan Alexander Date: 12/6/2005  
 File Number: Revised Date: 12/6/2005  
 File Name: C:\data\Process\San Juan Basin\Topo\San Juan Basin Topo.mxd