

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

|   |  |                                      |
|---|--|--------------------------------------|
| <sup>1</sup> Operator Name and Address<br>Energen Resources Corporation<br>2198 Bloomfield Highway Farmington, New Mexico 87401 |  | <sup>2</sup> OGRID Number<br>162928  |
| <sup>4</sup> Property Code<br>21996   | <sup>5</sup> Property Name<br>San Juan 32-5 Unit | <sup>3</sup> API Number<br>039-27263 |
|   |  | <sup>6</sup> Well No.<br>101S        |

<sup>7</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County     |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|------------|
| P             | 23      | 32N      | 06W   |          | 710           | South            | 780           | East           | Rio Arriba |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |          |               |                  |               |                |        |

<sup>9</sup> Proposed Pool 1

Basin Fruitland Coal

<sup>10</sup> Proposed Pool 2

|                                       |                                      |   |                                      |  |
|---------------------------------------|--------------------------------------|---|--------------------------------------|--|
| <sup>11</sup> Work Type Code<br>Drill | <sup>12</sup> Well Type Code<br>Gas  | <sup>13</sup> Cable/Rotary<br>Rotary      | <sup>14</sup> Lease Type Code<br>Fee | <sup>15</sup> Ground Level Elevation<br>6331' GL |
| <sup>16</sup> Multiple                | <sup>17</sup> Proposed Depth<br>3116 | <sup>18</sup> Formation<br>Fruitland Coal | <sup>19</sup> Contractor             | <sup>20</sup> Spud Date<br>05/03                 |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 12-1/4"   | 9-5/8"      | 32.3#              | 200'          | 110 sks         | surface       |
| 8-3/4"    | 7"          | 20#                | 2931'         | 445             | surface       |
| 6-1/4"    | 5-1/2"      | 15.5#              | 2831'-3116'   | no cement       |               |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

An 11" 2000# Minimum double gate BOP stack will be used with a 2" 2000# choke manifold.  
The Fruitland Coal will be open cavitated.  
This gas is dedicated.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Doug Thomas*

Printed name: Doug Thomas

Title: Drilling & Completion Foreman

Date: 12/20/02

Phone: 505-325-6800

OIL CONSERVATION DIVISION

Approved by: *[Signature]*

Title:

Approval Date: DEC 20 2002

Conditions of Approval:

Attached ☐

Expiration Date: DEC 20 2003

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

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

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

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

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                    |  |                            |   |
|------------------------------------|--|----------------------------|---|
| *API Number<br><b>30-039-27263</b> |  | *Pool Code<br><b>71629</b> | *Pool Name<br><b>Basin Fruitland Coal</b> |
| *Property Code<br><b>21996</b>     | *Property Name<br><b>SAN JUAN 32-5 UNIT</b>            |                            | *Well Number<br><b>101S</b>               |
| *OGRID No.<br><b>162928</b>        | *Operator Name<br><b>ENERGEN RESOURCES CORPORATION</b> |                            | *Elevation<br><b>6331'</b>                |

<sup>10</sup> Surface Location

|               |           |            |           |         |               |                  |               |                |                   |
|---------------|-----------|------------|-----------|---------|---------------|------------------|---------------|----------------|-------------------|
| UL or lot no. | Section   | Township   | Range     | Lot Ion | Feet from the | North/South line | Feet from the | East/West line | County            |
| <b>P</b>      | <b>23</b> | <b>32N</b> | <b>6W</b> |         | <b>710</b>    | <b>SOUTH</b>     | <b>780</b>    | <b>EAST</b>    | <b>RIO ARriba</b> |

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

|  |         |          |       |         |                  |                     |               |                |        |
|--|---------|----------|-------|---------|------------------|---------------------|---------------|----------------|--------|
| UL or lot no.                                  | Section | Township | Range | Lot Ion | Feet from the    | North/South line    | Feet from the | East/West line | County |
|  |         |          |       |         |                  |                     |               |                |        |
| *Dedicated Acres<br><b>320.0 Acres - (E/2)</b> |         |          |       |         | *Joint or Infill | *Consolidation Code | *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>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Don Graham</i></p> <p>Signature<br/>Don Graham</p> <p>Printed Name<br/>Production Superintendant</p> <p>Title</p> <p>Date<br/><b>12-13-02</b></p>  |
|  | <p><sup>18</sup> SURVEYOR CERTIFICATION</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>Survey Date: <b>OCTOBER 25, 2002</b></p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p><b>JASON C. EDWARDS</b></p> <p>Certificate Number <b>15269</b></p> |

ENERGEN RESOURCES CORPORATION SAN JUAN 32-5 UNIT #101S

710' FSL & 780' FEL, SECTION 23, T32N, R6W, N.M.P.M.  
RIO ARriba COUNTY, NEW MEXICO

