

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
1220 South St. Francis Dr.  
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>Dugen Production Corp.<br>P.O. Box 420 Farmington, NM 87499 |                                          | <sup>2</sup> OGRID Number<br>006515     |
| <sup>3</sup> Property Code<br>3850                                                                    | <sup>3</sup> Property Name<br>State Corn | <sup>4</sup> API Number<br>30-045-31263 |
|                                                                                                       |                                          | <sup>6</sup> Well No.<br>915            |

<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   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| 15            | 16      | 32N      | 12W   |         | 1840          | South            | 2560          | East           | San Juan |

<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>N | <sup>12</sup> Well Type Code<br>G      | <sup>13</sup> Cable/Rotary<br>R           | <sup>14</sup> Lease Type Code<br>S | <sup>15</sup> Ground Level Elevation<br>6000 |
| <sup>16</sup> Multiple<br>N       | <sup>17</sup> Proposed Depth<br>2,350' | <sup>18</sup> Formation<br>Fruitland Coal | <sup>19</sup> Contractor           | <sup>20</sup> Spud Date<br>A.S.A.P           |

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

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 11"       | 8-5/8"      | 23 #               | 120'          | 70 cu. ft.      | Surface       |
| 7"        | 5-1/2"      | 14 #               | 2,350         | 375 cu. ft.     | Surface       |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

<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.

A water-based gel mud will be used to drill surface and production casing holes. A standard 2,000 psi blow out preventer will be used while drilling production casing hole. The Fruitland coal interval will be completed from approximately 2,000' to 2,200'. The interval will be fracture stimulated.

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

Signature: Kurt Fagrelus

Printed name: Kurt Fagrelus

Title: Geologist

Date: 11-15-02

Phone: 505-325-1821

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached ☐

Expiration Date:

NOV 11 2003

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

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

District III  
1000 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-100  
Revised February 21, 1991  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                    |                                                |                     |                                    |
|------------------------------------|------------------------------------------------|---------------------|------------------------------------|
| *API Number<br><b>30-045-31263</b> |                                                | *Pool Code<br>71629 | *Pool Name<br>BASIN FRUITLAND COAL |
| *Property Code<br><b>3850</b>      | *Property Name<br>STATE COM                    |                     | *Well Number<br>91S                |
| *OGRID No.<br>006515               | *Operator Name<br>DUGAN PRODUCTION CORPORATION |                     | *Elevation<br>6000'                |

<sup>10</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   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| J             | 16      | 32N      | 12W   |         | 1840          | SOUTH            | 2560          | EAST           | SAN JUAN |

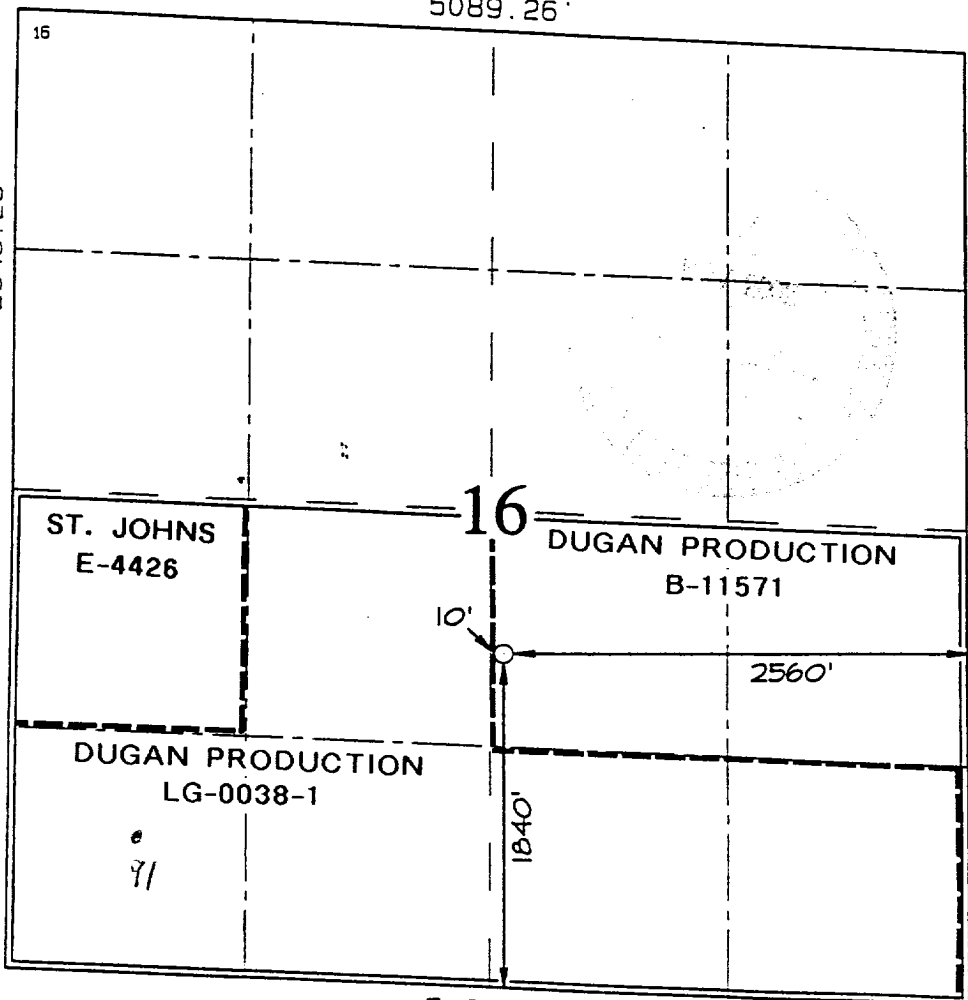
<sup>11</sup> Bottom Hole Location If Different From Surface

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

|                                                      |                               |                                  |                         |
|------------------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>320.0 Acres - (S/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

5089.26'



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

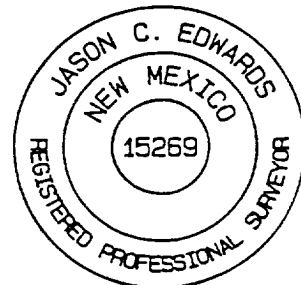
*Kurt Fagrelus*  
Signature  
*Kurt Fagrelus*  
Printed Name  
*Geologist*  
Title  
*11-15-02*  
Date

<sup>18</sup> 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.

Survey Date: NOVEMBER 11, 2002

Signature and Seal of Professional Surveyor



*JASON C. EDWARDS*  
Certificate Number 15269

DUGAN PRODUCTION CORPORATION STATE COM #915

1840' FSL & 2560' FEL, SECTION 16, T32N, R12W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO

