

## 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, PLUG BACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address Dugan Production Corp. 709 E. Murray Drive, Farmington, NM 87401		<sup>2</sup> OGRID Number 006535
<sup>3</sup> Property Code 3589	<sup>4</sup> Property Name Bi-Knobs	<sup>5</sup> API Number 045-31760
		<sup>6</sup> Well No. 91-S

<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
E	32	30N	14W		2180'	North	660'	West	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 N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 5391'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 1020'	<sup>18</sup> Formation Fruitland Coal	<sup>19</sup> Contractor Wayne Smith	<sup>20</sup> Spud Date ASAP

<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#	1020'	160-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 BOP will be used to drill production casing hole. The Fruitland Coal will be completed from approximately 760'-870'. The interval will be fractured.

<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 Fagrellius*

Printed name: Kurt Fagrellius

Title: Geologist

Date: June 30, 2003

Phone: (505) 325-1821

## OIL CONSERVATION DIVISION

Approved by:

*[Signature]*

Title: DEPUTY OIL &amp; GAS INSPECTOR, DIST. 3

Approval Date: JUL - 2 2003

Expiration Date: JUL - 2 2004

Conditions of Approval:

Attached ☐

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

District II  
PO Drawer 00, 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-102  
Revised February 21, 1994  
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 <b>30-045-31760</b>	*Pool Code <b>71629</b>	*Pool Name <b>BASIN FRUITLAND COAL</b>
*Property Code <b>3589</b>	*Property Name <b>BI KNOBS</b>	*Well Number <b>91S</b>
*OGRID No. <b>006515</b>	*Operator Name <b>DUGAN PRODUCTION CORPORATION</b>	*Elevation <b>5391'</b>

<sup>10</sup> Surface Location

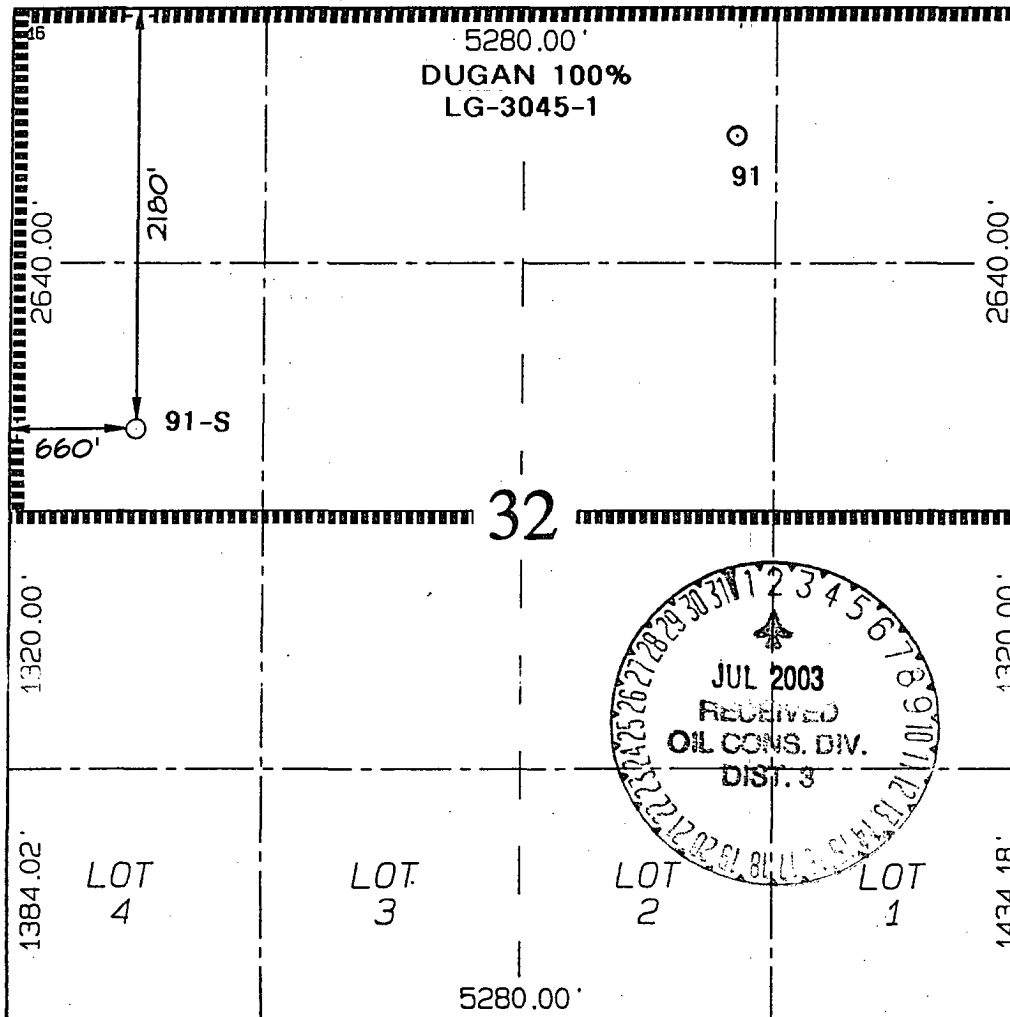

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	32	30N	14W		2180	NORTH	660	WEST	SAN JUAN

<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 <b>320.0 Acres - (N/2)</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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>Kurt Fagrelis</i> Signature Kurt Fagrelis</p> <p>Printed Name Geologist</p> <p>Title June 30, 2003</p> <p>Date</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>Date of Survey: JUNE 27, 2003</p> <p>Signature and Seal of Professional Surveyor</p>  <p><i>Jason C. Edwards</i> Certificate Number 15269</p>		