

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

1 Operator Name and Address <i>Dugan Production Corp.</i> <i>PO Box 420, Farmington, NM 87499</i>		2 OGRID Number <i>006515</i>
3 Property Code <i>3763</i>		4 API Number <i>045-31382</i>
5 Property Name <i>Mesa</i>		6 Well No. <i>90-5</i>

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<i>E</i>	<i>16</i>	<i>24N</i>	<i>8W</i>		<i>1945'</i>	<i>North</i>	<i>990'</i>	<i>West</i>	<i>SJ</i>

8 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

9 Proposed Pool 1

*Basin Fruitland Coal*

10 Proposed Pool 2

11 Work Type Code <i>N</i>	12 Well Type Code <i>G</i>	13 Cable/Rotary <i>R</i>	14 Lease Type Code <i>S</i>	15 Ground Level Elevation <i>6832</i>
16 Multiple <i>N</i>	17 Proposed Depth <i>2065'</i>	18 Formation <i>Fruitland coal</i>	19 Contractor <i>Wayne Smith</i>	20 Spud Date <i>ASAP</i>

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<i>8-3/4"</i>	<i>7"</i>	<i>20"</i>	<i>120'</i>	<i>70-ft<sup>3</sup></i>	<i>Surface</i>
<i>6-1/4"</i>	<i>4-1/2"</i>	<i>10.5"</i>	<i>2065'</i>	<i>310-ft<sup>3</sup></i>	<i>Surface</i>

22 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 1925-1935. The interval will be frid.*

23 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: *2/7/03*

Phone: *505-325-1821*

OIL CONSERVATION DIVISION

Approved by: *[Signature]*

Title: *DEPUTY OIL & GAS INSPECTOR, DIST. 43*

Approval Date: *FEB 10 2003*

Expiration Date: *FEB 10 2004*

Conditions of Approval:

Attached ☐

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

District II  
PO Drawer DD, 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>30-045-31382</b>		*Pool Code <b>71629</b>	*Pool Name <b>BASIN FRUITLAND COAL</b>
*Property Code <b>3763</b>	*Property Name <b>MESA</b>		*Well Number <b>90S</b>
*BUREAU NO. <b>006515</b>	*Operator Name <b>DUGAN PRODUCTION CORPORATION</b>		*Elevation <b>6832'</b>

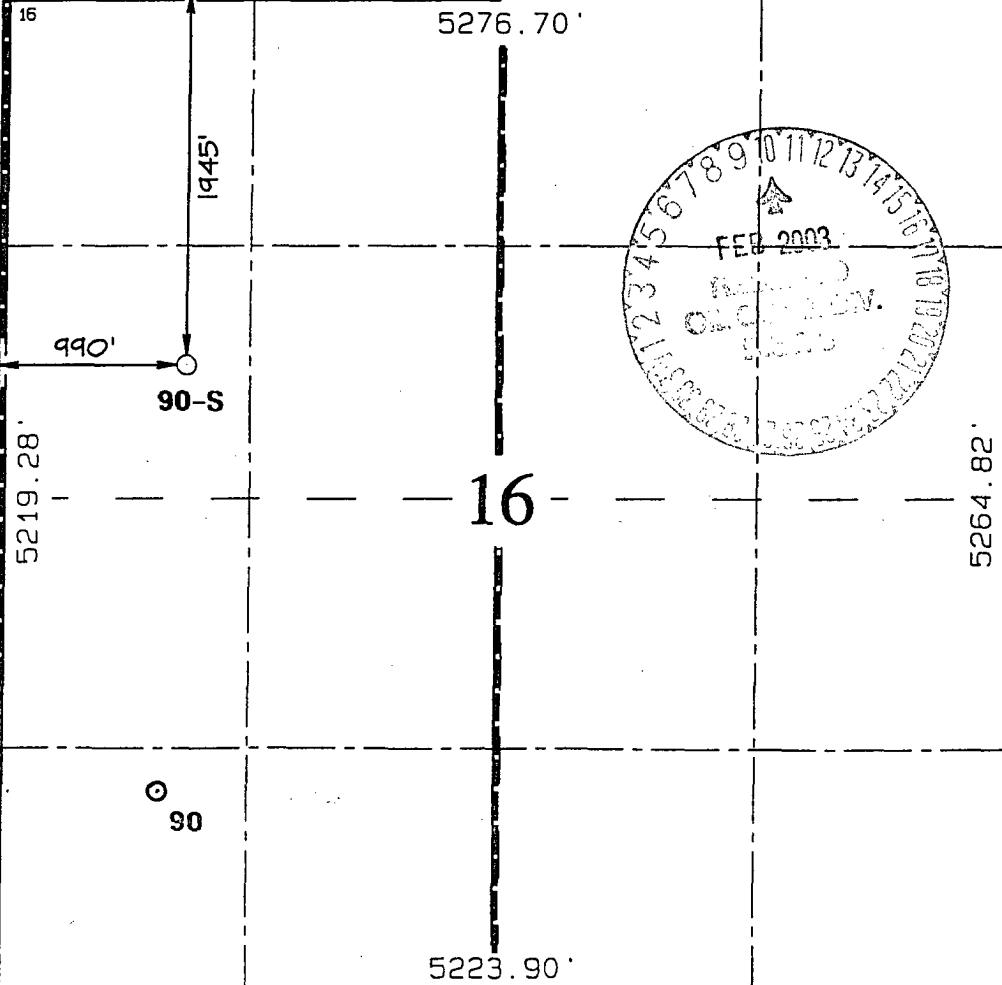

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	24N	8W		1945	NORTH	990	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 - (W/2)</b>					<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>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Kurt Fagrelus</i> Signature <b>Kurt Fagrelus</b> Printed Name <b>Geologist</b> Title <b>2/7/03</b> Date</p>
	<p><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: <b>JANUARY 31, 2003</b> Signature and Seal of Professional Surveyor  <b>JASON C. EDWARDS</b> Certificate Number <b>15269</b></p>