

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

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

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 Dugan Production Corporation 709 East Murray Drive Farmington, New Mexico 87401		<sup>2</sup> OGRID Number 006515
<sup>3</sup> Property Code 3756	<sup>3</sup> Property Name Mary Lou	<sup>3</sup> API Number 30 - 045-31695
		<sup>6</sup> Well No. 90S

<sup>7</sup> Surface Location

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	32	24N	10W		1955'	South	1850'	East	SJ

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

U/L 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 6603'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 1185'	<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#	1185'	185-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 1005'-1030'. 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 Fagrelus*

Printed name: Kurt Fagrelus

Title: Geologist

Date: May 20, 2003

Phone:

505-325-1821

OIL CONSERVATION DIVISION

Approved by:

*[Signature]*

Title: DEPUTY OIL & GAS INSPECTOR DIST. #3

Approval Date: MAY 20 2003

Expiration Date: MAY 20 2004

Conditions of Approval:

Attached ☐

District I  
PO Box 2080, Hobbs, NM 88241-1980

District II  
PO Drawer UD, 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, 1993  
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>30-045-31695</b>		Pool Code 71629	Pool Name BASIN FRUITLAND COAL
Property Code <b>3756</b>	Property Name MARY LOU		Well Number 90S
OGRID No. 006515	Operator Name DUGAN PRODUCTION CORPORATION		Elevation 6603'

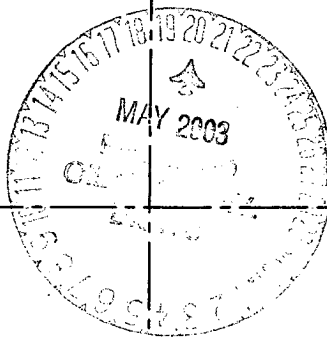
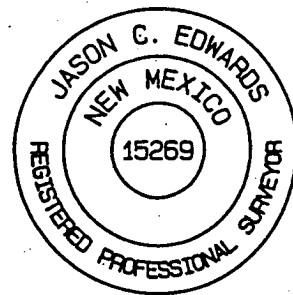
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	32	24N	10W		1955	SOUTH	1850	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 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

16	5266.14'			<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 Kurt Fagrelus Printed Name Geologist Title May 20, 2003 Date	
	5251.62'			<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. Date of Survey: APRIL 15, 2003 Signature and Seal of Professional Surveyor  <i>JASON C. EDWARDS</i> Certificate Number 15269	
32		DUGAN V-1509		90S	
5251.62'		660'		1850'	
5245.68'		1955'			