

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

¹ Operator Name and Address <i>Dugan Production Corp.</i>		² OGRID Number <i>506515</i>
<i>P.O. Box 420, Farmington, NM 87499</i>		³ API Number <i>30-045-31210</i>
⁴ Property Code <i>3763</i>	⁵ Property Name <i>Mesa</i>	⁶ Well No. <i>91</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>P</i>	<i>16</i>	<i>24N</i>	<i>8W</i>		<i>660</i>	<i>South</i>	<i>1290</i>	<i>East</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 <i>Basin Fruitland Coal</i>	¹⁰ Proposed Pool 2
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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>6827'</i>
¹⁶ Multiple <i>N</i>	¹⁷ Proposed Depth <i>2,000'</i>	¹⁸ Formation <i>Fruitland Coal</i>	¹⁹ Contractor <i>Wayne Smith</i>	²⁰ Spud Date <i>A.S.A.P.</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-cu.ft.</i>	<i>Surface</i>
<i>6-1/4"</i>	<i>4 1/2"</i>	<i>10.5"</i>	<i>2000'</i>	<i>310-cu.ft.</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 1890-1900'. The interval will be fraced.

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: *12-2-02*Phone: *505-325-1821*

OIL CONSERVATION DIVISION

Approved by: *[Signature]*Title: *DEPUTY OIL & GAS INSPECTOR, DIST. 4*Approval Date: *DEC -2 2002*Expiration Date: *DEC -2 2003*

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 O-102
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

1 API Number		1 Pool Code 71629		1 Pool Name Basin Fruitland Coal	
1 Property Code		1 Property Name MESA			1 Well Number 91
1 OGRID No. 006515		1 Operator Name DUGAN PRODUCTION CORPORATION			1 Elevation 6827'

10 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	16	24N	8W		660	SOUTH	1290	EAST	SAN JUAN

11 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

12 Dedicated Acres 320.0 ACRES - (E/2)		13 Joint or Infill		14 Consolidation Code		15 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

15		5276.70'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>Kurt Fagrelus</u> Signature Kurt Fagrelus Printed Name Geologist Title December 2, 2002 Date	
		5264.82'			
5219.28'		16		18 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 12, 2002 Signature and Seal of Professional Surveyor  <u>JASON C. EDWARDS</u> Certificate Number 15269	
		5223.90'			

SAN JUAN COUNTY, NEW MEXICO

