

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 Dugan Production Corporation 709 East Murray Drive Farmington, New Mexico 87401		² OGRID Number 006515
³ Property Code 3756	⁴ Property Name Mary Lou	⁵ Well No. 91

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
H	32	24N	10W		1700'	North	1200	East	SJ

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
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 6589
¹⁶ Multiple NO	¹⁷ Proposed Depth 1180'	¹⁸ Formation Fruitland Coal	¹⁹ Contractor Wayne Smith	²⁰ Spud Date ASAP

²¹ 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#	1180'	185-cu.ft.	Surface

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 BOP will be used to drill production casing hole. The Fruitland Coal will be completed from approximately 1,000'-1025'. The interval will be fractured.

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:

May 20, 2003

Phone:

505-325-1821

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

DEPUTY OIL & GAS INSPECTOR, DIST. #2

Approval Date:

MAY 20 2003

Expiration Date:

MAY 20 2004

Conditions of Approval:

Attached ☐

District I
PO Box 1920, 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 30-045-31694		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 3756	*Property Name MARY LOU		*Well Number 91
*OGRID No. 006515	*Operator Name DUGAN PRODUCTION CORPORATION		*Elevation 6589'

¹⁰ Surface Location

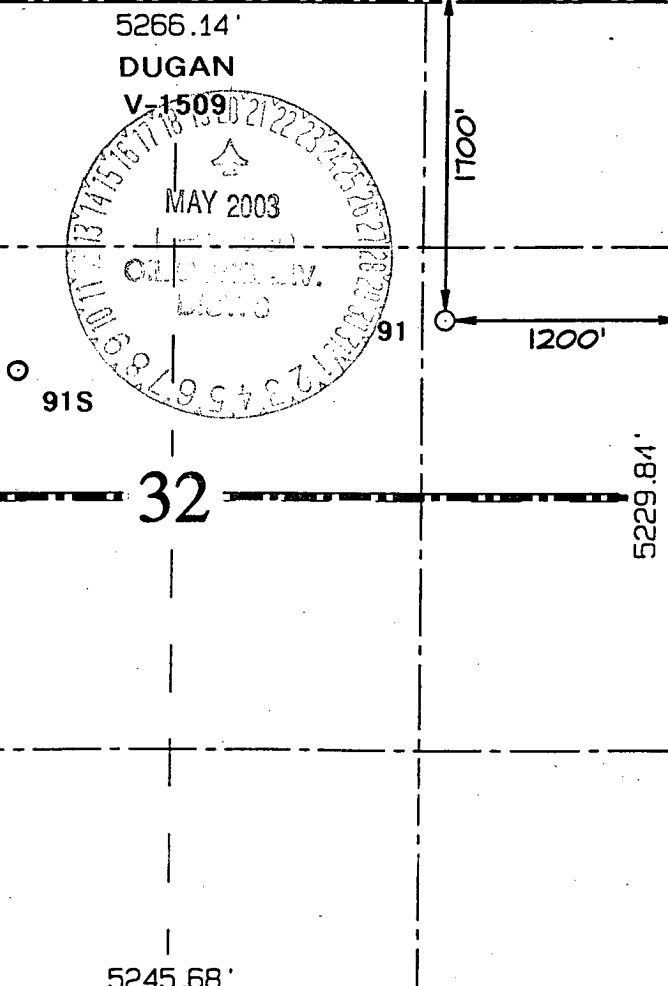

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	32	24N	10W		1700	NORTH	1200	EAST	SAN JUAN

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 - (N/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

¹⁶ BP-AMOCO E-4912		¹⁷ 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
		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. Date of Survey: APRIL 15, 2003 Signature and Seal of Professional Surveyor  <i>JASON C. EDWARDS</i> Certificate Number 15269