

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
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

¹ Operator Name and Address Dugan Production Corp. P. O. Box 420, Farmington, NM 87499-0420		² OGRID Number 006515
⁴ Property Code 003850		³ API Number 30-045-39681 <i>30167</i>
⁵ Property Name State Com		⁶ 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
M	16	32N	12W		790	South	790	West	San Juan

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 - 71629					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 5962'
¹⁶ Multiple No	¹⁷ Proposed Depth 2250'	¹⁸ Formation Fruitland	¹⁹ Contractor Wayne Smith Drilling	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
9-7/8"	8-5/8"	24#	120'	85 sx (100 cu.ft)	surface
6-1/4"	4-1/2"	10.5#	2250'	220 sx (400 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.

Plan to drill a 9-7/8" hole and set 120' of 8-5/8" OD, 24#, J-55 surface casing; then plan to drill a 6-1/4" hole to total depth with gel-water-mud program to test the Fruitland Coal formation. Plan to run IES and CDL logs. If determined productive, will run 4-1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

*Provide BOP information

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Sherman E. Dugan

Title: Vice-President

Date: March 2, 2000

Phone: (505) 325-1821

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date: MAR - 3 2000 Expiration Date: MAR - 3 2001

Conditions of Approval:

Attached ☐

BOP Equipment Required

Hole C104 for conservation

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Huanos 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 - 29681 <u>30167</u>		* Pool Code 71629	* Pool Name Basin Fruitland Coal
* Property Code 003850	* Property Name State Com		* Well Number 91
* OGRID No. 006515	* Operator Name Dugan Production Corporation		* Elevation 5962'

10 Surface Location

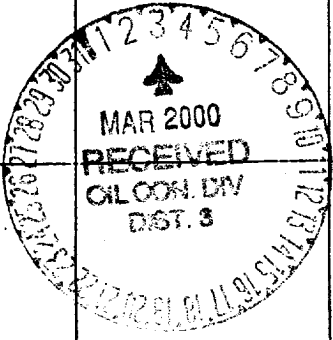
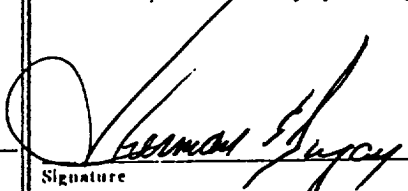

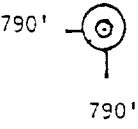
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	32N	12W	M	790	South	790	West	San Juan

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

* Dedicated Acres 320	* Joint or Infill	* Consolidation Code	* Order No. To be communitized
--------------------------	-------------------	----------------------	-----------------------------------

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 		RECEIVED SEP 2 1998 OIL CON. DIV. DIST. 3		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Sherman E. Dugan Printed Name Vice-President Title September 18, 1998 Date	
Section 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. September 1, 1998 Date of Survey Signature and Seal of  Certificate Number	
Cross Timbers E-4426		Dugan Production B-11571			
		Dugan Production LG-0038-1			