

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, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address. Dugan Production Corp. P. O. Box 420, Farmington, NM 87499-0420		FEB 2001	² OGRID Number 006515
			³ API Number 30 - 045 - 30557
⁴ Property Code 3589	⁵ Property Name Bi-Knobs		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
B	32	30N	14W		660	North	1500	East	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 5448
¹⁶ Multiple No	¹⁷ Proposed Depth 1050'	¹⁸ Formation Fruitland Coal	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"	7"	20#	120'	71 cu.ft	surface
6-1/4"	4-1/2"	10.5#	1050'	200 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. Standard 2,000 psi BOP will be used to drill production casing hole. The Basin Fruitland Coal formation will be completed from approximately 920' to 935'. 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:

Printed name: John Alexander

Title: Vice-President

Date: February 12, 2001

Phone: (505) 325-1821

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

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 Brans 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

1 API Number 30 045 30557		2 Pool Code 71629		3 Pool Name Basin Fruitland Coal	
4 Property Code 3589		5 Property Name Bi-Knobs			6 Well Number 91
7 OGRID No. 006515		8 Operator Name Dugan Production Corporation			9 Elevation 5448 -

10 Surface Location

UL or lot no. B	Section 32	Township 30N	Range 14W	Lot Ida	Feet from the 660	North/South line North	Feet from the 1500	East/West line East	County San Juan
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	--------------------

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 320		13 Joint or Infill		14 Consolidation Code		15 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

<div>16</div> <p>Dugan Prod. LG-3045</p> <p>Section 32</p>				<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Kurt H. Fagrelus</i> Signature Kurt H. Fagrelus Printed Name Geologist Title February 12, 2001 Date</p>	
				<div>18 SURVEYOR CERTIFICATION</div> <p>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.</p> <p>February 10, 2001 Date of Survey Signature and Seal of Professional Surveyor <i>Edgar L. Pisenhoover</i> EDGAR L. PISENHOOVER PROFESSIONAL SURVEYOR NEW MEXICO 5979 Certificate Number 5979</p>	