

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		² OGRID Number 006515
⁴ Property Code 23662	³ Property Name Bi-Knobs Com	³ API Number 30-045-28332 29660
		⁶ Well No. 90

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	32	30N	14W		1245	South	1200	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 5/330.80					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 5396' (est)
¹⁶ Multiple N	¹⁷ Proposed Depth 915'	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"	7"	20#	120'	60 sx (71 cu.ft)	surface
6-1/4"	4-1/2"	10.5#	915'	115 sx (184 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 90' of 7" OD, 20#, J-55 surface casing; then plan to drill a 6-1/4" hole to total depth with gel-water-mud program to test 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.

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

Signature: *Sherman E. Dugan*
Printed name: Sherman E. Dugan

Title: Vice-President

Date: 8-28-98

Phone: (505) 325-1821

OIL CONSERVATION DIVISION

Approved by: *Ernie Bruch* 9-8-98

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

Approved SEP 8 1998

Expiration Date: SEP 8 1999

Conditions of Approval :

Attached ☐

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Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

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State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30 045 28332 29660	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 23662	⁵ Property Name Bi Knobs Com	⁶ Well Number 90
⁷ OGRID No. 006515	⁸ Operator Name Dugan Production Corp.	⁹ Elevation 5396' (est)

¹⁰ Surface Location

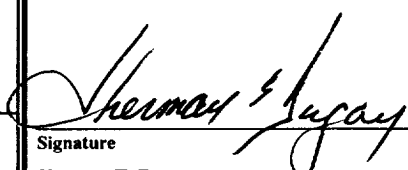
UL or lot no. M	Section 32	Township 30N	Range 14W	Lot Idn	Feet from the 1245	North/South line South	Feet from the 1200	East/West line West	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320.53080	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	<div>RECEIVED SEP 3 1998 OIL CON. DIV DIST. 3</div>				<div>¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature Sherman E. Dugan Printed Name Agent Title 8/28/98 Date</div>
E-3555 Richardson Operating Co.	Section 32	Dugan Prod. VA-1696	<div>¹⁸ SURVEYOR CERTIFICATION <i>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.</i> September 28, 1990 Date of Survey Signature and Seal of Professional Surveyer: Original signed by Edgar L. Risenhoover Certificate Number#5979</div>		
1200' 4 42.13 1245'	3 Dugan Prod. LG-3045-1 42.51	2 Richardson Operating E-6714-8 42.89	1 43.27		