

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

RECEIVED  
SEP 3 1998

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address. <b>Dugan Production Corp.</b> P. O. Box 420, Farmington, NM 87499-0420		<sup>2</sup> OGRID Number 006515
		<sup>3</sup> API Number 30 - 045 - 29659
<sup>4</sup> Property Code 23661	<sup>5</sup> Property Name McCartney	<sup>6</sup> Well No. 1

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	2	22N	9W		1190	North	825	East	San Juan

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 <del>WIC</del> Bisti Chacra EXT 96166					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 6598' (est)
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 1385'	<sup>18</sup> Formation Chacra	<sup>19</sup> Contractor Wayne Smith Drilling	<sup>20</sup> Spud Date ASAP

<sup>21</sup> 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#	1385'	225 sx (314 cu.ft)	surface

<sup>22</sup> 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 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 the Chacra 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.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Sherman E. Dugan</i>		OIL CONSERVATION DIVISION	
Printed name: Sherman E. Dugan		Approved by: <i>Ernie Busch</i> 7-8-98	
Title: Vice-President		Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3	
Date: 8-28-98		Approval Date: SEP 8 1998 Expiration Date: SEP 8 1999	
Phone: (505) 325-1821		Conditions of Approval: Attached <input type="checkbox"/>	

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, 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  
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State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30 045 29659		2 Pool Code 96166		3 Pool Name <del>W/E</del> Bisti Chacra EXT	
4 Property Code 23661		5 Property Name McCartney			6 Well Number 1
7 OGRID No. 006515		8 Operator Name Dugan Production Corporation			9 Elevation 6598' Estimated

10 Surface Location

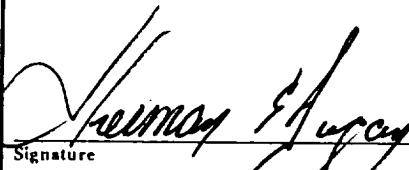
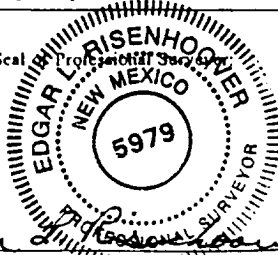
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	2	22N	9W	A	1190	North	825	East	San Juan

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 161.24 400	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 <b>RECEIVED</b> SEP 3 1998 <b>OIL CON. DIV.</b> <b>DIST. 3</b>		2 40.63 1190' 40.61 825'		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 Agent Title 8/31/98 Date	
Section 2		40 Dugan Production VA-1120		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. July 13, 1998 Date of Survey Signature and Seal  Certificate Number 5979	