

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
		³ API Number 30 - 045 - 29986
⁴ Property Code 003621	⁵ Property Name Corn	⁶ Well No. 4

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
C	2	29N	14W		790	North	1450	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 Harper Hill Fruitland Sand PC (78160) EXT					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 5466'
¹⁶ Multiple N	¹⁷ Proposed Depth 1175'	¹⁸ Formation Pictured Cliffs	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'	50 sx	surface
6-1/4"	4-1/2"	10.5#	1175'	120 sx	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 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 Fruitland/Pictured Cliffs 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: <i>Sherman E. Dugan</i>		OIL CONSERVATION DIVISION	
Printed name: Sherman E. Dugan		Approved by: <i>Erin J. Daniel</i> 9-28-99	
Title: Vice-President		Title: DEPUTY OIL & GAS INSPECTOR, DIST. III	
Date: 9/21/99		Approval Date: 28 1999	Expiration Date: SEP 28 2000
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 20883, 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 29986		2 Pool Code 78160		3 Pool Name Harper Hill Fruitland Sand PC <i>EXT</i>	
4 Property Code 003621		5 Property Name Com		6 Well Number 4	
7 OGRID No. 006515		8 Operator Name Dugan Production Corporation		9 Elevation 5466	

10 Surface Location

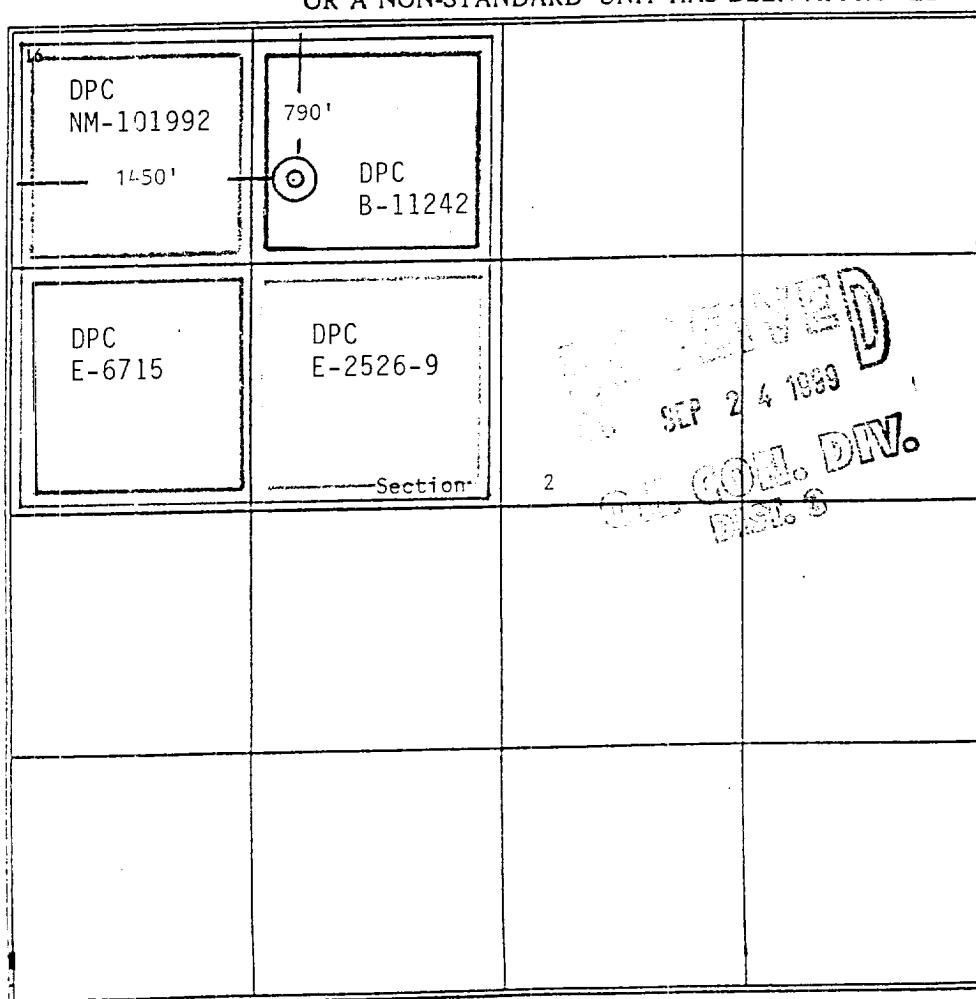
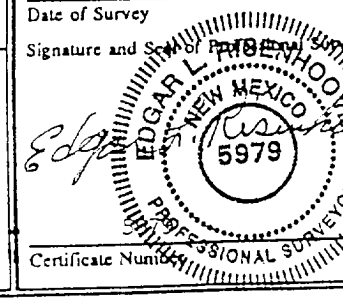
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 157.95	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 		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Sherman E. Dugan</i> Signature Sherman E. Dugan Printed Name Vice-president Title September 21, 1999 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. August 31, 1999 Date of Survey Signature and Seal of Professional Surveyer:  Certificate Number	