

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 811 S. 1st Street, Artesia, NM 88210-2834
 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

Form C-101
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

AMENDED REPORT

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

¹ Operator name and Address		² OGRID Number	
Enron Oil & Gas Company P.O. Box 2267 Midland, TX 79702		7377	
⁴ Property Code		³ API Number	
4051		30-0 25-31798	
⁵ Property Name		⁶ Well No.	
Diamond SM 36 State		2	

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
N	36	24S	33E		990	South	1980	West	Lea

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
L	36	24S	33E		1710	South	720	West	Lea
<i>Pitchfork Ranch</i> , Proposed Pool 1					¹⁰ Proposed Pool 2				
Vaca Draw (Wolfcamp), West									

¹¹ Work Type Code	¹² Well Type Code	¹³ Cable/Rotary	¹⁴ Lease Type Code	¹⁵ Ground Level Elevation
P	G	R	S	3477'
¹⁶ Multiple	¹⁷ Proposed Depth	¹⁸ Formation	¹⁹ Contractor	²⁰ Spud Date
N		Wolfcamp		06/09/99

²¹ Current Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
20"	16"	65	664'	250	Surface
14-3/4"	10-3/4"	45.8	5150'	3000	Surface
9-1/2"	7-5/8"	33.7 & 29	13300'	1725	6760'
6-1/2"	3-1/2"	12.95 & 10.5	14000'	625	11800'

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.

Set whipstock @ +/- 12100', cut window in 7-5/8" 33.7# casing, drill 6-1/2" hole to PBHL with TVD of 14000', Log, run and cement 2-7/8" tbg @ +/-14000', TVD TOC +/- 11800'.

BOP Diagrams attached.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Mike Francis</i>	OIL CONSERVATION DIVISION	
	Approved by: <i>[Signature]</i>	
	Title: <i>[Signature]</i>	
	Approval Date: <i>05/28/99</i>	Expiration Date:
Printed name: Mike Francis	915/686-3714	
Title: Agent	05/28/99	

Permit is valid 1 Year From Approval Date Unless Drilling Underway
Plug-Back

MS