

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

⁹ Proposed Pool 1 Pitchfork Ranch; Vaca Draw (Wolfcamp) , West	¹⁰ Proposed Pool 2
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¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3477'
¹⁶ Multiple N	¹⁷ Proposed Depth	¹⁸ Formation Wolfcamp	¹⁹ Contractor	²⁰ Spud Date 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
CURRENT STATUS: Perfs-Morrow "C" 15275'-15330' & Morrow "A" 14725'-14735. Well is flowing with 165 psi FTP and 1450 psi SICP.
PROCEDURE TO ABANDON THE MORROW C AND THE MORROW A TO A PBTD OF +/- 12100': Run wireline gauge ring to 14710', run and set CIBP@14700', dump bail 20' cement on top of CIBP, TOC@ 14680', run free point and back-off 3-1/2" tbg @ +/- 12500'. run and set CIBP@ +/- 12100' in 7-5/8" 33.7# S-95 casing.
SIDETRACK WELL AND REDRILL WITH 6-1/2" BIT TO A BHL OF 1710' FSL & 720' FWL, Sec. 36-24S-33E LEA CO., NM.
.....continued on next C-101

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

Signature:

Mike Francis

Printed name: Mike Francis 915/686-3714

Title: Agent 05/28/99

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Valid For 1 Year From Approval
Date Unless Stilling Underway
Plug-Back