

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

Form C-101
 Revised February 10, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

AMENDED REPORT

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

¹ Operator name and Address ARCO PERMIAN P.O. BOX 1610 MIDLAND, TX 79702		² OGRID Number 000990
		³ API Number 30-015-28760
⁴ Property Code 18146	⁵ Property Name DOROTHY 36 STATE COM	
		⁶ Well Number 1

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	17S	28E		1163	SOUTH	1647	WEST	EDDY

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 EMPIRE MORROW, South	¹⁰ Proposed Pool 2 76400
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3674
¹⁶ Multiple NO	¹⁷ Proposed Depth 11000	¹⁸ Formations MORROW	¹⁹ Contractor	²⁰ Spud Date 01-15-95

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	54.5	500	525	SURF
12 1/4	8 5/8	24	2600	940	SURF
7 7/8	5 1/2	15.5/17	11,000	1200	5000
					<i>Post ID-1 1-5-96</i>

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.

RECEIVED

DEC 01 1995

OIL CON. DIV.

NSL-3607

DIST. 2

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Ken W Gosnell</i>	Approved by: ORIGINAL SIGNED BY TIM W. GUM		
Printed name: KEN W. GOSNELL	Title: DISTRICT II SUPERVISOR		
Title: AGENT	Approval Date: 12-28-95	Expiration Date: 6-28-96	
Date: 11-29-95	Phone: 915 688-5672	Conditions of Approval: Attached <input type="checkbox"/>	