

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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 ARCO PERMIAN P.O. BOX 1610 MIDLAND, TX 79702		² OGRID Number 000990
³ API Number 30-015-29792		⁴ Property Code 20761
⁵ Property Name BARCLAY STATE		⁶ Well No. 4

⁷ Surface Location									
UL or lot no. 0	Section 2	Township 23S	Range 31E	Lot. Idn	Feet from the 660	North/South Line SOUTH	Feet from the 1980	East/West line EAST	County 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 LIVINGSTON RIDGE (DELAWARE) 96149					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3431
¹⁶ Multiple NO	¹⁷ Proposed Depth 8600	¹⁸ Formation DELAWARE	¹⁹ Contractor PETERSON DRIG	²⁰ Spud Date 9/97

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	48	860	775	SURF
12-1/4	8 5/8	32	4600	1800	SURF
7 7/8	5 1/2	15.5/17	8450	860	4500

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

Subject well planned as a 8450' straight hole.
3000 psi BOPE will be used from 860' to TD.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Elizabeth A. Casbeer</i> Printed name: ELIZABETH A. CASBEER Title: REG. COMPLIANCE	OIL CONSERVATION DIVISION	
	Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR Title: Approval Date: AUG 15 1997 Expiration Date: 8-15-98	