

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
Minerals & Natural Resources Department

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

Form C-101
Revised February 10, 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
⁴ Property Code 30-70-1	⁵ Property Name BARCLAY STATE	³ API Number 30-015-31991
		⁶ Well Number 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
J	2	23S	31E		1980	SOUTH	1980	EAST	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 SOUTH (DELAWARE)					¹⁰ Proposed Pool 2 90149				

¹¹ Work Type Code N	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3436
¹⁶ Multiple NO	¹⁷ Proposed Depth 8600	¹⁸ Formations DELAWARE	¹⁹ Contractor PETERSON DRIG	²⁰ Spud Date 04-18-97

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	SURE
11	8 5/8	32	4600	1800	SURE
7 7/8	5 1/2	15.5/17	8600	480	6500

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 8600' 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.		OIL CONSERVATION DIVISION	
Signature: <i>Charles W. Knight, Jr.</i>		Approved by: <i>Jim W. Gurn</i> DSA	
Printed name: CHARLES W. KNIGHT, JR.		Title: <i>District Supervisor</i>	
Title: REG. COMPLIANCE		Approval Date: 5-9-97	Expiration Date: 5-9-98
Date: 04-11-97	Phone: 915 688-5672	Conditions of Approval: Attached <input type="checkbox"/>	