

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

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

CISF
Op

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 20761		³ API Number 30-0 15-25534
⁵ Property Name BARCLAY STATE		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
I	2	23S	31E		1980	SOUTH	660	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

¹⁰ Proposed Pool 2

96149 LIVINGSTON RIDGE, (DELAWARE), South
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¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3459
¹⁶ Multiple NO	¹⁷ Proposed Depth 15136/12275 PBD	¹⁸ Formations DELAWARE	¹⁹ Contractor NA	²⁰ Spud Date 06-18-97

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	54.5	743	500	SURF
12 1/4	10 3/4	44.5, 40.5	4466	1750	SURF
9 1/2	7 5/8	29.7, 26.4	12,600	2050	5500 T.S.
LINER	4 1/2	13.5	12333-15133	500	CIRC

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

IT IS PROPOSED TO PLUGBACK EXISTING MORROW INTERVAL 13,974'-13,982' AND TEST THE DELAWARE INTERVAL 8081'-8290' AS PER THE ATTACHED PROCEDURE.

NOTE: A CEMENT PLUG WILL BE PLACED ACROSS LINER TOP AND CEMENT WILL ALSO BE CIRCULATED FROM CURRENT 7 5/8" CEMENT TOP TO SURFACE (SEE ATTACHED PROCEDURE).

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

Signature:

Charles W. Knight, Jr.

Printed name:

CHARLES W. KNIGHT, JR.

Title:

REG. COMPLIANCE

Date:

06-09-97

Phone:

915 688-5672

OIL CONSERVATION DIVISION

Approved by:

Jim W. Burns **BGA**
District Supervisor

Title:

Approval Date:

6-16-97

Expiration Date:

6-16-98

Conditions of Approval:

Attached ☐