

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

RECEIVED

JUN 17 1997

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

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

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 30-0 15-26171
⁴ Property Code	⁵ Property Name MEDANO 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
K	36	22S	31E		1980	SOUTH	1980	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 LIVINGSTON RIDGE (DELAWARE)					¹⁰ Proposed Pool 2 39360				

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3466
¹⁶ Multiple NO	¹⁷ Proposed Depth 15120/10100 PBD	¹⁸ Formations DELAWARE	¹⁹ Contractor NA	²⁰ Spud Date ASAP

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	745	600	SURF
12 1/4	10 3/4	45.5	4513	2250	SURF
9 1/2	7 5/8	29.7, 33.7	12,620	2425	3800 T.S.
LINER	4 1/2	13.5	12,281-15,118	500	13,330 TS

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 BONE SPRINGS INTERVAL 10,140'-10,202' AND TEST THE DELAWARE INTERVAL 8107'-8284' AS PER THE FOLLOWING PROCEDURE:

- 1. KILL WELL AND POH WITH TUBING, RODS, AND PUMP. 35'**
- 2. SET CIBP AT 10,100' TOPPED WITH 20' CEMENT.**
- 3. PERFORATE DELAWARE INTERVAL 8107'-8284' AND FRAC WITH 43,000 GAL GEL; 260,000# 16/30 SD.**
- 4. FLOW BACK LOAD, RUN COMPLETION ASSEMBLY, AND TEST.**

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Charles W. Knight Jr.</i>		OIL CONSERVATION DIVISION	
Printed name: CHARLES W. KNIGHT, JR.		Approved by: <i>Jim W. [Signature]</i>	BGA
Title: REG. COMPLIANCE		Title: <i>District Supervisor</i>	
Date: 06-16-97		Approval Date: 6-18-97	Expiration Date: 6-18-98
Phone: 915 688-5672		Conditions of Approval: Attached <input type="checkbox"/>	