

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

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

Operator Name and Address. ARCH PETROLEUM, INC. 10 DESTA DRIVE, STE. 420E MIDLAND, TX 79705		OGRID Number 000962
Property Code 14920		API Number 30-025-33544
Property Name MATTERN		Well No. 4

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	30	21S	37E		2310'	South	2310	WEST	Lea

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
Proposed Pool 1 DRINKARD					Proposed Pool 2 BLINEBRY				

Work Type Code A	Well Type Code M	Cable / Rotary R	Lease Type Code P	Ground Level Elevation 3491'
Multiple YES	Proposed Depth 6,818'	Formations DRINKARD, BLINEBRY	Contractor UNKNOWN	Spud Date ASAP

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight / foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	1257'	620 sx.Cl.'C' CIR.	SURFACE
7-7/8"	5-1/2"	15.5#	6,818'	2025 sl.Cl.'C'	Did not Circ. TOC 1400'

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.

WE PLAN TO INSTALL A PLUG TO ISOLATE THE DRINKARD AND MOVE UP HOLE AND PERFORATE THE BLINEBRY FORMATION.
UPON SUCCESSFUL COMPLETION OF THE BLINEBRY WE PLAN TO MAKE APPLICATION TO COMMINGLE BOTH ZONES DUE TO THE ESTIMATED PRODUCTION RATE.

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

Signature: *Bobbie Brooks*

Print name: **Bobbie Brooks**

Title: **Production Analyst**

Date: **5/2/97**

Phone: **685-1961**

OIL CONSERVATION DIVISION

Approved by: *Paul Kautz*
Title: **Geologist**

Approval Date: **MAY 06 1997**

Expiration Date:

Conditions of Approval:
Attached ☐