

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

RECEIVED

FEB 25 1997

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

OIL CON DIV
AMENDED REPORT
DIST. 2

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
		API Number 30-005-20296
Property Code 20482	Property Name STATE	Well No. 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
F	13	11S	31E		1980	NORTH	1980'	WEST	CHAVES

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 WILDCAT					Proposed Pool 2				

Work Type Code E	Well Type Code O	Cable / Rotary	Lease Type Code S	Ground Level Elevation 4447' GE
Multiple NO	Proposed Depth 8500'	Formations WILDCAT Abo	Contractor TO BE DETERMINED	Spud Date 3/15/97

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight / foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/4"	13-3/8"	48#	315'	325 sx. cmt. circ.	
12-1/4"	9-5/8"	36#	3527'	325 sx.cmt.	
7-7/8"	4-1/2"	11.6#	8500'	2400 sx.cmt.circ.	

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 propose to:

Drill out surface plug, 315' plug and 1329' plug. Tie onto 9-5/8" casing at 1329' and add 9-5/8" casing to 3527'.
Drill out remaining plugs to 8500'. Clean out to 8500', frac from 8333-60', acidize and place on production.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Re-Entry

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Bobbie Brooks</i> Print name: Bobbie Brooks Title: Production Analyst Date: 2/25/97 Phone: 685-1961		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY JERRY SEXTON Title: DISTRICT I SUPERVISOR Approval Date: MAR 05 1997 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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