

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, Suite 420E Midland, TX 79705		OGRID Number 000962
		API Number 30-0 25-33324
Property Code 16233	Property Name E. C. HILL A	Well No. 4 5

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
O	27	23S	37E		330	SOUTH	2310	EAST	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 TEAGUE BLINEBRY					Proposed Pool 2 TEAGUE PADDOCK				

Work Type Code N	Well Type Code O	Cable / Rotary R	Lease Type Code P	Ground Level Elevation 3268
Multiple N	Proposed Depth 6000'	Formations BLINEBRY	Contractor UNKNOWN	Spud Date 4/1/96

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#	1075'	600 sx. Cl. 'C'	SURFACE
7-7/8"	5-1/2"	15.5#	6000'	1650 sx. Cl. 'C'	1075'

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.

MUD PROGRAM:
0 - 1075' FW/Spud Mud 8.8-9.0 #/gal., 32 visc., 10 pH
1075' - 5000' BW 10#/gal., 28 visc., 10 pH
5000' - 5000' BW/Starch 10#/gal., 30 visc., 10 pH

See attached BOP drawing for 3000 psi system.

OPER. OGRID NO. 162

PROPERTY NO. 162

POOL CODE 58300

EFF. DATE 3/12/96

API NO. 30-0-2 33324

**Permit Expires 1 Year From Approval
Date Unless Drilling Underway**

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: **3/7/96**

Phone: **(915) 685-1961**

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY JERRY SEXTON**

Title: **DIRECTOR**

Approval Date: **MAR 12 1996**

Expiration Date:

Conditions of Approval:

Attached ☐