

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 25-33448
Property Code 16232	Property Name E. C. HILL B	Well No. 6

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	27	23S	37E		1340	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					Proposed Pool 2				
TEAGUE BLINEBRY					TEAGUE PADDOCK				

Work Type Code	Well Type Code	Cable / Rotary	Lease Type Code	Ground Level Elevation
N	O	R	P	3306
Multiple	Proposed Depth	Formations	Contractor	Spud Date
N	6000'	BLINEBRY	UNKNOWN	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'
Permit Expires 1 Year From Approval Date Unless Drilling Underway					

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.

NSL-3653

OPER. OGRID NO. 962  
PROPERTY NO. 16232  
POOL CODE 58300  
EFF. DATE 5/16/96  
API NO. 30-025-33448

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

Title:

GARY WINK

FIELD REP II

Approval Date:

MAY 16 1996

Expiration Date:

Conditions of Approval:

Attached ☐