

District I
PO Box 1880, Hobbs, NM 88241-1880
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1900 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
		API Number 30-025-
Property Code 14899	Property Name C. D. WOOLWORTH	Well No. 11

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
N	30	24S	37E		1185	SOUTH	1330'	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 LANGLIE MATTIX					Proposed Pool 2 JALMAT OIL AND JALMAT GAS				

Work Type Code	Well Type Code	Cable / Rotary	Lease Type Code	Ground Level Elevation
N	O	R	P	
Multiple	Proposed Depth	Formations	Contractor	Spud Date
NO	3800'	7RQGRBG	TO BE DETERMINED	1/15/97

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight / foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8-5/8"	24#	475'	250 sx.Cl.'C'	SURFACE
7-7/8"	5-1/2"	15.5#	3,800'	900 sx.Cl.'C'	475'

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;
O-475' FW/Spud Mud 8.6-8.8 PPG 32-36 VIS 8-9 PK
475'-3,800' BW 9.9-10.1 PPG 29-32 VIS 9-10 PK

See attached BOP drawing for 2000-3000 WORKING PRESSURE.

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: **1/20/97**
Phone: **685-1961**

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐