

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
		API Number 30-025- 33881
Property Code 14899	Property Name C. D. WOOLWORTH	Well No. 10

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
J	30	24S	37E		1400	SOUTH	2630	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 LANGLIE MATTIX					Proposed Pool 2 JALMAT OIL AND JALMAT GAS				

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

Permit Expires : Year From Date of Issue
Date Unless Drilling Underway

See attached BOP drawing for 2000-3000 WORKING PRESSURE.

NSL-3773

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Bobbie Brooks</i>		Approved by: ORIGINAL SIGNED BY JERRY SEXTON	
Print name: Bobbie Brooks		Title: DISTRICT I SUPERVISOR	
Title: Production Analyst		Approval: MAR 14 1997	Expiration Date:
Date: 1/20/97	Phone: 685-1961	Conditions of Approval: Attached <input type="checkbox"/>	