

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		ORGRID Number 962
Property Name C. D. WOOLWORTH		API Number 30-025-32863
Property Code 14399	Well No. 9	

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		660'	SOUTH	1980	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				

Work Type Code N	Well Type Code O	Cable / Rotary R	Lease Type Code P	Ground Level Elevation 3253'
Multiple	Proposed Depth 3800'	Formations 7RQGRBG	Contractor TO BE DETERMINED	Spud Date 4/1/95

Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight / foot	Setting Depth	Sacks of Cement	Estimated TOC
10 5/8"	8 5/8"	32#/FT.	430'	250	SURFACE
6 3/4"	5 1/2"	15.5#/FT.	3800'	900	430'

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 = 0-430' FW SPUD MUD 8.6-8.8 PPG 32-36 VIS 8-9 PK  
430-3800' BRINE WATER 9.9-10.1 PPG 29-32 VIS 9-10 PK

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

BOP'S SEE ATTACHED DRAWING FOR 2000-3000 PSI WORKING PRESSURE.

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: 2/17/95		Phone: 915-685-1961		OIL CONSERVATION DIVISION Approved by: <i>ORIGINAL SIGNED BY JERRY SEXTON</i> Title: DISTRICT I SUPERVISOR Approval Date: 4/2 6 1 1995 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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**RECEIVED**

FEB 2 3 1985

JOE HOBBS  
OFFICE