

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
PO 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

¹ Operator Name and Address. Arch Petroleum, Inc. 10 Desta Drive, Suite 420 East Midland, TX 79705		² OGRID Number 000962
		³ API Number 30 - 0 25-25790
⁴ Property Code 14899	⁵ Property Name C.D. Woolworth	⁶ Well No. 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
M	30	24S	37E		660	South	660	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
⁹ Proposed Pool 1 Jalmat Tansill					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3261
¹⁶ Multiple No	¹⁷ Proposed Depth PBTD 3390'	¹⁸ Formation Jalmat	¹⁹ Contractor	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

²² 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.

We propose to:

Spot abandonment mud from 3696-3390'; set CIBP @ 3390' and cap with 2 sx cmt.
Perf csg 3169'-3363' with a total of 36 holes. Acidize with 4,000 gals 15% NEFE
HCl. Frac treat with 48,500 gals 40 lb gel with 50% CO₂ and 165,000 lb 16/30 sand.
Flow back.

Abandon Langlie Mattix, Complete Jalmat Oil

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: Merrick S. Vanderslice
Printed name: Merrick S. Vanderslice
Title: Vice-President of Operations
Date: 7/8/94
Phone: 915-685-1961

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY JERRY SEXTON
Title: DISTRICT I SUPERVISOR
Approval Date: JUL 28 1994
Expiration Date:
Conditions of Approval:
Attached ☐

RECEIVED

JUL 11 1991

POST OFFICE