

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
Property Name C. D. WOOLWORTH		API Number 30-025-28731
Property Code	Well No. 6	

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North / South line	Feet from the	East / West line	County
O	30	24S	37E		660	SOUTH	1960	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					Proposed Pool 2				
LANGLIE MATTIX					JALMAT OIL				

Work Type Code D P	Well Type Code M	Cable / Rotary R	Lease Type Code P	Ground Level Elevation 3253.7'
Multiple YES	Proposed Depth	Formations	Contractor	Spud Date

Proposed Casing and Cement Program

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

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 squeeze the existing perms 2912'-3128' (Jalmat Gas). We will then drill out the CIBP at 3150' and the CIBP at 3454'. We will clean out to the PBTD of 3691' and stimulate the existing perms at 3179'-3408' (Jalmat Oil) and 3479'-3602' (Langlie Mattix). We will then test each zone and determine a stabilized rate. If enough production can be established, an application to downhole commingle will be made. Otherwise a single completion will be made in one of the two zones. Work will commence as soon as approval is received.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.
Plugback

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: <i>[Signature]</i>	
Print name: BOBBIE BROOKS		Title: <i>[Signature]</i>	
Title: PRODUCTION ANALYST		Approval Date: AUG 09 1995	Expiration Date: <i>[Signature]</i>
Date: Aug. 4, 1995	Phone: (915) 685-1961	Conditions of Approval: Attached <input type="checkbox"/>	

Not
8-5-95

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

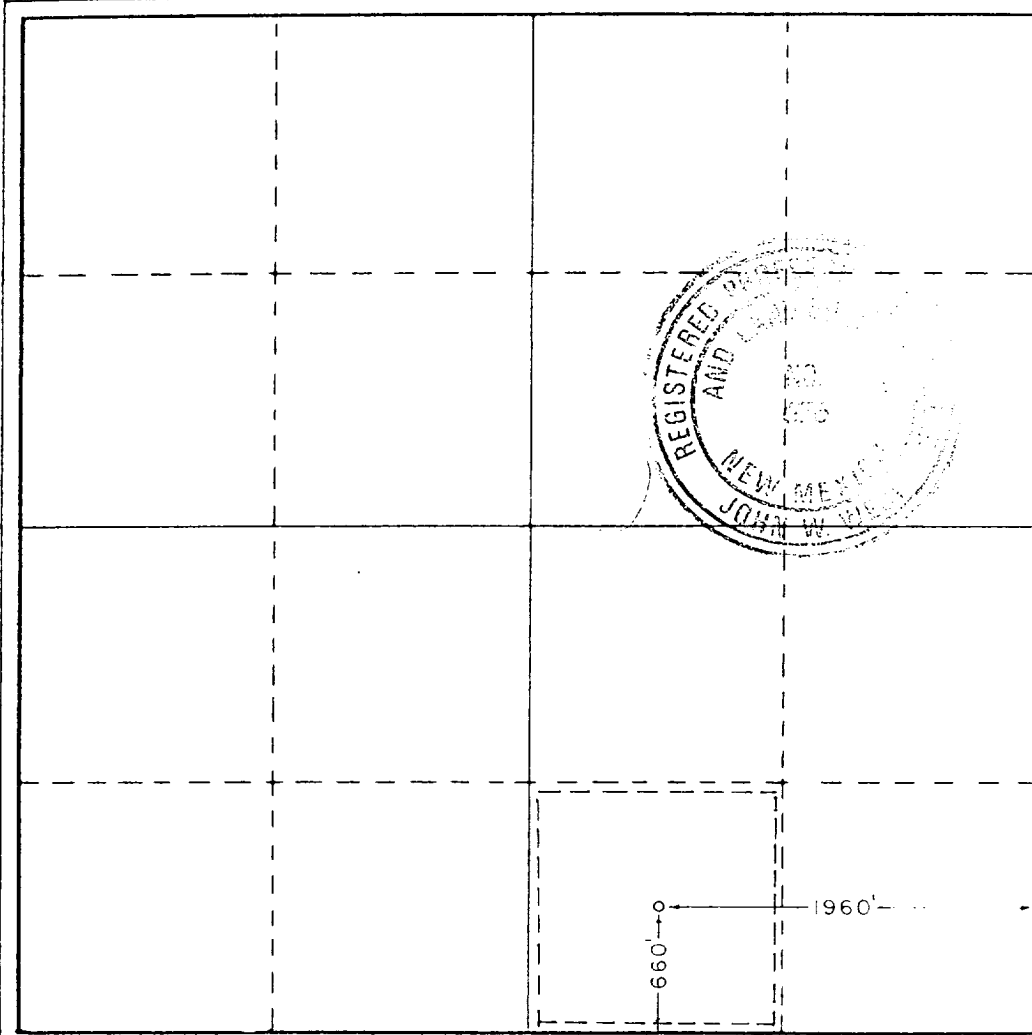
Operator <i>Arch Petr. Inc.</i>		Lease <i>C. D. WOOLNORTH</i>		Well No. <i>6</i>	
Unit Letter <i>0</i>	Section <i>30</i>	Township <i>24S</i>	Range <i>37E</i>	County <i>LEA</i>	
Actual Footage Location of Well: <i>660</i> feet from the <i>SOUTH</i> line and <i>1960</i> feet from the <i>EAST</i> line					
Ground Level Elev. <i>3253.7</i>	Producing Formation <i>7RQ</i>		Pool <i>Langlie Mattix</i>		Dedicated Acreage: <i>40</i> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Bobbie Braker
Name

Prod. Analyst
Position

Arch Petroleum Inc.
Company

8-4-95
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

5/7/84

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No *JOHN W. WEST, 676*

RONALD J. EIDSON, 3239

