

P.O. BOX 1980

HOBBS, NEW MEXICO 88240

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)OMB NO. 1004-0136  
Expires: February 28, 1995Form 3160-3  
(July 1992)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

## 1a. TYPE OF WORK

DRILL ☐DEEPEN ☐ PLUG BACK ☒

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Arch Petroleum, Inc.

## 3. ADDRESS AND TELEPHONE NO.

10 Desta Drive, Suite 420 East  
Midland, TX 79705 (915) 685-1961

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface 1650' FSL &amp; 990' FWL

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

9 miles North of Jal, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

990'

## 16. NO. OF ACRES IN LEASE

1520

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

## 20. ROTARY OR CABLE TOOLS

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3300 G.L.

## 22. APPROX. DATE WORK WILL START\*

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Set cement retainer at 7000' and squeeze perms 7318'-7398' with 100 sacks cement.  
Perf casing 6665'-6940' with 4 - 0.5" JHPF. Acidize perms with 10,000 gallons  
15% NEFE HCl. Run producing equipment. Produce well from Teague Abo pool.

Approval for workover only -- CANNOT produce until Non-Standard Location  
is approved.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or  
deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24

SIGNED

*Merick S. Vandervliet*TITLE V.P. of OperationsDATE June 10, 1994

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) JOE G. LARA

PETROLEUM ENGINEER

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE

7/6/94

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1067 makes it a crime for any person knowingly and willfully to make to any department or agency of the

RECEIVED

JUN 20 11 03 AM '94

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-102  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-10830		2 Pool Code 85960		3 Pool Name Teague Abo	
4 Property Code 00014898		5 Property Name C. E. LaMunyon			6 Well Number 10
7 OGRID No. 000962		8 Operator Name Arch Petroleum, Inc.			9 Elevation 3300'

10 Surface Location

UL or lot no. L	Section 22	Township 23-S	Range 37-E	Lot Idn	Feet from the 1650	North/South line South	Feet from the 990	East/West line West	County Lea
--------------------	---------------	------------------	---------------	---------	-----------------------	---------------------------	----------------------	------------------------	---------------

11 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
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

12 Dedicated Acres 160	13 Joint or Infill N	14 Consolidation Code	15 Order No.
---------------------------	-------------------------	-----------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><u>Merrick S. Vanderslice</u> Signature Merrick S. Vanderslice Printed Name Vice President of Operations Title June 10, 1994 Date</p>
<p>990'</p> <p>#10</p>				<p>18 SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>_____ Date of Survey Signature and Seal of Professional Surveyor:</p> <p>_____ Certificate Number</p>