

N.M. Oil Cons. Division  
P.O. Box 1980  
Hobbs, NM 88241  
(Summit Replicat on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
DRILL ☐ DEEPEN ☒

b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐

2. NAME OF OPERATOR  
ARCH PETROLEUM INC.

3. ADDRESS AND TELEPHONE NO.  
10 DESTA DRIVE, STE. 420E, MIDLAND, TX 79705 915-685-1961

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface UNIT D, 660' FWL, 660' FNL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
10 1/4 MILES SOUTH OF EUNICE, NM

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 660'  
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
1520

17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 180'

19. PROPOSED DEPTH  
9850'

20. ROTARY OR CABLE TOOLS  
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, ect. )  
3299' DF

22. APPROX. DATE WORK WILL START\*  
06/01/97

RECEIVED

1997 MAY 19

BUREAU OF LAND MGMT.  
OIL & GAS DIVISION

5. LEASE DESIGNATION AND SERIAL NO.  
NMLC - 030187

6. ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
D 9-35

8. NAME OF OPERATOR, WELL NO.  
C. E. LAMUNYON #9

9. API WELL NO.  
30-025-10854

10. FIELD AND POOL, OR WILDCAT  
TEAGUE ELLENBURGER

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
SEC. 27, T23S, R37E

12. COUNTY OR PARRISH  
LEA

13. STATE  
NM

23.

| PROPOSED CASING AND CEMENTING PROGRAM |                       |                 |               |                             |
|---------------------------------------|-----------------------|-----------------|---------------|-----------------------------|
| SIZE OF HOLE                          | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT          |
| 17 1/2"                               | 13 3/8" H-40 SS       | 48#             | 303"          | 300 sxs. circ. to surface   |
| 12 1/4"                               | 9 5/8" H-40 SS        | 36#             | 2900'         | 1600 sx. TS ind. TOC @1050' |
| 8 3/4"                                | 7" N-80               | 23#, 26#, 29#   | 9278'         | 700 sx. TS ind. TOC @5700'  |
| 6"                                    | 4 1/2" N-80           | 11.6#           | 9850'         | 100 sx. CL "H" cmt.         |
|                                       |                       |                 |               |                             |

We propose to:

Drill out plug and deepen to 9850'. The present zone is used for disposal and not production  
Cement 4 1/2" casing from 9278' to 9850' with 100 sx. CL "H" cmt.  
Perforate the Teague Ellenburger, acidize and frac treat the perms.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new production 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.

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SIGNED Bahini Brooks TITLE Production Analyst DATE 5/16/97

(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:

APPROVED BY (ORIG. SGD.) ARMANDO N. LOPEZ TITLE PETROLEUM ENGINEER DATE 5/22/97

\*See Instructions On Reverse Side  
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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