

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☐DEEPEN ☐ PLUG BACK ☒

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐

## 2. NAME OF OPERATOR

Chevron U.S.A. Inc.

## 3. ADDRESS OF OPERATOR

P.O. Box 670, Hobbs, NM 88240

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

At surface

1980' FSL and 1980' FEL

At proposed prod. zone

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

## 15. DISTANCE FROM PROPOSED\*

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

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

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

3368' GL

## 16. NO. OF ACRES IN LEASE

929

## 19. PROPOSED DEPTH

3475' PB

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

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

Upon approval

## 5. LEASE DESIGNATION AND SERIAL NO.

NM-4986

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Pacheco Federal

## 9. WELL NO.

1

## 10. FIELD AND POOL, OR WILDCAT

Undesignated Delaware

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

Sec 31, T19S, R28E

## 12. COUNTY OR PARISH

## 13. STATE

Eddy

NM

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	418'	420 sx- Circ.
12 1/4"	8 5/8"	28#	2905'	975 sx - Circ.
7 7/8"	5 1/2"	20# & 17#	11,089'	750 sx TOC 7690'

BOP EQUIPMENT - 3000 PSI WP

MUD PROGRAM - 10# BW

NOTE: PROPOSED PLUGBACK INCLUDES PLUGGING THE LOWER PART OF THIS WELLBORE BY:

- 1) SETTING CIBP @ 9500 ± & CAP W/35' CMT
- 2) DISPLACE CSG W/P & A MUD FROM 9500 TO 3500'
- 3) PERF & SQZ 5 1/2" CSG @ 3500'±, BRING CMT UP INTO 8 5/8" CSG
- 4) PERF DELAWARE F 3080 TO 3264.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

24.

SIGNED

*M. E. Akim 6/1/90*

TITLE Staff Drlg. Engr.

DATE 6-1-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Orig. signed by Rodin Salameh

TITLE

PETROLEUM ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY:

6-14-90