

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

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Amoco Production Company

## 3. ADDRESS OF OPERATOR

BOX 68, HOBBS, N. M. 88240

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

At surface

660' FSL x 660' FWL Sec. 15 (Unit M, SW 1/4 SW 1/4)

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.

## 16. NO. OF ACRES IN LEASE

## 19. PROPOSED DEPTH

5800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

\*

## 20. ROTARY OR CABLE TOOLS

ROTARY

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

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

8-25-73

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4 - 11"	8 5/8"	24	1000'	Circulate
7 7/8"	5 1/2"	14-15.5	5800'	FILL TO BASE SALT

After drilling, logs shall be run and evaluations made, perforating and/or stimulating as necessary in attempting commercial production.

B O - P Program attached.

MUD Program - 0-4000' Water and native mud.  
4000'-5800' (TD) Min. quality mud to maintain safe hole conditions.

## \*COMPANION well to Well No. 2 - 80 Acre Spacing

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 preventer program, if any.

## 24.

SIGNED

*J. J. York*

TITLE

AREA ENGINEER

DATE

8-14-73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

0+5- USGS- 14  
1- DIF  
1- GUSP  
1- 1424  
1- PNO  
1- CONOCO  
1- TOWN & CO  
1- CROTON

\*See Instructions On Reverse Side

APPROVED  
AUG 17 1973  
ARTHUR R. BROWN  
DISTRICT ENGINEER