

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

P. O. Drawer A, Levelland, Texas 79336

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

At surface

330' FSL X 330' FEL, Sec 15, (SE/4 SE1/4 Unit P)

At proposed prod. zone

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

9 miles northeast of Jal, NM

## 15. DISTANCE FROM PROPOSED\*

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

330'

## 16. NO. OF ACRES IN LEASE

320

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

540'

## 19. PROPOSED DEPTH

6000

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3227.1 GR

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

Sept. 30, 1977

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	1000	Circulate
7 7/8"	5 1/2"	14 - 15.5#	6000	Enough to tie back to 8 5/8"

After reaching TD, logs and cores will be run and evaluated. Perforate and/or stimulate as necessary in attempting commercial production.

Mud - 0-1000' Native mud x water  
1000'-6000' Brine water x native mud and minimum mud to maintain good hole conditions.

BOP Program attached.

Archaeological reconnaissance attached.

(Application for unorthodox location filed with NMOCC). R-1564

"APPROVAL TO FLARE GRANTED  
WHILE DRILLING AND TESTING."

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Commercial, Unit P, Sec 15, T15N, R15E, S15E  
Expires 2-15-78

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

Ray W. Cox

TITLE

Administrative Assistant

DATE

9-2-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED  
NOV 15 1977

ARTHUR R. BROWN  
DISTRICT ENGINEER

0 + 4 - USGS, Art  
1 - Div.  
1 - RC  
1 - Conoco

\*See Instructions On Reverse Side

1 - Chevron  
1 - Tenneco  
1 - Arco  
1 - Susp.