

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, TX 79336

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

At surface

660' FSL X 1980' FWL, Section 9 (Unit N, SE $\frac{1}{4}$  SW $\frac{1}{4}$ )

At proposed prod. zone

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

2 $\frac{1}{2}$  miles northeast of Jal, NM

## 10. DISTANCE FROM PROPOSED\*

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

660'

## 16. NO. OF ACRES IN LEASE

80

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

3700'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3146.8 GR

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

May 2, 1978

## 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"	32#	1100'	Circulate
7-7/8"	5-1/2"	15.5#-17#	3700'	Circulate

Propose to drill and equip well in the Yates - Seven Rivers formation. After reaching TD, logs will be run and evaluated; perforate and stimulate as necessary in attempting commercial production.

Mud Program: 0 - 1100' - Native mud and fresh water.  
1100 - 3700' - Commercial mud and brine water to maintain good hole conditions.

COILED

EXPLOR - 7-7-78

BOP Program is attached.

Gas committed to El Paso Natural Gas Contract No. 36935

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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 Supervisor

DATE

3-28-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

0 &amp; 5 - USGS-H

1 - Div.

1 - Susp.

1 - RC

\*See Instructions On Reverse Side

APPROVED  
AS AMENDED

APR 7 1978

D. A. L.

ACTING DISTRICT ENGINEER

RECEIVED

APR 1 1978

OIL CONSERVATION COMM.  
HOBBBS, N. M.