

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  
Unit F, 1980 FNL & 1980' FWL, Sec.1, T-22-S, R-25-E  
At proposed prod. zone  
Canyon

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

8 miles west of Carlsbad, New Mexico

## 16. 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

O. C. C.

## 19. PROPOSED DEPTH, FEET

9800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

321.60

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3554.5 GR

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

April 28, 1978

## 23.

## 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#	150'	Circ. to Surface
12-1/4"	8-5/8"	24#	2300'	Circ. to Surface
7-7/8"	5-1/2"	17# & 20#	9800'	Tieback to 8-5/8" casing

Propose to drill & equip Canyon well at 9800'. Attempt commercial completion by perforating and stimulating as necessary.

Mud Program: 0' - 150' - Native mud & fresh water.  
150' - 2300' - Native mud & brine water.  
2300' - 9800' - Commercial mud & cut brine water to maintain safe hole conditions.

BOP Program attached.  
Archaeological Survey attached.

Gas not dedicated!

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



TITLE

Administrative Analyst (SE) DATE April 13, 1978

(This space for Federal or State office use)

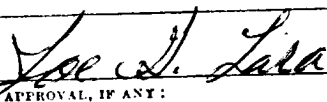
PERMIT NO.

APPROVAL DATE

MAY 23 1978

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:



TITLE ACTING DISTRICT ENGINEER

DATE

MAY 23 1978

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES AUG 23 1978

\*See Instructions On Reverse Side

RECEIVED

APR 14 1978

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO