

C/SF  
3.1.1

L.L.O.C.D. COPY

SUBMIT IN TRIPLIC  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-23604

## 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. Box 68 Hobbs, NM 88240

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

At surface

At proposed prod. zone 990' FSL X 1980' FWL, Sec. 3  
(Unit N, T-19-S, R-24-E)

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

19 miles southwest of Artesia, NM

## 15. DISTANCE FROM PROPOSED\*

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

## 16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

9000

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3678.4' GL

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

12-19-80

## 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#	400'	Circulate
12-1/4"	8-5/8"	36#	2000'	Circulate
7-7/8"	5-1/2"	17#, 20#	9000'	CMT up to 500' above Wolfcamp (approx. 4900')

Propose to drill and equip well in the Morrow formation. After reaching TD, logs will be run and evaluated. Perforate and stimulate as necessary in attempting commercial production.

MUD PROGRAM: 0'-400' Native mud and fresh water.  
400'- TD Commercial mud and brine with minimum properties for safe hole conditions. Raise viscosity and reduce water loss prior to Morrow penetration.

Archaeological survey attached

BOP program attached

Gas is not dedicated

0+6-USGS, A 1-Hou 1-Susp 1-LBG 1-W. Stafford, Hou 1-Pennzoil  
1-Coquina 1-HNG 1-Perry

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

TITLE Ast. Admin. Analyst

DATE 12-4-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

ACTING DISTRICT ENGINEER

JAN 08 1981

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: