

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY(Other instructions on  
reverse side)

30-015-23181

## 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 ☐

## 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  
At surface 1980' FSL x 1980' FEL, Sec. 34 (Unit 1980)

At proposed prod. zone

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

3.6 miles south of Malaga, NM

## 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.

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

3006.9 GR

## 16. NO. OF ACRES IN LEASE

ARTESIA OFFICE

## 19. PROPOSED DEPTH

13500'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

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

2-11-80

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	400'	Circulate to surf
17-1/2"	13-3/8"	48#	2500'	Circulate to surf
12-1/4"	9-5/8"	40#	10000'	Tie back to 13-3/8"
8-1/2"	7-5/8" liner	26.4#	12400'	Tie back to 9-5/8"
6-1/2"	4-1/2" liner	9.5#	13500'	Tie back to 7-5/8"

Propose to drill and equip well in the Morrow formation. After reaching TD log will be run and evaluated; perforate and or stimulate as necessary in attempting commercial production.

Mud Program: 0-400' Native mud and fresh water.  
400'-2500' Native mud and brine water.  
2500'-10000' Commercial mud and brine with minimum properties for safe hole conditions.  
10000'-13500' Commercial mud and brine. Raise viscosity and reduce water loss prior to Morrow penetration.

Archaeological Survey Attached  
Gas is not dedicated

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

Bob Davis

TITLE Assist. Admin. Analyst

DATE 1-16-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

2-14-80

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

0+4 USGS-H, 1-Hou, 1-Susp, 1-BD, 1-Pecos Irr.

\*See Instructions On Reverse Side