

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-23265

## 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 ☐

ARTESIAN OFFICE

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

ARCO Oil and Gas Company  
Division of Atlantic Richfield Company

## 3. ADDRESS OF OPERATOR

Box 1710, Hobbs, New Mexico 88240

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

At surface 1650' FSL &amp; 1980' FWL (Unit letter K)

At proposed prod. zone

as above

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

Northwest - 1 mi - Loco Hills N.M.

## 10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

## 18. DISTANCE FROM PROPOSED LOCATION\* (General American

TO NEAREST WELL, DRILLING COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

ARCO #1-275' No.

## 16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 19. PROPOSED DEPTH

11,300'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3660.1' GR

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

4/1/80

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT            | SETTING DEPTH | QUANTITY OF CEMENT     |
|--------------|----------------|----------------------------|---------------|------------------------|
| 26"          | 20" conductor  |                            | 30'           | Cmt w/Redi-mix to surf |
| 17 1/2"      | 13-3/8" OD     | 54.5# K-55                 | 400'          | 325 sx Circ to surf    |
| 11"          | 8-5/8" OD      | 28# S-80                   | 2650'         | 725 sx Circ to surf    |
| 7-7/8"       | 5 1/2" OD      | 15.5# & 17#<br>K-55 & N-80 | 11,300'       | 2250 sx 2000' FS       |

Propose to drill a development well to test the producing capabilities of the Morrow Gas.

Gas not dedicated.

Blowout Program attached.

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

Dist. Drlg. Supt.

DATE

3/13/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

3-31-80

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side