

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

NM OIL &amp; GAS COMMISSION

Drawer DD  
Artesia, NM 88210

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☐DEEPEN ☐RECEIVED  
PLUG BACK ☒

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Amoco Production Company ✓

O. C. D.

## 3. ADDRESS OF OPERATOR

P. O. Box 68, Hobbs, NM 88240

ARTESIA, OFFICE

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

At surface 1980' FNL X 1650' FEL, Sec. 3

(Unit G, SW/4, SE/4)

At proposed prod. zone

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

11 miles SE of Artesia, NM

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. 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.)

## 16. NO. OF MILES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 19. PROPOSED DEPTH &amp; GAS

## 20. ROTARY OR CABLE TOOLS

U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

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

## 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              | 1007          | 950                |
| 12-1/4       | 8-5/8          | 24, 32          | 5798          | 3128               |
| 7-7/8        | 5-1/2          | 14, 15.5        | 9957          | 1145               |

Propose to abandon the Atoka and recompleat in the Wolfcamp per the following: Pull tubing packer and tailpipe. Run in hole with CIBP and set at 9300'. Cap with 35' of cement. Run logs. Perforate Wolfcamp interval 7182'-86' with 2 JSPF. Run in hole with 2-3/8" tubing and packer. Set packer at 7100'. Land tailpipe at 7190'. Acidize with 1000 gallons 15% HCL. Swab test well. If interval 7182'-86' is commercially productive place on production. If it is not productive proceed as follows: Pull tubing, packer, and tailpipe. Run in hole with CIBP set at 7140'. Perforate Wolfcamp intervals 7036'-46' and 7086'-94' with 2 JSPF. Run in hole with 2-3/8 tubing. Set packer at 6900' land tailpipe at 6930'. Acidize with 4000 gallons 15% HCL with 50 ball sealers. Test well.

0+6-USGS,R 1-HOU 1-DMF 1-STAFFORD

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 Asst. Admin. Analyst

DATE 5-12-82

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

(Orig. Sgd.) PETER W. CHESTER

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 19 1982

FOR

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

\*See Instructions On Reverse Side