

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. Box 68 - Hobbs, NM 88240

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

At surface

1980' FNL &amp; 690' FWL, Sec. 18

At proposed prod. zone (Unit E, SW/4, NW/4)

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

## 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

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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

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## 20. ROTARY OR CABLE TOOLS

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

3635' GL

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

9-15-80

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	- Existing Casing will not be altered -			

Propose to recomplete well to the Bone Springs per the following procedure: Pull tubing and packer. Set a cast iron bridge plug at 12000' and cap with 35' Class H cement. Run a pipe recovery log from 7000' - 11000'. Perforate casing where free below 7000' with 4 JSPF and where free above 11000'. Set a cement retainer 40' below upper perfs and circulate fresh water. Circulate Class H cement with .3% Halad 4 down tubing and displace to within 50' of bottom perfs with fresh water. Pull tubing out of hole and WOC 24 hr. Drill out cement retainer and cement. Evaluate productivity.

RECEIVED  
SEP 8 1980

0+4-USGS,H 1-Hou 1-Susp 1-LBG 1-Wayne Stafford, Hou

U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

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

Bob Davis

TITLE

Administrative Analyst

DATE

9-4-80

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

P. Chester

SEP 12 1980

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\*See Instructions On Reverse Side