

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

At proposed prod. zone 1650' FWL & 1980' FNL
(Unit F, SE/4, NW/4)

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

13.5 miles southeast of Carlsbad, 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.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH
1290017. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS
Rotary

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

3012.4' GL

22. APPROX. DATE WORK WILL START*

12-23-80

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65#	400'	Circulate
14-3/4"	10-3/4"	45.5#	2700'	Circulate
9-1/2"	7-5/8"	39#	9800'	Cmt to 500' above Bone Springs (approx 5748')
6-1/2"	4-1/2"	13.5#	9300'-12900'	Circulate at 9300'

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'-2700' Native mud and brine
2700'-9800' Commercial mud and brine with minimum properties for safe hole conditions
9800'-TD Commercial mud and brine. Raise viscosity and reduce water loss prior to Morrow penetration.

Archaeological survey attached

Gas is not dedicated

BOP 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 hole location and proposed and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Ast. Admin. Analyst

DATE

12-29-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

ASST. DIST. ENGR.

DATE

JAN 22 1981

CONDITIONS OF APPROVAL, IF ANY:

0+6-USGS, A

1-Hou

1-Susp

1-LBG

1-W. Stafford, Hou

*See Instructions On Reverse Side