

UNIT 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' FSL & 990' FEL, Sec. 4

At proposed prod. zone (Unit I, NE/4 SE/4)

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

11 mile west of Dayton, 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.)

3692' GL

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"	51#	400'	Circulate to surface
12 1/4"	9 5/8"	36#	2000'	Circulate to surface
8 3/4"	5 1/2"	17#, 20#	9000'	Cement to 500' above Cisco (approx. 6300')

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

Mud Program: 0-400' Native mud and fresh water.
400-2000' Native mud and brine.
2000-TD Commercial mud and brine with minimum properties for safe hole conditions. Raise viscosity and reduce water loss prior to Morrow penetration.

BOP Program attached
Archaeological survey attached
Gas is not dedicated

0+6 - USGS, A 1-Hou 1-Sus 1-LBG 1-W. Stafford, Hou 1-HNG

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.

SIGNED

TITLE Asst. Admin. Analyst

DATE

1-26-81

(This space for Federal or State office use)

PERMIT NO

APPROVAL DATE

(Orig. S&4). GEORGE H. SIEGEL

APPROVED BY

ACTING DISTRICT ENGINEER

DATE

FEB 10 1981

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side