

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-025-27430

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 & 1980' FWL, Section 11

At proposed prod. zone (Unit #, NE/4, SW/4)

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

Approx. 9.5 miles south of Maljamar, NM

10. 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.

16. NO. OF ACRES IN

10. NO. OF ACRES IN

17. NO. OF ACRES ASSIGNED

TO THIS WELL

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

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

3841.8' 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"	48#	650'	Circulate to surface
12-1/4"	9-5/8"	40#	4900'	Tie back to 13-3/8"
8-3/4"	5-1/2"	17, 20, 23#	13300'	Tie back to 9-5/8"

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'-650' Native mud and fresh water
650'-4900' Native mud and brine
4900'-TD Commercial mud and brine with minimum properties for safe hole conditions. Will raise viscosity and reduce water loss prior to Morrow penetration

Archaeological survey attached

BOP Program Attached

Gas is not dedicated.

0+6-USGS, H 1-Hou 1-Susp 1-LBG 1-W. Stafford, Hou 1-E Paso Explorati

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

Benton Green

TITLE

Assist. Admin. Analyst

DATE

4-28-81

(This space for Federal or State office use)

PERMIT NO.

GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

MAY 7 1981

TITLE

CONDITIONS FOR APPROVAL, IF ANY:

JAMES A. GILLHAM
DISTRICT SUPERVISOR