

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. Drawer A, Levelland, Texas 79336

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

At surface

1980' FNL X 1980' FWL, Sec. 6, (Unit F, SE/4 of NW/4)

At proposed prod. zone

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

21 miles southeast of Maljamar, 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
14000'17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

3699.7 GR

22. APPROX. DATE WORK WILL START*

9-30-78

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"	54.5#	450'	Circulate
12 1/2"	9 5/8"	40#	5000'	Circulate
8 3/4"	5 1/2"	15.5#, 17#	14000'	Tie back to 9 5/8"

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

Mud program 0' - 450' - Native mud and fresh water
 450' - 5000' - Commercial mud and brine water to maintain good hole condition
 5000' - 12500' - Commercial mud and cut brine water
 12500' - 14000' - Commercial mud w/KCL for 6% system and cut brine water.

BOP program attached. "APPROVAL TO FLARE GRANTED

Gas is not dedicated. WHILE DRILLING AND TESTING."

Archaeological clearance report attached.

*Note: Well #3 was previously approved for drilling on 6-20-78 - Location moved 1320' west and new application for permit is hereby filed.

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

Admin. Analyst (SG)

DATE

9-6-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

0+5-USGS-H

1-Div

1-Susp

1-RC

Unless Drilling Operations have
Commenced, this drilling approval
Expires 12-22-78

*See Instructions On Reverse Side

