

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 all State requirements.)  
At surface 300' FNL & 2600' FEL  
At proposed prod. zone (Unit B, NW/4, NE/4)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
29 miles southwest of Carlsbad, NM

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

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
10900'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4225.0'

22. APPROX. DATE WORK WILL START\*  
5-15-81

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

7. UNIT AGREEMENT NAME  
MAY 14 1981

8. FARM OR LEASE NAME  
Federal BL

9. WELL NO.  
1

10. FIELD AND POOL OR WILDCAT  
Wildcat Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Unit B 17-23-24

5. LEASE DESIGNATION AND SERIAL NO.  
NM-0560247-28636

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
RECEIVED

## 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#	400'	Circulate to surface
12-1/4"	9-5/8"	36#	2500'	Circulate to surface
8-3/4"	5-1/2"	17, 20#	10900'	Cement to 500' above Wolfcamp (approx. 7350')

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'-2500' Native mud and brine  
2500'-TD Commercial mud and brine with minimum properties for safe hole conditions. Will raise viscosity and reduce water loss prior to Morrow penetration.

GAP NOT DEDICATED NSL-1359 X-29-81

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

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 5-1-81

(This space for Federal or State office use)

PERMIT NO. (Orig. 8-1) GEORGE H. STEWART APPROVAL DATE

APPROVED BY MAY 12 1981 TITLE

CONDITIONS OF APPROVAL, IF ANY:  
JAMES A. GILHAM  
DISTRICT SUPERVISOR

See Instructions On Reverse Side