

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
2200' FNL & 660' FEL, Sec 24 (Unit H, SE/4 NE/4)
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
7 miles Southwest of Monument, New Mexico

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
3,600'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3540.4 GR

22. APPROX. DATE WORK WILL START*
N/A

5. LEASE DESIGNATION AND SERIAL NO.
LC-031736 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
CA-4659

8. FARM OR LEASE NAME
Gillully Federal Gas Com

9. WELL NO.
17

10. FIELD AND POOL, OR WILDCAT
Eumont Queen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
24-20-36

12. COUNTY OR PARISH
Lea

13. STATE
NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	1,200'	Circ to Surface
7 7/8"	5 1/2"	14#	3,600'	Circ to Surface

After reaching TD, logs will be run and evaluation made. Perforate and/or stimulate as necessary in attempting commercial production.

Mud: 0 - 1,200' Native mud and fresh water.
 1,200'- 3,600' Brine water, native mud and sufficient commercial mud to maintain good hole conditions.

BOP program is attached
 Archaeological reconnaissance attached.
 Gas is dedicated to Northern Natural Gas Company

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APR 25 1979

U. S. GEOLOGICAL SURVEY
 HOBBS, NEW MEXICO

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 Randy Atkins TITLE Administrative Analyst DATE April 24, 1979
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

- 0+5-USGS, H
- 1-Houston
- 1-RWA
- 1-Susp
- 1-Arco

*See Instructions On Reverse Side

APPROVED AS AMENDED
 DATE MAY 2 1979
James F. Sims
 JAMES F. SIMS
 DISTRICT ENGINEER

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MAY - 8 1979

OIL CONSERVATION COMM.
HOUSTON, TX 77001