

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.
15

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

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 1650' FNL & 990' FWL (Unit E, Sec.24)
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 480
17. NO. OF ACRES ASSIGNED TO THIS WELL 480

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH 3750'
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3553.4 GR
22. APPROX. DATE WORK WILL START*
February 15, 1978

23. 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#	1200'	Circ. to Surface
7-7/8"	5-1/2"	14#	3750'	Circ. to Surface

WHILE DRILLING AND TESTING"

After reaching TD, logs will be run and evaluated. Perforate and/or stimulate as necessary in attempting commercial production.
Mud - 0' - 1200' - Native mud & fresh water.
1200' - TD 3750' - Brine water, native mud & sufficient commercial mud to maintain good hole conditions.

BOP Program attached.
Archaeological reconnaissance attached.
Gas is dedicated to Northern Natural Gas Co.

CONDITIONS OF APPROVAL

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 D. R. Couch D. R. Couch TITLE Admin. Analyst (SG) DATE 2-3-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED AS AMENDED
FEB 21 1978
A. O. L.
ACTING DISTRICT ENGINEER

045. USGS-H-466
1. Div. 6.
1. SUSPENSE

*See Instructions On Reverse Side

REDEMCO

FEB 28 1978

OIL CONSERVATION COMM.
HOBBS, N. M.

RECEIVED
OIL CONSERVATION COMM.