

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

LC NM-068037

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MESCALERO 29 FEDERAL COM

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

QUAIL RIDGE (MORROW)

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 29, T19S, R34E

12. COUNTY OR PARISH

13. STATE

LEA

N. MEXICO

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

PENNZOIL COMPANY

3. ADDRESS OF OPERATOR

P.O. DRAWER 1828 MIDLAND, TEXAS 79702-1828

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

At surface

1980' FSL & 1650' FWL, SECTION 29, T-19-S, R-34-E

At proposed prod. zone

SAME

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

24 MILES WEST OF HOBBS, NEW MEXICO

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1650'

16. NO. OF ACRES IN LEASE

280

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NONE

19. PROPOSED DEPTH

13,700'

20. ROTARY OR CABLE TOOLS

ROTARY

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

3668.7 GR

22. APPROX. DATE WORK WILL START*

5-15-83

23. PROPOSED CASING AND CEMENTING PROGRAM

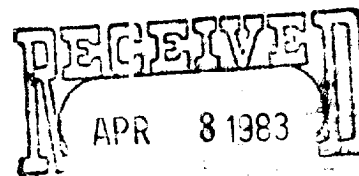
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48	400'	500sx CIRCULATE
11	8 5/8	24 & 32	5000'	1200sx CIRCULATE
7 7/8	4 1/2 5/8	11.6 & 13.5 20 & 17	13,700'	800sx

Plan to drill and complete a 13,700' development well to the Morrow Gas zone.

Bottom hole location to be essentially the same as surface location and true
vertical depth the same as measured depth. Blowout Equipment required by Pennzoil
is attached. (See attachments # 1, 2, & 3).

See Attached Note For Compliance with NTL-6.

Gas is dedicated to Gas Company of New Mexico.

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, 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

TITLE Operations Superintendent

DATE 3-24-83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

RECEIVED

JUL 18 1993

O.C.D.
HOBBS OFFICE