

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

COPY TO O. C. C.

30-025-26610
5. LEASE DESIGNATION AND SERIAL NO.

NM-15024

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

New Mexico Federal "G" Comm

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated (D)

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
J. Salt Lake Morrow

Sec. 6, T-21-S, R-32-E

12. COUNTY OR PARISH

Lea

13. STATE

N. M.

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Grace Petroleum Corporation

3. ADDRESS OF OPERATOR

P. O. Drawer 2358, Midland, Texas 79702

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

At surface

660' FEL & 4650' FSL

At proposed prod. zone

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

5 miles SE of Halfway, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)660' to lease line
630' to unit line

16. NO. OF ACRES IN LEASE

320 (Comm.)

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.

2640'

19. PROPOSED DEPTH

14,300'

20. ROTARY OR CABLE TOOLS

Rotary

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

3653' GR

22. APPROX. DATE WORK WILL START*

11-1-78

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#	470'	650 (circulate)
12 1/4"	9 5/8"	43.5 & 40#	5200'	2335 (circulate - 2 stages)
7 7/8"	5 1/2"	17 & 20#	14300'	875

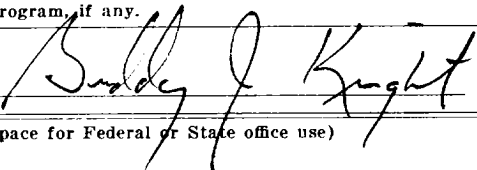
See attached sheet for casing and cementing programs. The well will be drilled to a depth of 14,300' to test the Morrow Sands. Dual 1500 series ram type blowout preventers and one Hydril will be used.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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 District Production Mgr.

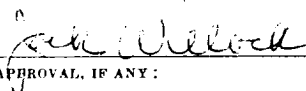
DATE 10-2-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY



TITLE

Acting District Production Mgr.

DATE

1979

CONDITIONS OF APPROVAL, IF ANY: