

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

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' FSL &amp; 760' FEL

At proposed prod. zone

1320' FSL &amp; 1320' FWL

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

1½ mile southeast of Halfway, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1880' to  
lease line

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

100'

## 16. NO. OF ACRES IN LEASE

480 (Fed. lse.)

## 19. PROPOSED DEPTH

14,100' \*\*

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320\*(160 St. Lse. &amp; 160 Fed. Lse.)

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3587' GR

## 22. APPROX. DATE WORK WILL START\*

Upon Approval

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	1200'	2210 sx (circulate)
17½"	13 3/8"	48#	2800'	1730 sx (circulate)
12¼"	9 5/8"	53.5#	5200'	1800 sx (circ - 2 stages)
8½"	5½"	17, 20 & 23#	14100'	913 sx

\* Surface location will be on Fee acreage as follows: 660' FSL & 760' FEL of Section 25, T-20-S, R-32-E N.M.P.M.

Bottom Hole location will be under Federal acreage (Federal Lease NM-15907) as follows: Bottom of hole will be in the approximate center of the SW/4 of the same Section 25 (within a target of 200' radius and 3200' from the surface location in a direction of N 79° W).

Acreage Dedication: 160 acres of Federal Lease NM-15907 (N/2 of proration unit) and 160 acres of State Lease L 6452 (S/2 of proration unit).

\*\* T.D. 14,100' TVD 13,600'

RECEIVED

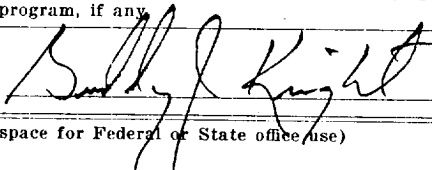
APR 20 1979

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 production 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 Manager DATE 4-16-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

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JUN 15 1979  
OIL CONSERVATION COMM.  
HOBBBS. N. M.

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