

U. S. M. OIL & GAS COMMISSION  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN T. CATE\*  
(Other instructions on  
reverse side)

20-025-31252  
Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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

Attention: Bill Baswell

3. ADDRESS OF OPERATOR

6501 N. Broadway, Oklahoma City, OK 73116 (405) 840-6600

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

At surface

330' FSL & 330' FEL

At proposed prod. zone

330' FSL & 330' FEL

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

30 miles SW of Hobbs, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 330'

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

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2264'

16. NO. OF ACRES IN LEASE

959.96'

19. PROPOSED DEPTH

9750'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

GR 3581.8

22. APPROX. DATE WORK WILL START\*

June 1, 1991

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 lb/ft	480'	500 sxs circ. to surface
12-1/4"	8-5/8"	28 & 32 lb/ft	5200'	4400 sxs circ. to surface
7-7/8"	5-1/2"	17 lb/ft	9750'	1400 sxs cmt to 4500'

13-3/8" casing: Circulate to surface using 500 sxs premium plus cement containing 2% calcium chloride.

8-5/8" casing: Cement in two stages with multiple stage cementer @ 3800'. First stage 600 sxs light containing 16 lbs salt & 1/4 lb flocele, tailing w/200 sxs premium plus containing 2% calcium chloride. Second stage w/3400 sxs light containing 16 lbs salt & 1/4 lb flocele, tailing w/200 sxs premium plus containing 2% calcium chloride.

5-1/2" casing: Cement w/1200 sxs 50/50 premium poz mix containing .6% Halad 22A - .5 lbs KCL tailing w/200 sxs prem. plus w/2% CaCl<sub>2</sub>.

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

William P. Baswell

TITLE Operations Engineer

DATE 4/29/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE 5/22/91

CONDITIONS OF APPROVAL, IF ANY:

GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

ATTACHED

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.