

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 Attn: Bill Baswell

3. ADDRESS OF OPERATOR

6501 N. Broadway, Oklahoma City, OK 73116

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

At surface

660' FEL & 1980' FNL

At proposed prod. zone

same

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

8 miles NE of Halfway & 28 miles SW of Hobbs, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

1361.4

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.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

Completion Rig

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

KB 3630.1 GL 3603.7

22. APPROX. DATE WORK WILL START\*

September 10, 1990

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'	3565 sxs. 2 stage
7-7/8"	5-1/2"	17 & 20 lb/ft	13,705'	2225 sxs. 2 stage

The Grace Federal #1-1 was drilled as a Morrow test and pipe was set as detailed above. The Morrow was perforated 13,304-16', 13,391-97', 13,414-19', 13,428-34' 8/15/90 but not productive.

Proposed Bone Springs Recompletion:

1. POOH w/tbg. Set CIBP @  $\pm$  13,175' w/20' cmt on top.
2. Block sqz. Lower Bone Springs & test Lower Bone Springs 10,260-326' & stimulate if necessary.
3. If Lower Bone Springs not productive set CIBP @  $\pm$  10,200' w/20' cmt on top.
4. Block sqz Middle Bone Springs & test Middle Bone Springs 9414-9514' & stimulate if necessary.
5. Complete as Bone Springs oil well flowing or on artificial lift.

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*  
William P. Baswell

TITLE

Operations Engineer

DATE

9/5/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Orig. Signed by *William P. Baswell*

APPROVED BY

TITLE

PETROLEUM ENGINEER

DATE

9-11-90

CONDITIONS OF APPROVAL, IF ANY:

\*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.

RECEIVED

**SEP 14 1990**

OCT  
HOBBS OFFICE