

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

Chace Oil Company, Inc.

3. ADDRESS OF OPERATOR

313 Washington S.E. Albuquerque, NM 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surfaceUnit M 620' WL & 490 SL
At proposed prod. zone

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

Lindrith NM 18 miles N & E

15. DISTANCE FROM PROPOSED*

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

490'

16. NO. OF ACRES IN LEASE

2580

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

6500

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

7004 DF

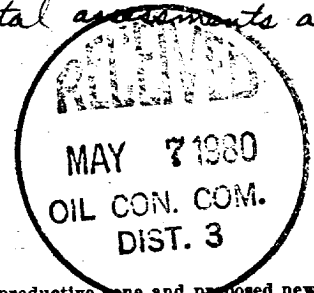
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	10 3/4"	32	164	120
8 3/4	7"	20	2851	100

Plan to squeeze present perfs in the PC from 2726' - 2740' due to low volume of gas produced. Go in with 6 1/4" bit and drill with air to a total depth of 6500' testing Mesaverde and Gallup Formations. Complete well in Gallup from 5985' - 6200'. Should water prevent air drilling an oil emulsion mud system will be used. The usual 5000# BOP will be installed when commencing work. Prod. Csg. will be 4 1/2" 10.5 API. No new roads will be needed. Location to be enlarged to satisfy rig.

We have determined that any further environmental requirements are unnecessary.



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

*Royce McCarty*APPROVED
AS AMENDED

DATE 3-28-80

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

MAY 1980
James F. Sims
JAMES F. SIMS
DISTRICT ENGINEER

RECEIVED

MAR 31 1980

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

*See Instructions On Reverse Side