

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-22681

## 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 surface Unit "C" 790' NL & 1850' WL  
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.  
Jicarilla 70

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Jicarilla 70

9. WELL NO.  
5

10. FIELD AND POOL, OR WILDCAT  
Lindreth, NM

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 27, T24N, R4W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Lindreth, NM 12 miles N.E.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
790'

16. NO. OF ACRES IN LEASE  
2560

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
3000'

19. PROPOSED DEPTH  
7600

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6963 GR

22. APPROX. DATE WORK WILL START\*  
June 1981

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-1/2	8-5/8	26#	250'	225 SXS

Drill 205' of 9-3/4" surface hole. Set 200' 8-5/8" casing. Cement to surface with 200 sxs using oil base mud (15%) oil and Schaeffer 3000# standard doublegate hydraulic BOP. Drill a 7-7/8" hole 500 feet to test the Dakota formation.

3) Wasatch formation on surface.

6) Ojo - 2195'; Pictured Cliff - 2873'; Chacra - 3750'; Cliff House - 3892'; Point Lookout - 5200'; Gallup - 6210'; Greenhorn - 7110'; Dakota "A" 7220'; Burro Canyon - 7350.

7) 2200 - 2800' water; 2870-3000 gas; 6200-6400 oil; 7195-7270, oil 7350-7410 water.

NEW 4-1/2" 10.5# casing to be run to 7350'. Cemented in two stages. 7310' float collar. Second stage 3200' 800 sxs 50-50 posmix and Class "B" cement with 2% calcium chloride, 6 1/4# Gilstone per sack.

12) Will log with induction and density logs. No cores. 13) No hazards expected. This action is subject to compliance with

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.

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

DATE 1/21/81

24. SIGNED Rayce McCary TITLE President

(This space for Federal or State office use)

PERMIT NO.

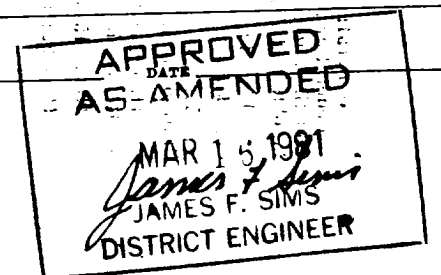
APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



Suppose that the  
 1990-1991 season  
 1991-1992 season

All distances must be from the outer boundaries of the section.			
OWNER	LEASE	70	70-5
CHACE OIL COMPANY	<del>CHACE</del> JICARILLA		

700 feet from line NORTH 1850 feet from line WEST

6063	Gallup Dakota	S. Lindrith	40
------	---------------	-------------	----

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

27

MAR 17 1968  
ON CON. COM.  
DIST. 3

### CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

best of my knowledge and belief.

Eugene W. Carey

Name \_\_\_\_\_

Name Royce McCARY

Position: President

Company CHACE & Co

Date 3/20/81

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
6 June 1978

Registered Professional Engineer  
James P. Leese

Cemex, Inc.

