

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 surface 1935' FSL & 675' FEL; Unit "I"  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
16 miles w-sw of Lindreth, N. Mex.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1935'

16. NO. OF ACRES IN LEASE 2560

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2300'

19. PROPOSED DEPTH 7350'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7040' GR

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

5. LEASE DESIGNATION AND SERIAL NO. 30-039-22815

6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla 70

7. UNIT AGREEMENT NAME Jicarilla Apache

8. FARM OR LEASE NAME Jicarilla 70

9. WELL NO. 14

10. FIELD AND POOL, OR WILDCAT s. Lindreth-Gallup-

11. SEC., T., R., M., OR NEPT. AND SURVEY OR AREA Dakota Sec. 33, T24N, R4W

12. COUNTY OR PARISH 13. STATE Rio Arriba N. Mex.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 3/4"	8 5/8"	24	200	200 sxs
DRILLING OPERATIONS AUTHORIZED ARE		This action is subject to administrative appeal pursuant to 30 CFR 290.		
SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"				

Drill 205' of 9 3/4" surface hole. Set 200' of 8 5/8" casing, cement to surface with 200 sxs using oil base mud (15%) and Schaeffer 5000# standard doublegate BOP. Drill a 7 7/8" hole to 7350' to test the Dakota Formation.

Wasatch formation on surface. Estimated tops: Ojo-2120'; Pictured Cliff-2860'; Cliff House-3780'; Point Lookout-5070'; Gallup-5910'; Greenhorn-6860'; Dakota "A"-6980'; Burro Canyon-7200'.

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 \_\_\_\_\_ TITLE Geologist DATE 7/17/81

(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

110000

OIL CON. CO.  
DIST. 3