

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

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 'B' - 510' FNL & 2153' FEL

At proposed prod. zone

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

15 miles W-SW of Lindrith, New Mexico

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

2153' to lease line  
487' to unit line

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

1100'

16. NO. OF ACRES IN LEASE  
2560

19. PROPOSED DEPTH  
7625'

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7404 GR

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

23. "GENERAL REQUIREMENTS"  
PROPOSED CEMENTING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START\*  
8-15-84  
This action is subject to administrative  
appeal pursuant to 30 CFR 290.4

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#(J-55)	225'	225 sxs (405 CF) Class B Cement
7 7/8"	4 1/2"	11.6#(N-80)	7625'	1st Stage: 750 sxs (2350 CF) 50/50 pozmix 2nd stage: 505 sxs (909 CF) 40/60 pozmix (12% gel) 40 sxs (72 CF) Class B cement

Drill 230' of 12 1/4" surface hole. Set 225' of 8 5/8" casing. Cement to surface with 225 sxs (405 CF) cement. Use an oil base mud (15% oil) and Schaeffer 5000# standard doublegate hydraulic BOP. Drill 7 7/8" hole to 7625' to test the Dakota formation.

Estimated Tops:

Ojo Alamo	2660'	Point Lookout	5205'	Dakota 'A'	7289'
Picture Cliffs	3057'	Gallup	5867'	Dakota 'D'	7427'
Chacra	3429'	Tocito	6879'	Burro Canyon	7525'
Cliff House	4607'	Greenhorn	7191'		

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. Also blowout preventer program, if any.

24. SIGNED Monte Anderson TITLE Geologist

(This space for Federal or State use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

TITLE

APPROVED

DATE 6-25-84  
AS AMENDED

JUL 18 1984

Stan McKee

AREA MANAGER  
FARMINGTON RESOURCE AREA

NMOCC

\*See Instructions On Reverse Side

All distances must be from the outer boundaries of the Section.

Operator <b>CHACE OIL COMPANY</b>			Lease <b>JICARILLA Tribal Contract #47</b>		Well No. <b>47-11</b>
Unit Letter <b>B</b>	Section <b>13</b>	Township <b>23 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <b>510</b> feet from the <b>NORTH</b> line and <b>2153</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>7404</b>	Producing Formation <b>Gallup - Dakota</b>		Pool <b>S. Lindvith, Gallup Dakota</b>	Dedicated Acreage: <b>40</b>	

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 Division

**RECEIVED**  
JUN 28 1984  
BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

**RECEIVED**  
JUL 26 1984  
OIL CON. DIV.  
DIST. 3

CERTIFICATION

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

Name Monte Anderson  
Position Geologist  
Company Chace Oil Co., Inc.  
Date 6-26-84

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 6-18-84  
Registered Professional Engineer and/or Land Surveyor

Mark C. Edwards

Certificate No. 6857

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND SURVEY

299

300

301

12 30'

302 R 4 W

R 3 W

303 (BILLY RICE C

4556 1 S

