

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, New Mexico 87108

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

At surface

Unit 'G' 2127' FNL, 2003' FEL

At proposed prod. zone

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

16 miles W-SW of Lindrith, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 2127' Lease Line

## 16. NO. OF ACRES IN LEASE

2560

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

1377'

## 19. PROPOSED DEPTH

7550'

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

7320 GR

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

## 22. APPROX. DATE WORK WILL START\*

11-15-84

## 23.

PROPOSED CASING MONITORING PROGRAM

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24# (J-55)	225'
7 7/8"	4 1/2"	11.6# (N-80)	7549'

225 sxs (405 CF) Class B cement  
1st stage: 750 sxs (1350 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 7550' to test Dakota Formation.

Wasatch Formation at surface

Estimated Tops:

Ojo	2630'	Tocito	6860'
Picture Cliffs	3050'	Greenhorn	7180'
Chacra	3320'	Dakota 'A'	7260'
Cliff House	4630'	Dakota 'D'	7390'
Pt. Lookout	5210'	Burro Canyon	7500'
Gallup	5860'		

Logging Program: Run Dil, FDC-CNL and Cyberlook from T.D. to surface casing.

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

Monte Anderson

TITLE

Geologist

(This space for Federal or State office use)

PERMIT NO.

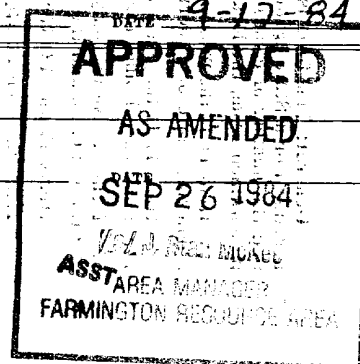
APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
SEP 28 1984  
OIL CON. DIV.  
DIST. 3  
See Instructions On Reverse Side

NMOCC



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

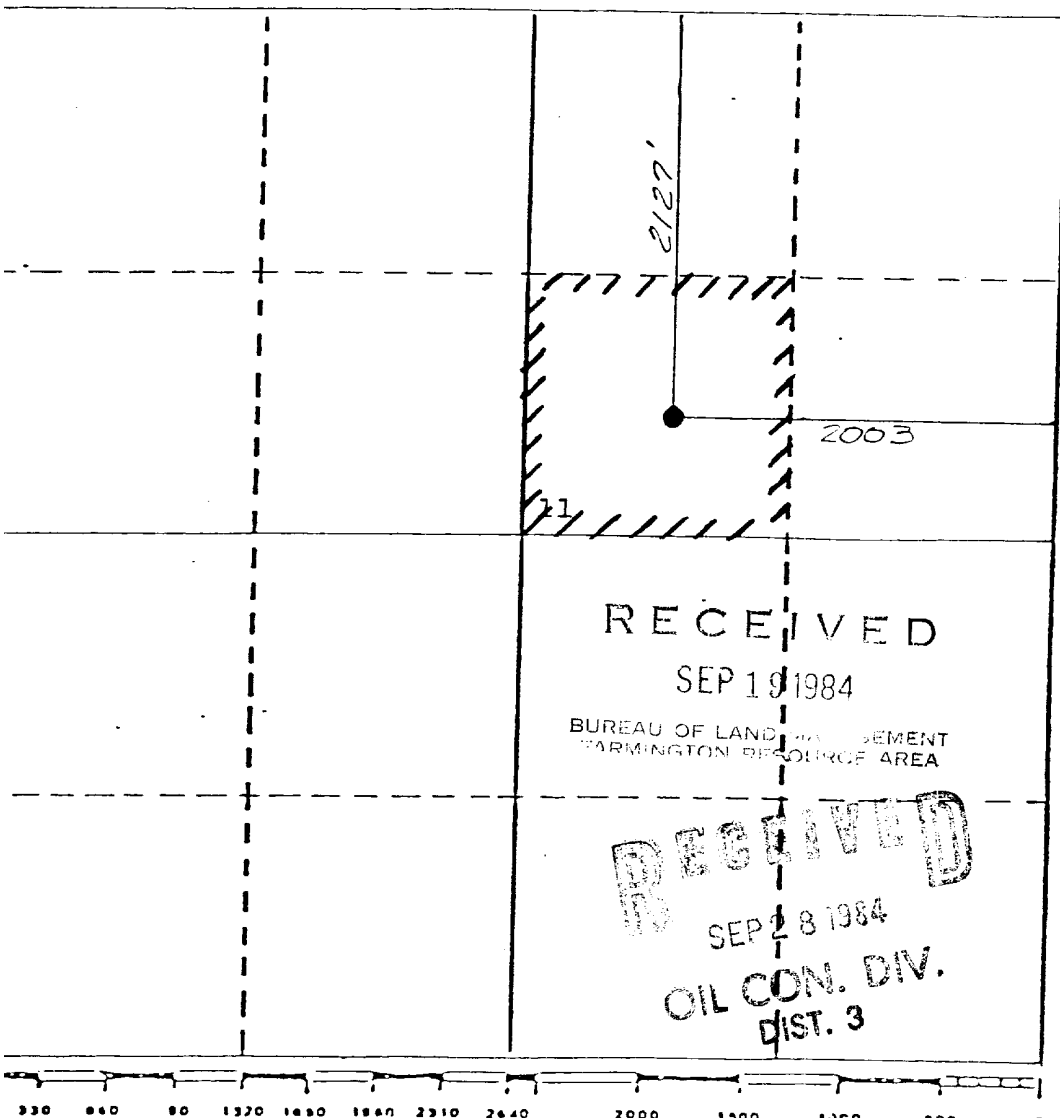
Operator CHACE OIL COMPANY, INC.			Lease <i>Quail</i> Tribal Contract #47		Well No. <del>47</del> 15
Unit Letter G	Section 11	Township 23 NORTH	Range 4 WEST	County RIO ARRIBA	
Actual Footage Location of Well: 2127 feet from the NORTH line and 2003 feet from the EAST line					
Ground Level Elev. 7320	Producing Formation Gallup Dakota		Pool South Lindrith Gallup-Dakota	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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



## 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.*  
Date  
*9-17-84*

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 are true and correct to the best of my knowledge and belief.

*Michael Daly*  
Date Surveyed  
March 20, 1984

Registered Professional Engineer  
and/or Land Surveyor

Michael Daly

Certificate No.  
5992

