

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK:

DRILL ☒

RECEIVED  
DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

FEB 13 1986

SINGLE ZONE ☐

MULTIPLE ZONE ☒

2. NAME OF OPERATOR

Chace Oil Company, Inc.

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

3. ADDRESS OF OPERATOR

313 Washington SE, Albuquerque, NM 87108

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

At surface

1919' FNL & 2234' FWL, Unit 'F', Section 14, T23N, R4W

At proposed prod zone

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

15 miles west-southwest of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg unit line, if any.)

2234' from lease line

406' from unit line

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

1750'

7425'

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

7280' GR

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"  
PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4.

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)	7425'

225 sks (405 CF) Class B cement  
1st stage: 750 sks (1350 CF)  
50/50 pozmix.  
2nd stage: 505 sks (909 CF)  
40/60 pozmix (12% gel)  
40 sks (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 sks (405 CF) cement. Using a water base mud (15% oil) and Schaeffer 5000# standard doublegate hydraulic BOP, drill 7 7/8" hole to 7425' to test the Dakota formation. Logging program: Run Dil, Caliper, GR, SP, FDC-CNL from T. D. to surface.

Estimated Tops:

Ojo Alamo	2477'	Point Lookout	5022'	Dakota 'A'	7128'
Picture Cliffs	2892'	Gallup	5722'	Dakota 'D'	7268'
Chacra	3242'	Tocito	6734'	Burro Canyon	7372'
Cliff House	4442'	Greenhorn	7037'		

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

DATE

2-10-86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

MAR 03 1986

APPROVED BY

TITLE

OIL CON. DIV.  
DIST. 3

DATE

FEB 27 1986

M. MILLENBACH  
AREA MANAGER

NMOCC

\*See Instructions On Reverse Side

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-78

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

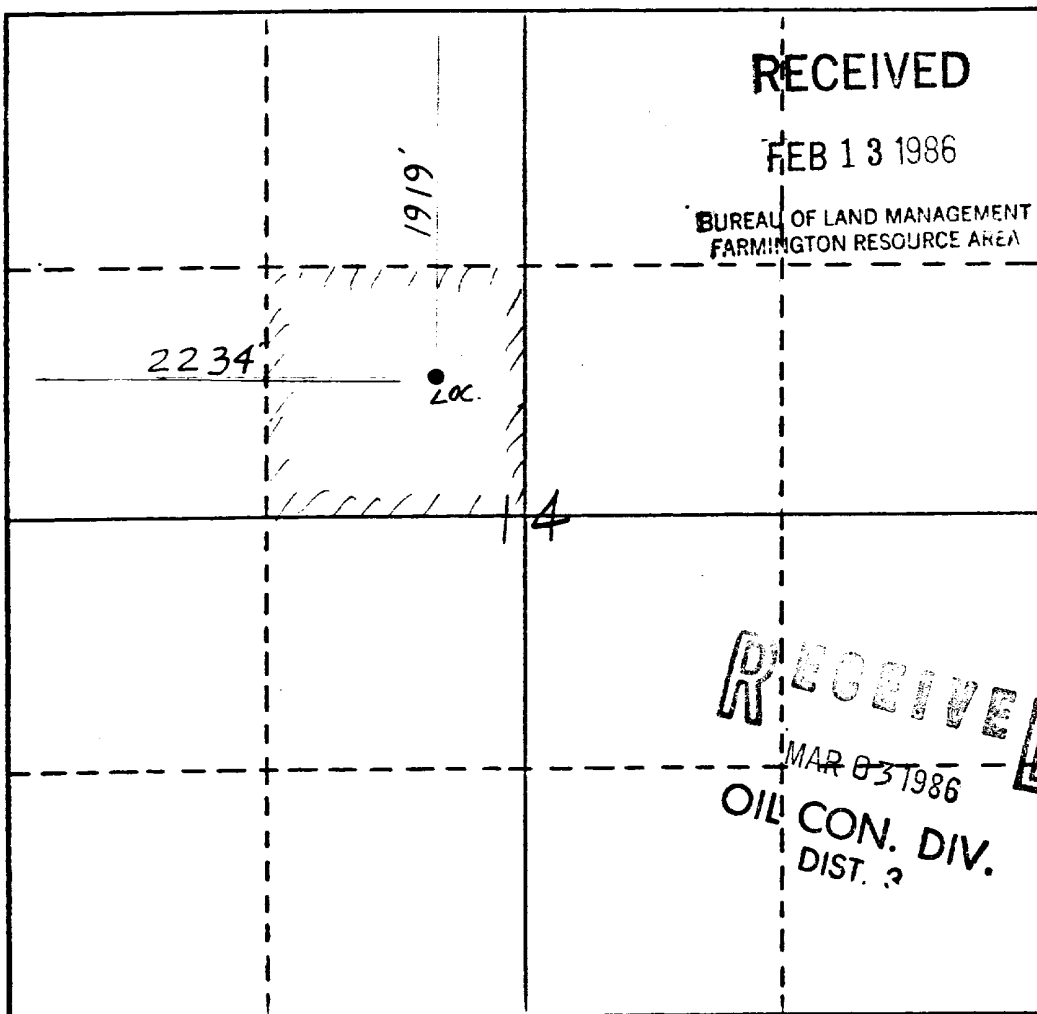
Operator <b>CHACE OIL COMPANY</b>			Lease <b>JICARILLA 47</b>		Well No. <b>47-25</b>
Unit Letter <b>F</b>	Section <b>14</b>	Township <b>23 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARRIBA</b>	
Actual Footage Location of Well: <b>1919</b> feet from the <b>NORTH</b> line and <b>2234</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>7280'</b>	Producing Formation <b>Gallup- Dakota</b>		Pool <b>South Lindrieth Gallup-Dakota</b>	Dedicated Acreage: <b>40</b> 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.

*Monte Anderson*

Name \_\_\_\_\_

*Geologist*

Position \_\_\_\_\_

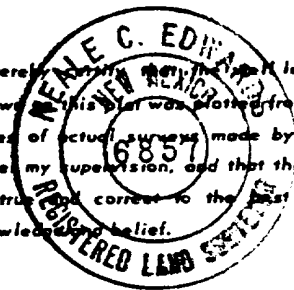
*Chace Oil Comp.*

Company \_\_\_\_\_

*1-30-86*

Date \_\_\_\_\_

I hereby certify that the 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 \_\_\_\_\_

*1-20-86*

Registered Professional Engineer and/or Land Surveyor

*W. C. Edwards*

Certificate No. \_\_\_\_\_

*6857*

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

