

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

30-039-24007

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 SE, Albuquerque, NM 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface 1738' FSL & 2276' FEL, Unit 'J', Section 12, 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.  
 2276' from lease line  
 364' from unit line

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 1800'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 DRILLING OPERATIONS AUTHORIZED ARE  
 7442' GR SUBJECT TO COMPLIANCE WITH ATTACHED

23. PROPOSED CASING AND CEMENTING PROGRAM

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)	7650'

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

QUANTITY OF CEMENT  
 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 7650' to test the Dakota formation. Logging program: Run Dil, Caliper, GR, SP, FDC-CNL from T. D. to surface.

Estimated Tops:

Ojo Alamo	2685'	Point Lookout	5230'	Dakota 'A'	7336'
Picture Cliffs	3100'	Gallup	5930'	Dakota 'D'	7476'
Chacra	3450'	Tocito	6942'	Burro Canyon	7580'
Cliff House	4650'	Greenhorn	7245'		

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 location 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: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

AS AREA MANAGER

J. Stan McKee  
M. MILLENBACH  
 AREA MANAGER

OK  
 [Signature]

NMOCC

\*See Instructions On Reverse Side

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

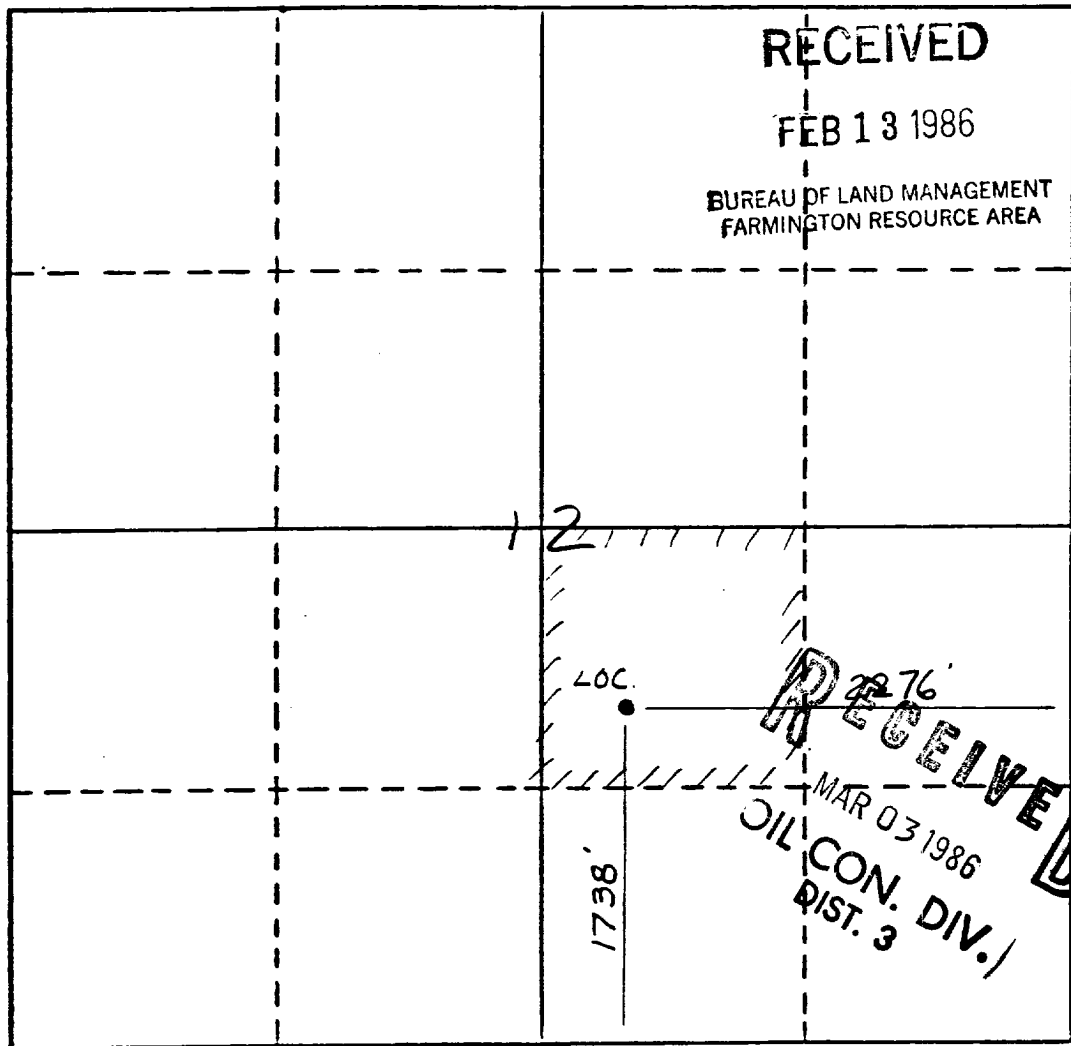
Operator <b>CHACE OIL COMPANY</b>		Lease <b>JICARILLA 47</b>		Well No. <b>47-32</b>	
Unit Letter <b>J</b>	Section <b>12</b>	Township <b>23 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARRIBA</b>	
Actual Footage Location of Well: <b>1738</b> feet from the <b>SOUTH</b> line and <b>2276</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>7442'</b>	Producing Formation <b>Gallup - Dakota</b>	Pool <b>South Lindvith Gallup - Dakota</b>		Dedicated Acreage: <b>40</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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

FEB 13 1986

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

RECEIVED  
MAR 03 1986  
OIL CON. DIV. 1  
DIST. 3

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

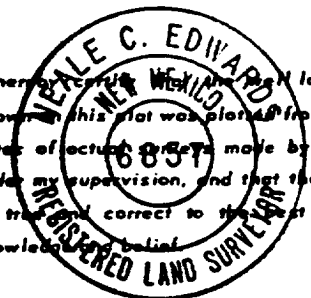
*Chace Oil Comp.*

Company

*2-4-86*

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

*1-28-86*

Registered Professional Engineer and/or Land Surveyor

*Wiley C. Edwards*

Certificate No.

*6857*