

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

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:

448' FNL & 1655' FWL, Unit 'C', 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.  
(Also to nearest drilg unit line, if any.)

448' from lease line  
335' from unit

16. NO. OF ACRES IN LEASE  
2560

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

1300'

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.)

7376' GR

DRILLING OPERATIONS AUTHORIZED ARE

22. SUBJECT TO COMPLIANCE WITH ATTACHED PROPOSED CASING AND CEMENTING PROGRAM "GENERAL REQUIREMENTS".

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	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24# (J-55)	225'	225 sks (405 CF) Class B cement
7 7/8"	4 1/2"	11.6# (N-80)	7625'	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 7625' to test the Dakota formation. Logging program: Run Dil, Caliper, GR, SP, FDC-CNL from T. D. to surface.

Estimated Tops:

Ojo Alamo	2639'	Point Lookout	5184'	Dakota 'A'	7290'
Picture Cliffs	3054'	Gallup	5884'	Dakota 'D'	7430'
Chacra	3404'	Tocito	6896'	Burro Canyon	7534'
Cliff House	4604'	Greenhorn	7199'		

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

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

\*See Instructions On Reverse Side

Title 16 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

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

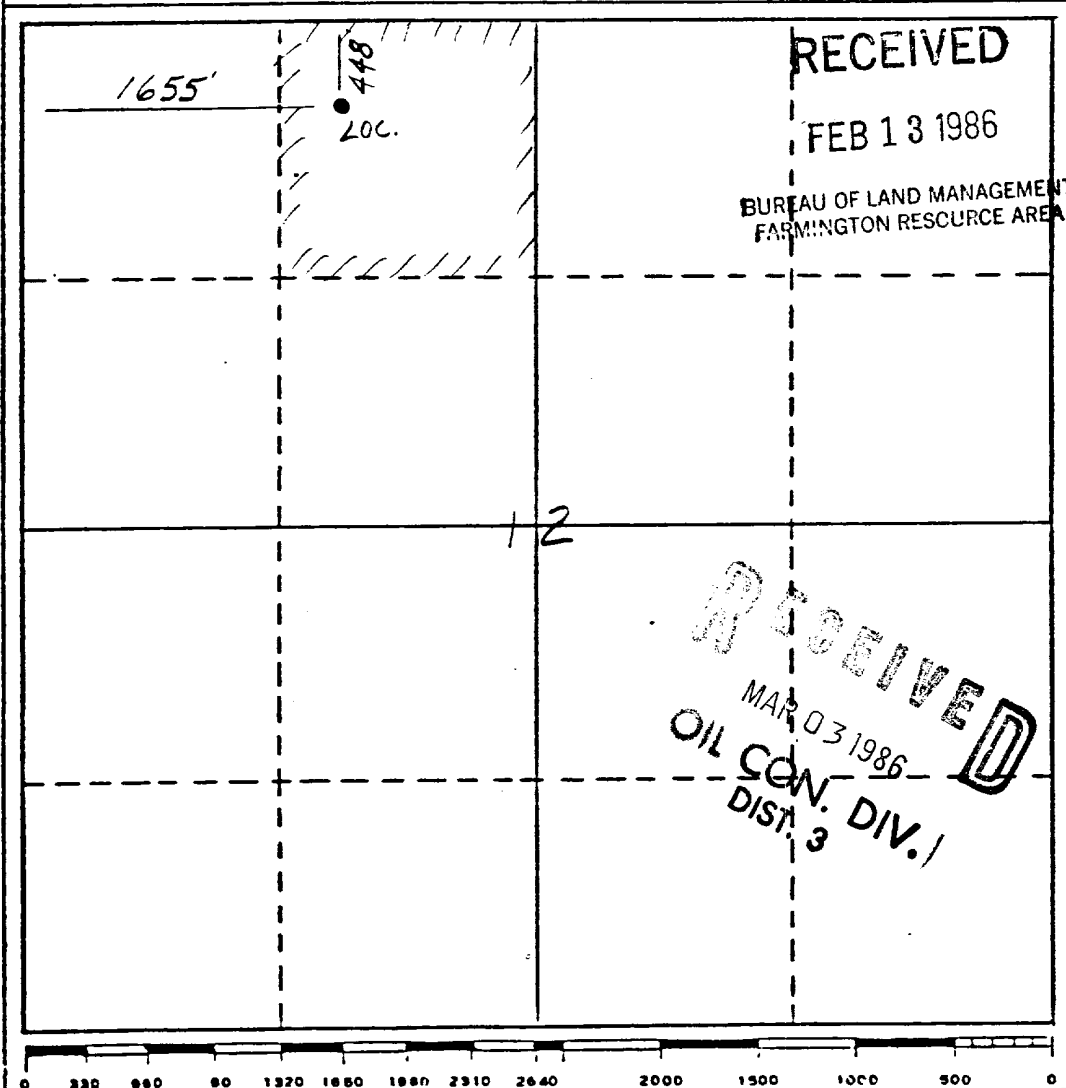
Operator <b>CHACE OIL COMPANY</b>		Lease <b>JICARILLA 47</b>		Well No. <b><del>47</del>-45</b>	
Unit Letter <b>C</b>	Section <b>12</b>	Township <b>23 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <b>448</b> feet from the <b>NORTH</b> line and <b>1655</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>7376'</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 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.



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 Company  
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.

NEALE C. EDWARDS  
Date Surveyed  
1-21-86  
Registered Professional Engineer and/or Land Surveyor  
Neale C. Edwards  
Certificate No.  
6857

