

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

## 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 "O" 775' FSL and 2175' 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

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

775'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1500'

## 16. NO. OF ACRES IN LEASE

2560

## 19. PROPOSED DEPTH

7390'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

7108' GR

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

May 1, 1982

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 3/4"	8 5/8"	22	225'	225 sxs Class "B" cement.
7 7/8"	4 1/2"	11.6	7390'	1st stage - 750 sxs 50/50 posmix; 2nd stage - 550 sxs 40/60 posmix; 12% gel; 200 sxs Class "B" cement.

Drill 230' of 9 3/4" surface hole. Set 225' of 8 5/8" casing; cement to surface with 225 sxs cement. Use an oil base mud (15% oil) and Schaeffer 5000# standard doublegate hydraulic BOP. Drill 7 7/8" hole to 7390' to test the Dakota formation.

Wasatch formation on surface. Estimated tops: Ojo-2460'; Pictured Cliffs-2910'; Chacra-3275'; Cliffhouse-4475'; Point Lookout-4480'; Gallup-6100'; Dakota "A"-7100'; Dakota "D"-7240'.

D. V. Tool @ 3000'. Float collar at 7360'.

RECEIVED

APR 4 1982

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

*Ross Eastling*

TITLE

Landman

DATE

5-30-82

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVAL DATE

\*See Instructions On Reverse Side

UNMCC

APPROVED  
AS AMENDED

MAY 8 1982

JAMES F. CHAMBERLAIN  
DISTRICT ENGINEER

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-63

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

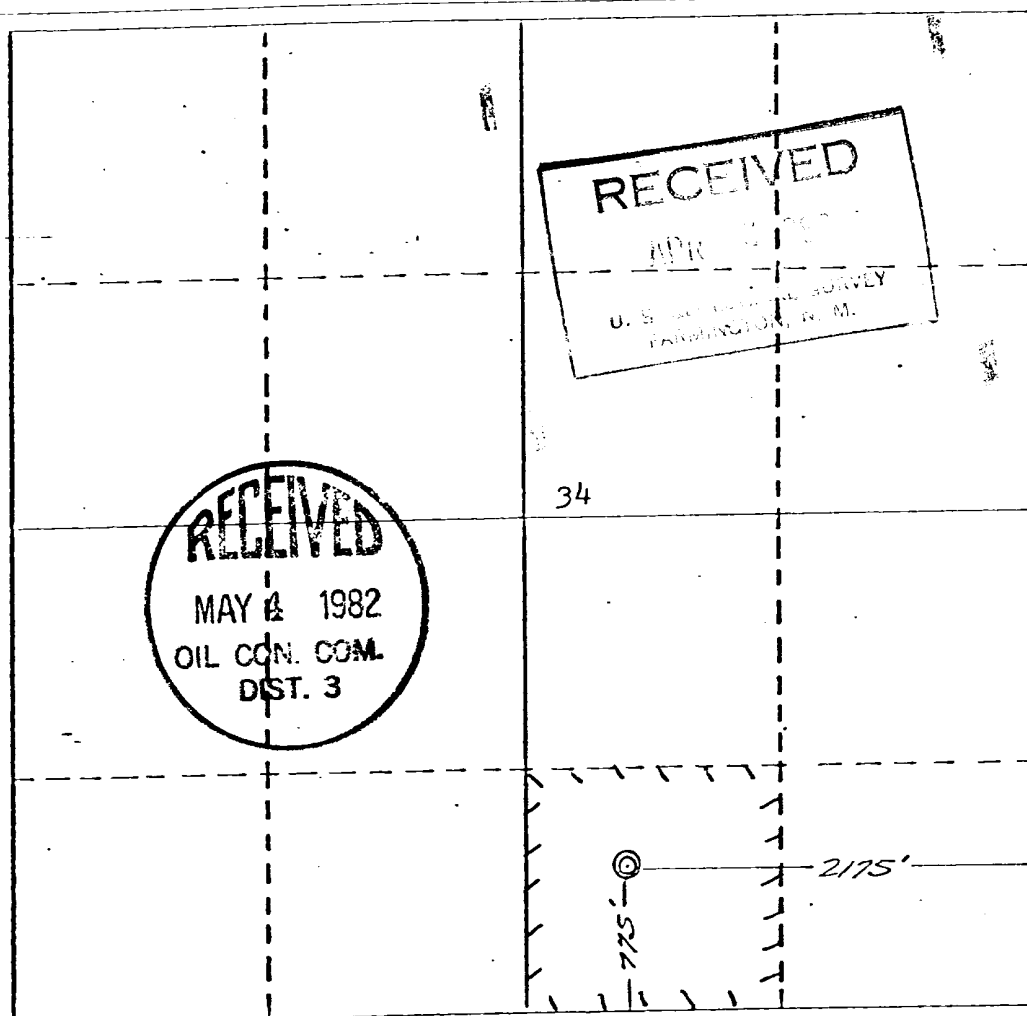
Operator <b>CHACE OIL CO.</b>		Lease <b>JICARILLA Trib. Cont. 70</b>		Well No. <b>15</b>
Unit Letter <b>0</b>	Section <b>34</b>	Township <b>24 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>
Actual Footage Location of Well: <b>775</b> feet from the <b>SOUTH</b> line and <b>2175</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>7108</b>	Producing Formation <b>GALLUP-DAKOTA</b>	Pool <b>S. Lindrith 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 Commission.



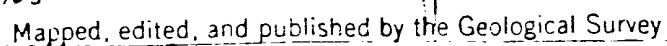
CERTIFICATION

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

Name *James P. Leese*  
Position Geologist  
Company Chace Oil Co.  
Date 4-1-82

I hereby certify that the location shown on this plat was plotted in the field and that the actual NO. of days made same or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed March 18, 1982  
Registered Professional Engineer and/or Land Surveyor  
*James P. Leese*  
Certificate No. 1463



1000 meter: Universal Transverse Mercator grid ticks.  
zone 13, shown in blue

Fine red dashed lines indicate selected fence lines  
where omitted, land lines have not been established

