

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-22859

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☒OTHER ☐SINGL  
ZONERECEIVED  
DEC 7 - 1981  
OIL CON. COM.  
8710 AST. 3MULTI  
ZONE ☒

## 2. NAME OF OPERATOR

CHACE OIL COMPANY, INC.

## 3. ADDRESS OF OPERATOR

313 Washington SE Albuquerque, New Mexico 87104

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

At surface

Unit "I" 1850' FSL and 790' FEL

At proposed prod. zone

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

12 miles SW of Lindrith, NM

U. S. GEOLOGICAL SURVEY

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

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

790'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

## 16. NO. OF ACRES IN LEASE

2560

## 19. PROPOSED DEPTH

7760

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

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

7384' GR

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

12/1/81

## 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"	7.55 24 #	225'	225 sxs Class "B" cement -
7- 7/8"	4-1/2"	7.55 11.6 #	7760'	(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 7760' to test the Dakota formation.

Wasatch formation on surface. Estimated tops: Ojo - 2740'; Pictured Cliffs - 3125'; Chacra - 3575'; Cliffhouse - 4670'; Point Lookout - 5210'; Gallup - 6260'; Greenhorn - 7295'; Dakota "A" - 7315'; Dakota "D" - 7595'. D.V. tool @ 3000'. Float collar at 7700'.

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

TITLE Geologist

DATE 10/27/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(Orig. Sgd.) RAYMOND W. VINYARD

RAYMOND W. VINYARD

DEC 04 1981

APPROVED BY

TITLE

ACTING DISTRICT SUPERVISOR

DATE

(CONDITIONS OF APPROVAL, IF ANY)

\*See Instructions On Reverse Side

NMOC

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

Operator <b>CHACE OIL COMPANY</b>		Lease <b>Jicallila Contract # 47</b>		Well No. <b><del>10</del> #1</b>
Unit Letter <b>I</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:

1850	feet from the	<b>SOUTH</b>	line and	790	feet from the	<b>EAST</b>	line
Ground Level Elev. <b>7360</b>	Producing Formation <b>Pictured Cliffs, DAKOTA</b>		Pool <b>Ballard Pictured Cliffs</b>	Dedicated Acreage: <b>160</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 **Farmout Agreements**

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

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SANTA FE, N.M.

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DEC 7 - 1981  
OIL CON. COM.  
DIST. 3

12

790'

1850'

# CERTIFICATION

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

Name **Geologist**  
Position **Chace Oil Co**  
Company **1-2-81**  
Date

I hereby certify that the well location shown on the plat is true and correct to the best of my knowledge and belief.

Date Surveyed  
**October 21, 1981**  
Registered Professional Engineer  
and/or Land Surveyor

**James P. Leese**  
Certificate No.

1463

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GEOLOGICAL SURVEY

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107°15' 798000m E 299 300 301 12°30' 302 F 4 W F 3 V  
36°15'

