

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-23302

## 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

Unit 'G' - 2002' FNL &amp; 1986' FEL

At proposed prod. zone

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

12 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)

1986' lease line

638' unit line

## 16. NO. OF ACRES IN LEASE

2560

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

1900'

## 19. PROPOSED DEPTH

7675'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

Chacon-Dakota: 160

Undes.-Gallup: 40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

7356' GL

## 23.

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

GENERAL REQUIREMENTS FOR  
PROPOSED CASING AND CEMENTING PROGRAMThis action is subject to administrative  
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 3/4"	8 5/8"	22# (J-55)	225'	225 sxs Class B cement (405 CF)
7 7/8"	4 1/2"	11.6# (N-80)	7675'	1st stage: 750 sxs (1350 CF) 50/50 pozmix. 2nd stage: 535 sxs (963 CF) 40/60 pozmix, 12% gel; 50 sxs (90 CF) 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 7675' to test Dakota formation. Wasatch formation on surface. Estimated tops: Ojo-2665', Pictured Cliffs-3060', Chacra-3440', Cliff House-4640', Point Lookout-5115', Gallup-6240', Tocito-6900', Greenhorn-7200', Dakota 'A'-7290', Dakota 'D'-7440', Burro Canyon-7540'. D. V. tool @ 3110'. Float collar @ 7645'.

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

July 18, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

APPROVED

AS AMENDED

DATE

SEP 20 1983

R. Bingham  
Asst AREA MANAGER Acting  
FARMINGTON RESOURCE AREA

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

Operator <b>CHACE OIL COMPANY, INC.</b>			Lease <b>47-JV</b>		Well No. <b>6</b>
Unit Letter <b>G</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>1850</b> feet from the <b>NORTH</b> line and <b>1850</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>7353</b>	Producing Formation <b>DAKOTA</b>		Pool <b>CHACON DAKOTA</b>		Dedicated Acreage: <b>160 ACRES</b>

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 \_\_\_\_\_OIL CON. DIV.  
DIST. 3

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  
AUG 29 1983  
BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

## CERTIFICATION

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

Name  
*Michael Daly*  
Position  
**LANDMAN**  
Company  
**CHACE OIL COMPANY**  
Date  
**8-26-83**

I hereby certify the well location shown on this plat was plotted from field notes or actual survey 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  
**August 22, 1983**  
Registered Professional Engineer  
and/or Land Surveyor

Michael Daly

Certificate No.  
**5992**

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Unit Letter <b>G</b>	Section <b>12</b>	Township <b>23 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>	
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Ground Level Elev. <b>7353</b>	Producing Formation <b>GALLUP</b>		Pool <b>UNDESIGNATED GALLUP</b>		Dedicated Acreage: <b>40 ACRES</b> Acres

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☐ 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.) \_\_\_\_\_

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**RECEIVED**  
SEP 22 1983  
OIL CON. DIV.

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Company

CHACE OIL COMPANY

Date

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