

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, 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 "P" 790' FSL and 330' FEL

At proposed prod. zone

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

12 miles SW of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any) Unit Line 790'

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

700'

19. PROPOSED DEPTH

7760'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

7426' KB 7412' GL

22. APPROX. DATE WORK WILL START\*

5-15-83

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 (405 CF)
7 7/8"	4 1/2"	11.6	7760'	1st stage: 750 sxs (1350 CF) 50/50 pozmix 2nd stage: 550 sxs (990 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 7760' to test Dakota formation.

Wasatch formation on surface. Estimated tops: Ojo-2745'; Pictured Cliffs-3190'; Chacra-3540'; Cliff House-4725'; Point Lookout-5255'; Gallup-6350'; Greenhorn-7305'; Dakota "A"-7415'; Dakota "D"-7555'; Burro Canyon-7660'.

D. V. Tool @ 3240'. Float collar @ 7730'.

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

*Rosa Santalucia*

TITLE

Landman

DATE

Sept. 20, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

NOV 03 1982

JAMES F. SIMS  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

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

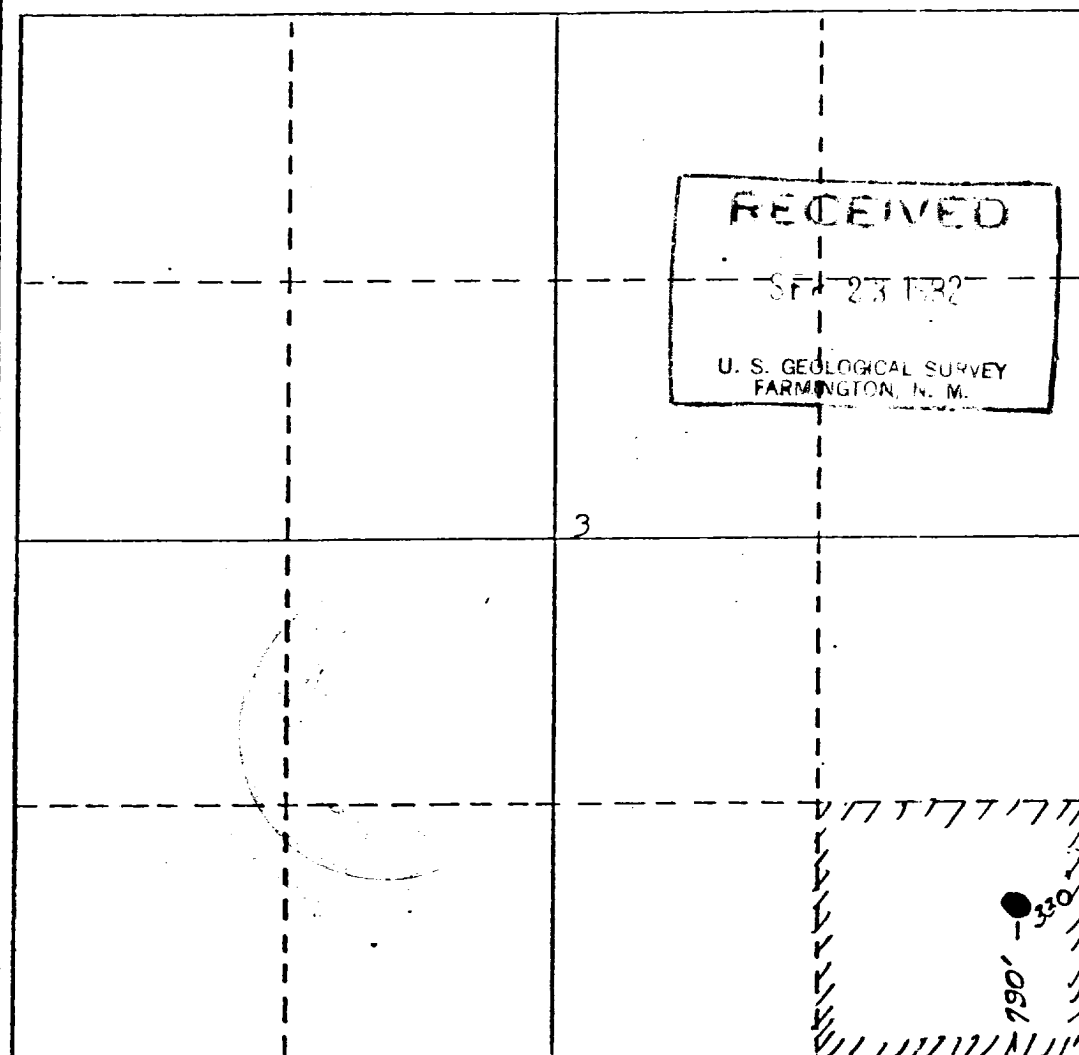
Operator <b>CHACE OIL COMPANY</b>			Lease <b>Jicarilla Tribal #71</b>		Well No. <b>0-11</b>
Unit Letter <b>P</b>	Section <b>3</b>	Township <b>23 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: 790 feet from the <b>SOUTH</b> line and 330 feet from the <b>EAST</b> line					
Ground Level Elev. <b>7412</b>	Producing Formation <b>Gallup - Dakota</b>	Pool <b>S. Lindrith Gallup Dakota</b>	Ext. Dedicated Acreage: <b>40</b>		Acre:

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.

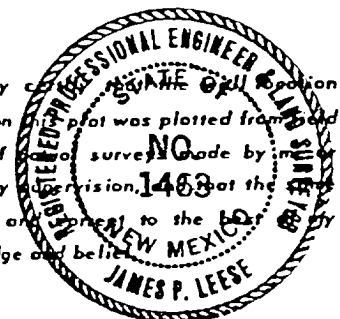
*Ross Eastabrook*  
Name

**LANDMAN**  
Position

**CHACE OIL COMPANY**  
Company

**9-20-82**  
Date

I hereby certify that the information shown on the plat was plotted from the notes of the survey made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed  
**September 7, 1982**

Registered Professional Engineer and/or Land Surveyor  
*James P. Leese*  
**James P. Leese**

Certificate No.  
**1463**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

