

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 'D' - 635' FNL & 643' FWL

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* 635' Lease Line
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any), 635' Unit Line

16. NO. OF ACRES IN LEASE

1920

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

1300'

19. PROPOSED DEPTH

7460'

20. ROTARY OR CABLE TOOLS

Rotary

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

7147' GL

22. APPROX. DATE WORK WILL START*

7-1-83

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
9 3/4"	8 5/8"	22# J-55	225'	225 sks (405 CF) Class B cement
7 7/8"	4 1/2"	11.6# N-80	7460'	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

RECEIVED

JUN 28 1984

OIL CON. DIV.

Drill 230' of 9 3/4" surface hole. Set 225' of 8 5/8" casing. Cement to surface with 225 sks (405 CF) cement. Use an oil base mud, (15% oil), and Schaeffer 5000# standard doublegate hydraulic BOP. Drill 7 7/8" hole to 7460' to test Dakota formation.

Wasatch formation on surface. Estimated tops: Ojo-2445'; Pictured Cliffs -2920'; Chacra-3270'; Cliff House-4425'; Point Lookout-5005'; Gallup-5750'; Tocito-6750'; Greenhorn-7045'; Dakota 'A'-7130'; Dakota 'D'-7255'; Burro Canyon-7355'.

D. V. tool at 2970' and float collar at 7430'.

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

[Signature]

TITLE President

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ak7

NMOCC

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

5. LEASE DESIGNATION AND SERIAL NO.

Tribal Contract #71

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Contract

9. WELL NO.

12-17Y

10. FIELD AND POOL, OR WILDCAT

South Lindrith Gallup Dakota

11. SEC., T., E., M., OR BLK.
AND SURVEY OR AREA

Section 3, T23N, R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

CHACE OIL COMPANY, INC.		Lease <u>JICARILLA T 3AL #71</u>		Well No. <u>171</u>
Oil Letter <u>D</u>	Section <u>3</u>	Township <u>23 NORTH</u>	Range <u>4 WEST</u>	County <u>RIO ARriba</u>
Actual Footage Location of Well				
<u>635</u>	feet from the <u>NORTH</u>	line and <u>643</u>	feet from the <u>WEST</u>	line
Ground Level Elev. <u>7147</u>	Producing Formation <u>Gallup - Dakota</u>	Pool <u>S. Lindrith Gallup Dakota</u>	Dedicated Acreage <u>40</u>	

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 well 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 communization, 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 communization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

635 643		RECEIVED JUN 21 1984 BUREAU OF LAND MANAGEMENT WARMINGTON RESOURCE AREA
3		RECEIVED JUN 28 1984 OIL CON. DIV. DIST. 3

CERTIFICATION

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

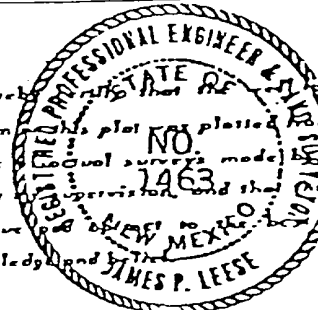
Name James P. Leese

Position Geologist

Company Chace Oil

Date 1-17-83

I hereby certify that the information shown on this plat was plotted from notes of actual surveys made by me under supervision and that it is true to the best of my knowledge and belief.



Date Surveyed _____

November 18, 1982

Registered Professional Engineer and/or Land Surveyor

James P. Leese

Certificate No. 1463

16 CHACE OIL COMPANY, INC.
71-17
NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 3, T23N, R4W, N.M.P.M.,
Rio Arriba County, New Mexico

RIO ARRIBA CO
SANDOVAL CO

RIO ARRIBA CO
SANDOVAL CO

Borrow
Pt