

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 ☐ SING. 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 737' FSL & 1859' FEL

Unit 'O', Section 33, T24N, R4W
At proposed prod. zone

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

15 miles W-SW of Lindrith, New Mexico

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
737' from lease line
539' from unit line
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
2560

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.
1700'

19. PROPOSED DEPTH
7285'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DRILLING OPERATIONS AUTHORIZED ARE
7047' GR SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*
8/14/85

23. "GENERAL REQUIREMENTS" CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24# (J-55)	225'	225 sxs (405 CF) Class B cement
7 7/8"	4 1/2"	11.6# (N-80)	7285'	1st stage: 750 sxs (1350 CF) 50/50 pozmix 2nd stage: 505 sxs (909 CF) 40/60 pozmix, 12% gel 40 sxs (72 CF) Class B cement

Drill 230' of 12 1/4" surface hole. Set 225' of 8 5/8" casing. Cement to surface with 225 sxs (405 CF) cement. Using a water base mud, (15% oil) and Shaeffer standard doublegate hydraulic BOP, drill 7 7/8" hole to 7285' to test the Dakota formation.

Logging Program: Run Dil, Caliper, GR, SP, FDC-CNL from T. D. to surface.

Estimated Tops:

Ojo Alamo	2279'	Point Lookout	4850'	Dakota 'A'	6975'
Pictured Cliffs	2729'	Gallup	5585'	Dakota 'D'	7110'
Chacra	3105'	Tocito	6568'	Burro Canyon	7210'
Cliff House	4265'	Greenhorn	6885'		

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

Monte Anderson

TITLE

Geologist

DATE May 1, 1985

(This space for Federal or State office use)

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

APPROVAL DATE JUN 4 1985

OIL CON. DIV.

DIST 2

DATE MAY 31 1985

/s/ J. Stan McKee

for M. MILLENBACH
AREA MANAGER

*See Instructions On Reverse Side

I hereby certify that the above information is true and correct to the best of my knowledge and belief, and I am not aware of any person knowingly and willfully making any false statement or omission in this application.

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

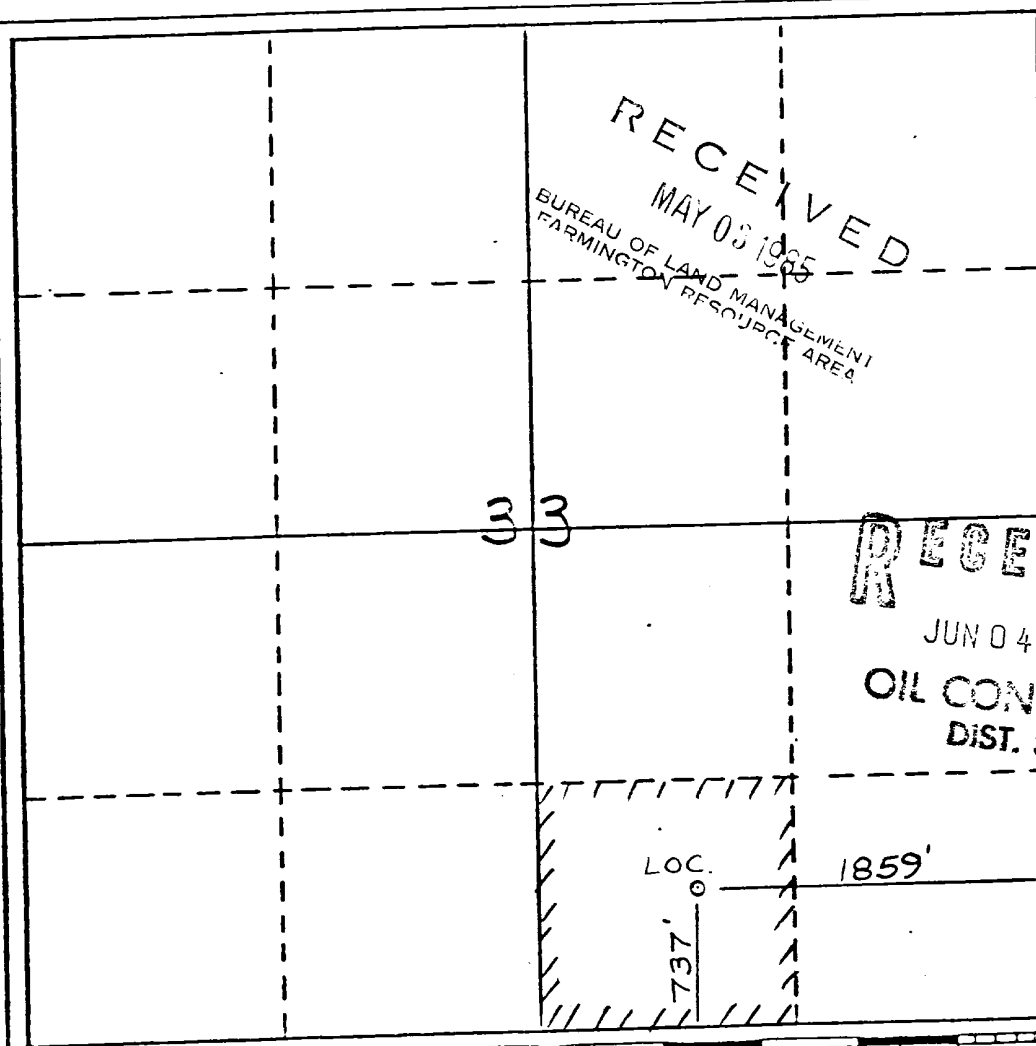
Operator CHACE OIL COMPANY		Lease JICARILLA		Well No. 70-19	
Unit Letter O	Section 33	Township 24 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 737 feet from the SOUTH line and 1859 feet from the EAST line					
Ground Level Elev. 7047'	Producing Formation Gallup - Dakota	Pool S. Lindvith Gallup - Dakota	Dedicated Acreage: 40 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 Division.



CERTIFICATION

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

Monte Anderson
Name
Geologist
Position

Chace Oil Company
Company
3-29-85
Date

Date

RECEIVED
JUN 04 1985
OIL CON. DIV. DIST. 3
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed
3-21-85

Registered Professional Engineer
and/or Land Surveyor

Monte Anderson
Certificate No.
6857

