

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30 039-22957

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, S. E., Albuquerque, NM 87108

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

At surface Unit "D" 790' FNL and 790' FWL

At proposed prod. zone

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

12 miles SW of Lindrith, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 790'

16. NO. OF ACRES IN LEASE

2560

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

600'

19. PROPOSED DEPTH

7550'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 40

20. ROTARY OR CABLE TOOLS

Rotary

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

7303' GR

22. APPROX. DATE WORK WILL START*

May 1, 1982

23.

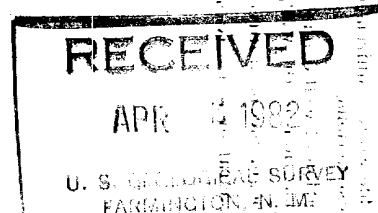
PROPOSED CASING AND CEMENTING PROGRAM

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
7 7/8"	4 1/2"	11.6	7550'	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 a 7 7/8" hole to 7550' to test the Dakota formation.

Wasatch formation on surface. Estimated tops: Ojo-2560'; Pictured Cliffs-3040'; Chacra-3400'; Cliffhouse-4615'; Point Lookout-5115'; Gallup-6230'; Greenhorn-7130'; Dakota "A"-7270'; Dakota "D"-7400'.

D. V. Tool @ 3000'. Float collar at 7520'.



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

Ross Eastling

TITLE Landman

DATE 3-30-82

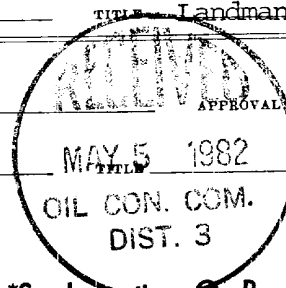
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

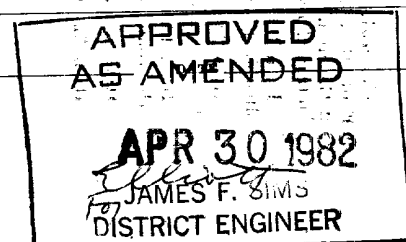
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

ch2

*See Instructions On Reverse Side

NMOC



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

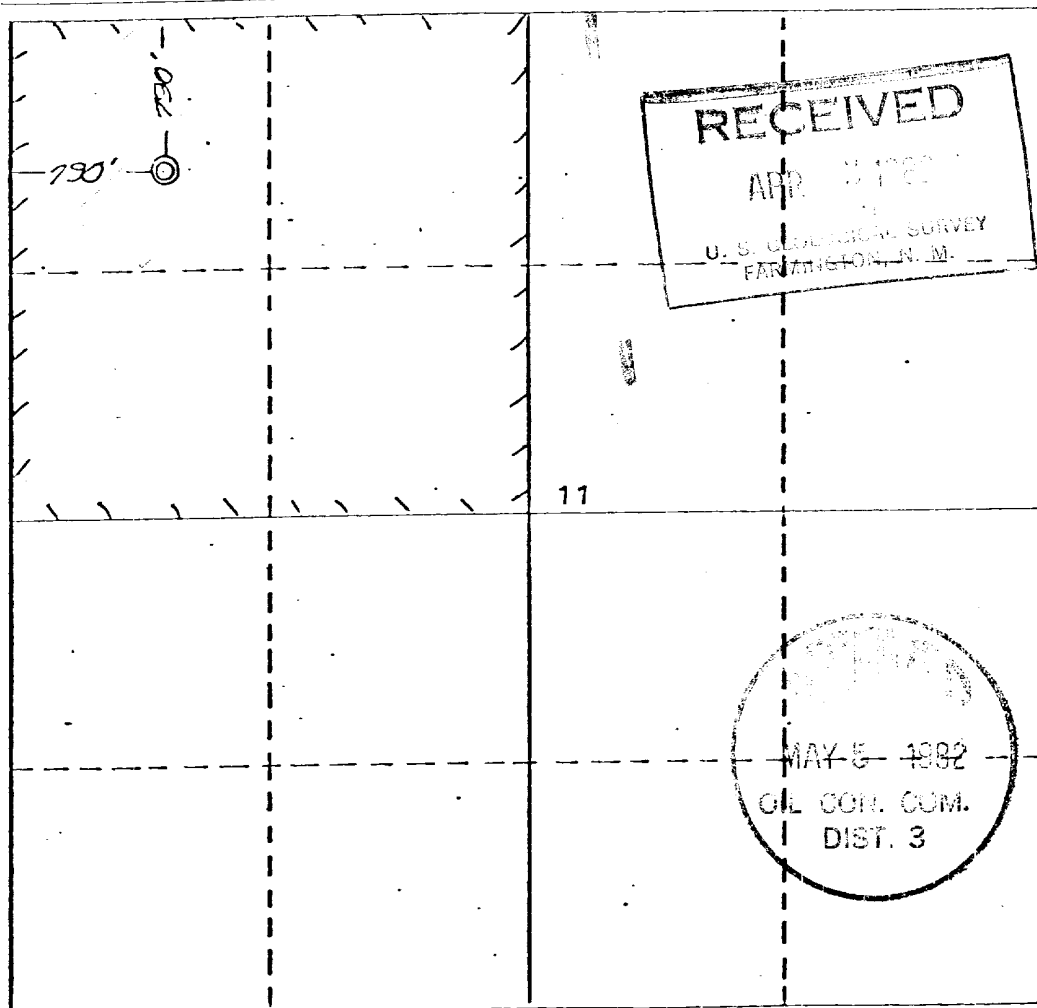
Operator CHACE OIL CO.			Lease #2 CHACE L.S.V. Ticonilla Trib. Cont 47		Well No. 47
Unit Letter D	Section 11	Township 23 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well:					
790 feet from the NORTH		line and	790 feet from the WEST	line	
Ground Level Elev. 7303	Producing Formation DAKOTA	Pool Cludes	Dedicated Acreage: 40 160 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 Commission.

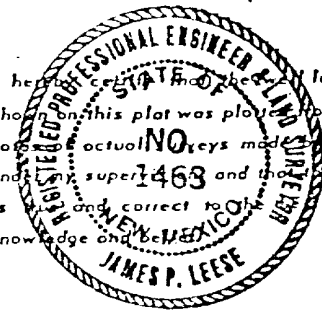


CERTIFICATION

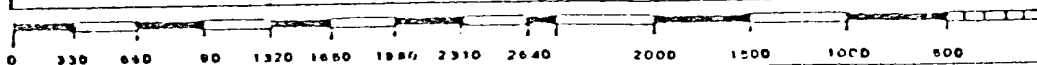
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name James P. Leese
Position Landman
Company Chace Oil Company
Date 4-1-82

I hereby certify that the location shown on this plat was plotted from field notes and actual NO keys 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
March 11, 1982
Registered Professional Engineer
and/or Land Surveyor
James P. Leese
Certificate No.
1463



CHACE OIL CO.
DEPA NW $\frac{1}{4}$, Sec. 11, T23N, R4W, N.M.P.M.,
Rio Arriba County, New Mexico

