

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

20-039-24/25

RECEIVED

MAY 06 1987

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

FEB 18 1987

SINGLE BONE ☒

MULTIPLE BONE ☐

3. NAME OF OPERATOR

Chace Oil Company, Inc.

BUREAU OF LAND MANAGEMENT

4. ADDRESS OF OPERATOR

FARMINGTON RESOURCE AREA

313 Washington SE, Albuquerque, NM 87108

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

At surface

661' FSL & 1979' FWL, Unit 'N', Section 12, T23N, R4W

At proposed prod. zone

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

15 miles west-southwest of Lindrith, New Mexico

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

3301' from lease line

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

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

1500'

19. PROPOSED DEPTH

7575'

20. ROTARY OR CABLE TOOLS

Rotary

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

7379' GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START

9/15/86

10. GENERAL REQUIREMENTS FOR PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to test results and appeal process.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24# (J-55)	225'
7 7/8"	4 1/2"	11.6# (N-80)	7575'

and appeal process. 225 sks (405 CF) Class B cement
1st stage: 750 sks (1250 CF)
50/50 pozmix.
2nd stage: 505 sks (909 CF)
40/60 pozmix (12% gel)
40 sks (72 CF) Class B cement
47

Add line 1st stage 50/50 pozmix 2 1/2' 12 1/4" hole 40/60 pozmix 1 1/2' 7 7/8" hole 12 1/4" hole 40/60 pozmix 1 1/2' 7 7/8" hole 12 1/4" hole

Drill 230' of 12 1/4" surface hole. Set 225' of 8 5/8" casing. Cement to surface with 225 sks (405 CF) cement. Using a water base mud (15% oil) and Schaeffer 5000# standard doublegate hydraulic BOP, drill 7 7/8" hole to 7575' to test the Dakota formation. Logging program: Run Dil, Caliper, GR, SP, FDC-CNL from T. D. to surface.

Estimated Tops:

Ojo Alamo	2610'	Point Lookout	5155'	Dakota 'A'	7261'
Picture Cliffs	3025'	Gallup	5855'	Dakota 'D'	7401'
Chacra	3375'	Tocito	6867'	Burro Canyon	7505'
Cliff House	4575'	Greenhorn	7170'		

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

2/24/86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

MAY 04 1987

/s/ J. Stan McKee

AREA MANAGER

Approval of this action does not warrant that the applicant holds legal or equitable rights or title to this lease.

*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 omissions, or to furnish any false, fictitious or fraudulent information.

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

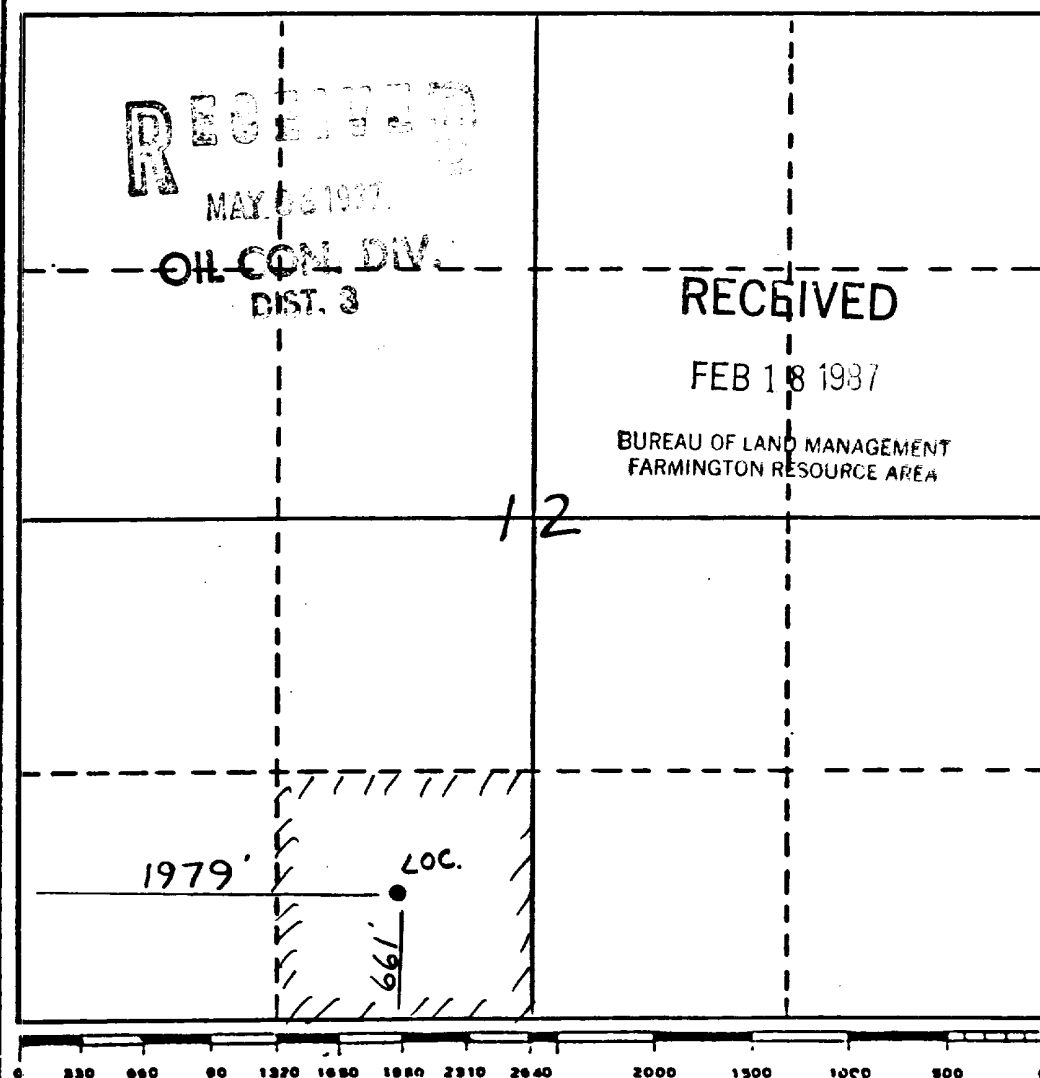
Operator CHACE OIL COMPANY		Lease JICARILLA 47		Well No. 37 33
Unit Letter N	Section 12	Township 23 NORTH	Range 4 WEST	County RIO ARRIBA
Actual Footage Location of Well: 661 feet from the SOUTH line and 1979 feet from the WEST line				
Ground Level Elev. 7379'	Producing Formation Gallup - Dakota	Pool South Lindriith 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 Camp.

Company
1-30-86

Date

WHALE C. EDWARDS
NEW MEXICO
REGISTERED LAND SURVEYOR
6857
I have examined 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 is true and correct to the best of my knowledge and belief.

Date Surveyed
1-21-86

Registered Professional Engineer and/or Land Surveyor

WHALE C. EDWARDS

Certificate No.
6857

