

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

30-039-25030

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

429' FWL & 928' FNL, Unit 'D', Section 12, T23N, R4W

At proposed prod. zone

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

15 miles west-southwest of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 429' from unit line (Also to nearest drilg. 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.

1300'

19. PROPOSED DEPTH

7640'

20. ROTARY OR CABLE TOOLS

Rotary

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

7430' GR

22. APPROX. DATE WORK WILL START\*

6/30/90

23. PROPOSED CASING AND CEMENTING PROGRAM

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"	11.60# (N-80)	7640'

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

170 sks (220 cf) Class B cement

1st stage: 850 sks (1200 cf)

50/50 pozmix

2nd stage: 550 sks (1177 cf)

65/35 pozmix

50 sks (59 cf) Class  
B Cement

Drill 230' of 12 1/4" surface hole. Set 225' of 8 5/8" casing. Cement to surface with 170 sks (220 cf) cement. Using a water base mud and Schaeffer 5000# standard doublegate hydraulic BOP, drill 7 7/8" hole to 7640' to test the Dakota formation. Logging program: Run Dil, Caliper, GR, SP, FDC-CNL from TD to surface. Casing program: (see attached page two.)

Estimated tops:

Ojo Alamo	2693'	Point Lookout	5238'	Dakota "A"	7344'
Picture Cliffs	3108'	Gallup	5938'	Dakota "D"	7484'
Chacra	3458'	Tocito	6950'	Burro Canyon	7588'
Cliff House	4658'	Greenhorn	7253'		

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

*Frank Wells*

Approval of this action does

DATE 6/1/90

(This space for Federal or State office use)

not warrant that the applicant  
holds legal or equitable rights  
or title to this lease.

APPROVED  
AS AMENDED

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

NOV 21 1990

AREA MANAGER

NMOCD

\*See Instructions On Reverse Side

**RECEIVED**  
NOV 27 1990  
OIL CON. DIV.  
DIST. 3

Jicarilla Apache 47-30  
Application for Permit to Drill  
Page Two

Casing Program:

Run 7640' of 4 1/2", 11.60 lb/ft, N-80 LT&C casing. Guide shoe at 7640', differential fill float collar at 7598'. Cement stage tool at 3208'; casing centralizers at 7620', 7534', 7400', 7245', 7000', 6850', 6238', 6088', 5900', 3300', 3100'.

Cement first stage (7640' - 3208') with 850 sks (1200 cf), 50/50 pozmix, 2% gel, 6 1/4 lb/sk Gilsonite, 6 lb/sk salt. Rotate casing while cementing first stage. Circulate casing (3208' to surface) 3 hours with drilling mud before starting second stage.

Cement second stage casing (3208' - surface) with 550 sks (1177 cf) 65/35 pozmix, 6% gel, 12 1/4 lb/sk Gilsonite. Tail in with 50 sks (59 cf) Class B Neat cement.

First stage estimated cement top - 3208'  
Second stage estimated cement top - surface

NOV 27 1980  
OR CON. 1272  
Dist. 3

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

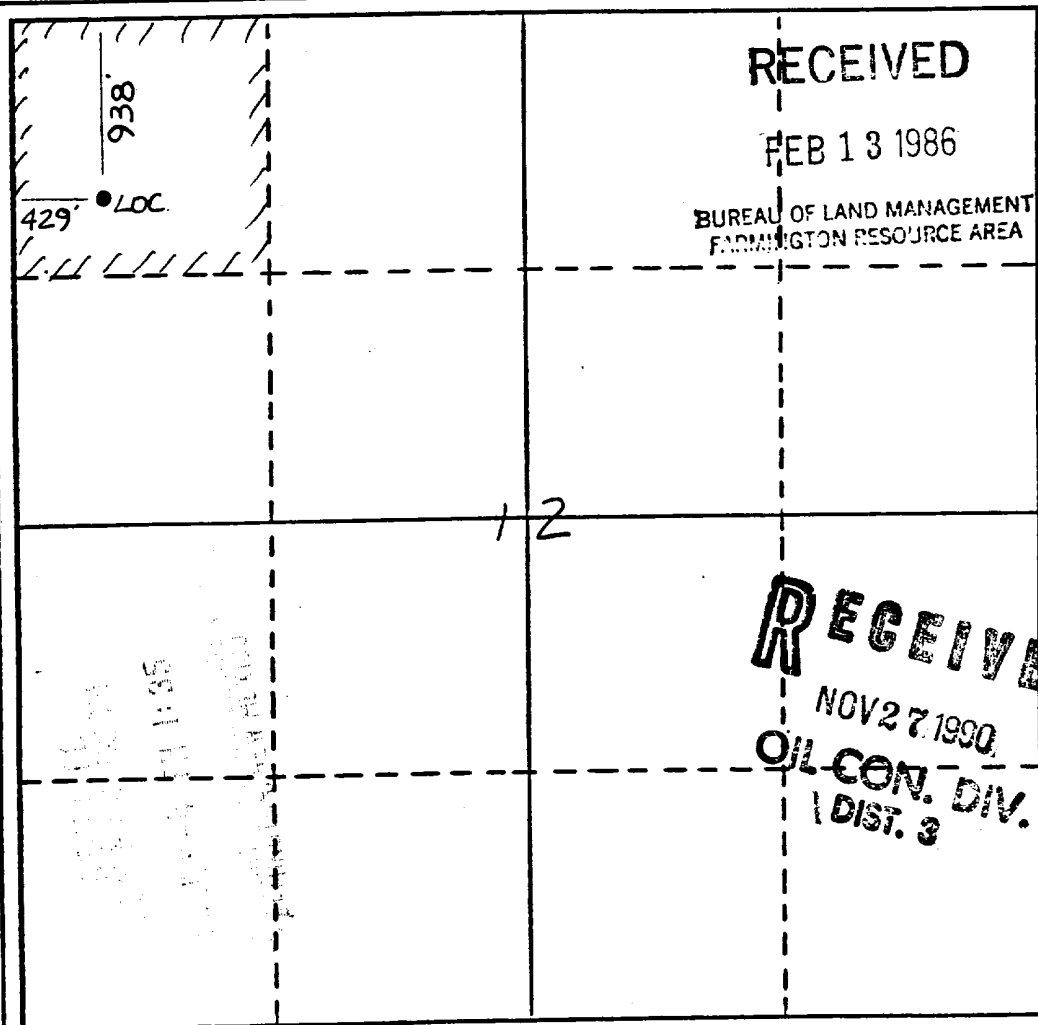
Operator <b>CHACE OIL COMPANY</b>		Lease <b>JICARILLA 47</b>		Well No. <b>47-30</b>	
Unit Letter <b>D</b>	Section <b>12</b>	Township <b>23 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <b>938'</b> feet from the <b>NORTH</b> line and <b>429</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>7430'</b>	Producing Formation <b>Gallup - Dakota</b>	Pool <b>South Lindvith Gallup - Dakota</b>	Dedicated Acreage: <b>40</b> 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 Comp.  
Company  
1-30-86  
Date

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 is true and correct to the best of my knowledge and belief.

1-21-86  
Date Surveyed  
Registered Professional Engineer  
and/or Land Surveyor

Mark C. Edwards  
Certificate No.  
6857

