

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 'L' 680' FWL and 2185' FSL

At proposed prod. zone

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

17 miles west-southwest of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 680' from lease 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.

1600'

19. PROPOSED DEPTH

7700'

20. ROTARY OR CABLE TOOLS

Rotary

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

7508' GR

This action is subject to technical and
procedural review pursuant to 43 CFR 3160.3
and appeal pursuant to 43 CFR 3160.4.

22. APPROX. DATE WORK WILL START*

6/30/90

23. PROPOSED CASING AND CEMENTING PROGRAM

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

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24# (J-55)	225'	170 sks (220 cf) Class B cement
7 7/8"	4 1/2"	11.6# (N-80)	7700'	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 225' 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 7700' to test Dakota formation. Casing program: (See attached page 2). Logging program: Run Dil, FDC-CNL, Caliper, GR, SP from TD to surface. Estimated tops:

Ojo	2781'	Point Lookout	5261'	Dakota "A"	7436'
Picture Cliffs	3191'	Gallup	5961'	Dakota "D"	7581'
Chacra	3551'	Tocito	7031'	Burro Canyon	7686'
Cliff House	4735'	Greenhorn	7346'		

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

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: 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

TITLE Vice President Production

DATE 6/1/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

APPROVED
AS AMENDED
NOV 21 1990
AREA MANAGER

*See Instructions On Reverse Side

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OIL CON. DIV.

DIST. 3

Jicarilla Apache 47-12
Application for Permit to Drill
Page Two

Casing Program:

Run 7700' of 4 1/2", 11.60 lb/ft, N-80 LT&C casing. Guide shoe at 7700'. Differential float collar at 7660'. Cement stage tool at 3300'; casing centralizers at 7680', 7570', 7400', 7250', 6980', 6216', 6100', 5890', 3340', 3260'.

Cement first stage (7700' - 3300') 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.

Cement second stage casing (3300' - 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.

1st stage, estimated cement top - 3300'

2nd stage, estimated cement top - surface

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OIL CON. DIV.
DIST. 2

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

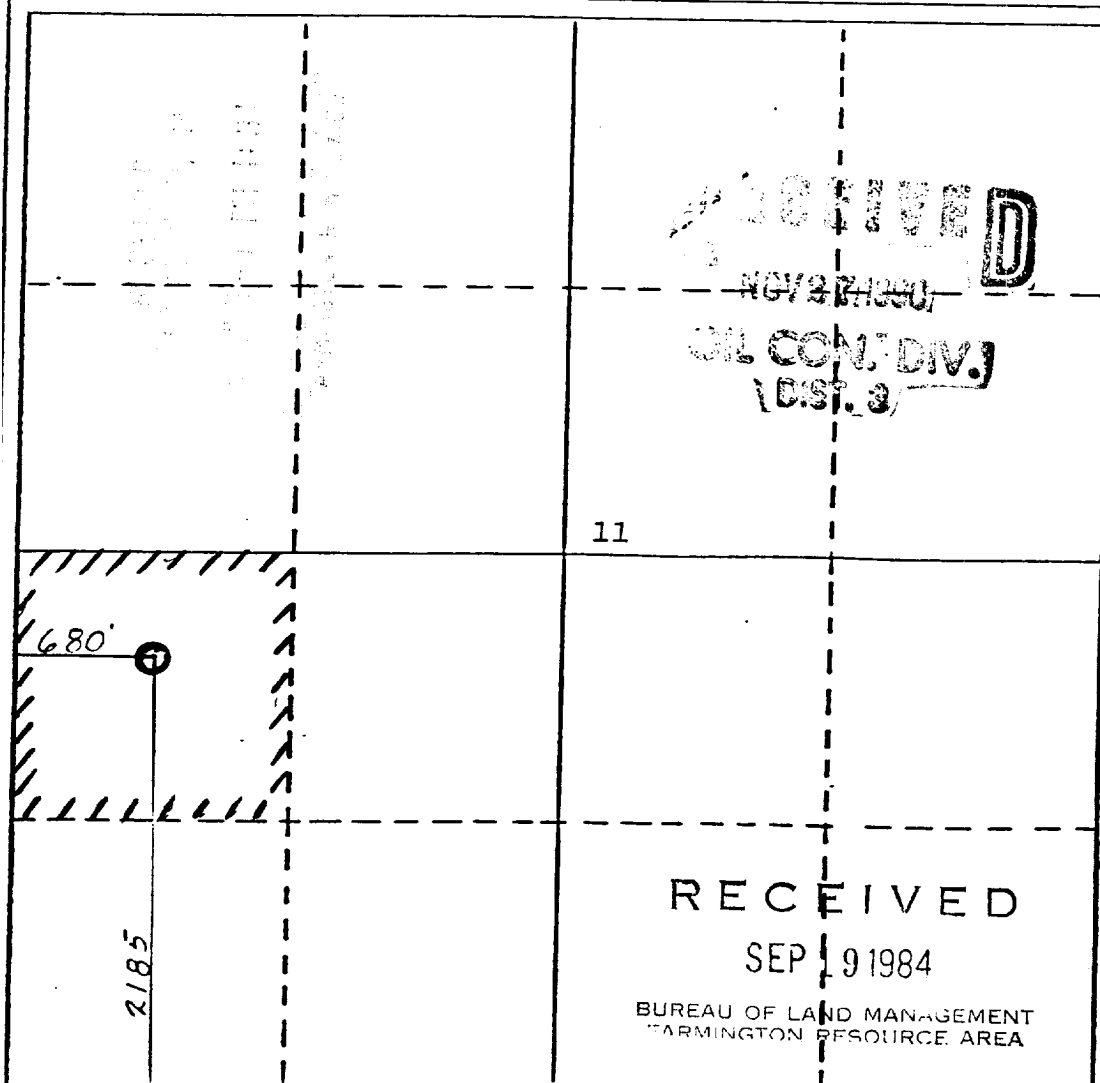
Operator CHACE OIL COMPANY, INC.			Lease Jicarilla Tribal Contract #47		Well No. 47-12
Unit Letter L	Section 11	Township 23 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 2185 feet from the SOUTH line and 680 feet from the WEST line					
Ground Level Elev. 7508	Producing Formation Gallup-Dakota		Pool South Lindrith, Gallup-Dakota	Dedicated Acreage: 40	

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.

Name
Monte Anderson
Position
Geologist
Company
Chace Oil Company, Inc.
Date
7-27-84

I hereby certify that the well location shown on this plat was plotted from field notes of Michael Daly 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
November 29, 1983
Registered Professional Engineer
and/or Land Surveyor

Michael Daly
Certificate No.
5992

