

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5-1 IN 100-100-1
(Other instructions on
reverse side)

36-039-23419
36-039-23419
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Tribal Contract = 71
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache
7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME # 71
Jicarilla Tribal Contract

9. WELL NO.
22

10. FIELD AND POOL, OR WILDCAT
S. Lindrith, Gallup-Dakota

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
I Sec. 10, T23N, R4W

12. COUNTY OR PARISH 18. STATE
Rio Arriba New Mexico

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, New Mexico 87105 D

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

Unit 'I' 900' FEL + 2030' PSL
At proposed prod zone

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

17 miles W-SW of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST 900' Lease Line
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any; 420' Unit Line)

16. NO. OF ACRES IN LEASE

1920

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. 1400'

19. PROPOSED DEPTH

7598'

20. ROTARY OR CABLE TOOLS

Rotary

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

7427' GR

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

22. APPROX. DATE WORK WILL START*

4/1/84

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4"	8 5/8"	24# (J-55)	225'	225 SXS (266 CF) Class B cement
7 7/8"	4 1/2"	11.6# (N-80)	7460'	1st stage: 750 SXS (1073 CF) 50/50 pozmix 2nd stage: 505 SXS (1177 CF) 65/35 pozmix, 12% gel 40 SXS (47 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 (266 CF) cement. Use an oil base mud (15% oil) and Schaeffer 5000# standard doublegate hydraulic BOP. Drill 7 7/8" hole to 7598' to test the Dakota formation.

Wasatch formation on surface. Estimated tops: Ojo - 2591'; Pictured Cliffs - 2989'; Chacra 3372'; Cliff House - 4557'; Point Lookout - 5097'; Gallup - 5835'; Tocito - 6851'; Greenhorn - 7176'; Dakota 'A' - 7271'; Dakota 'D' - 7396'; Burro Canyon - 7498'.

D. V. Tool at 3029'. Float Collar at 7458'.

RECEIVED

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 Eastabury

TITLE

OIL CON. DIV.
Landman
DIST. 3

DATE

2-7-84

(This space for Federal or State office use)

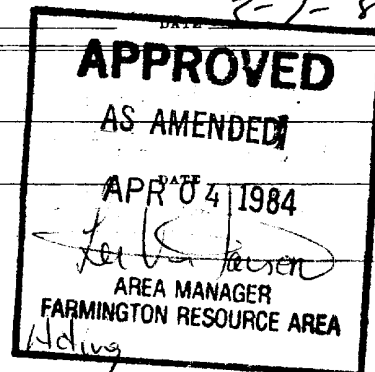
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



*See Instructions On Reverse Side

NMOCC

All distances must be from the center of the Section.

Operator CHACE OIL COMPANY, INC.		Lease Tierra Vista Contract # 71		Well No. 71-22
Unit Letter I	Section 10	Township 23 NORTH	Range 4 WEST	County RIO ARRIBA

Actual Footage Location of Well:

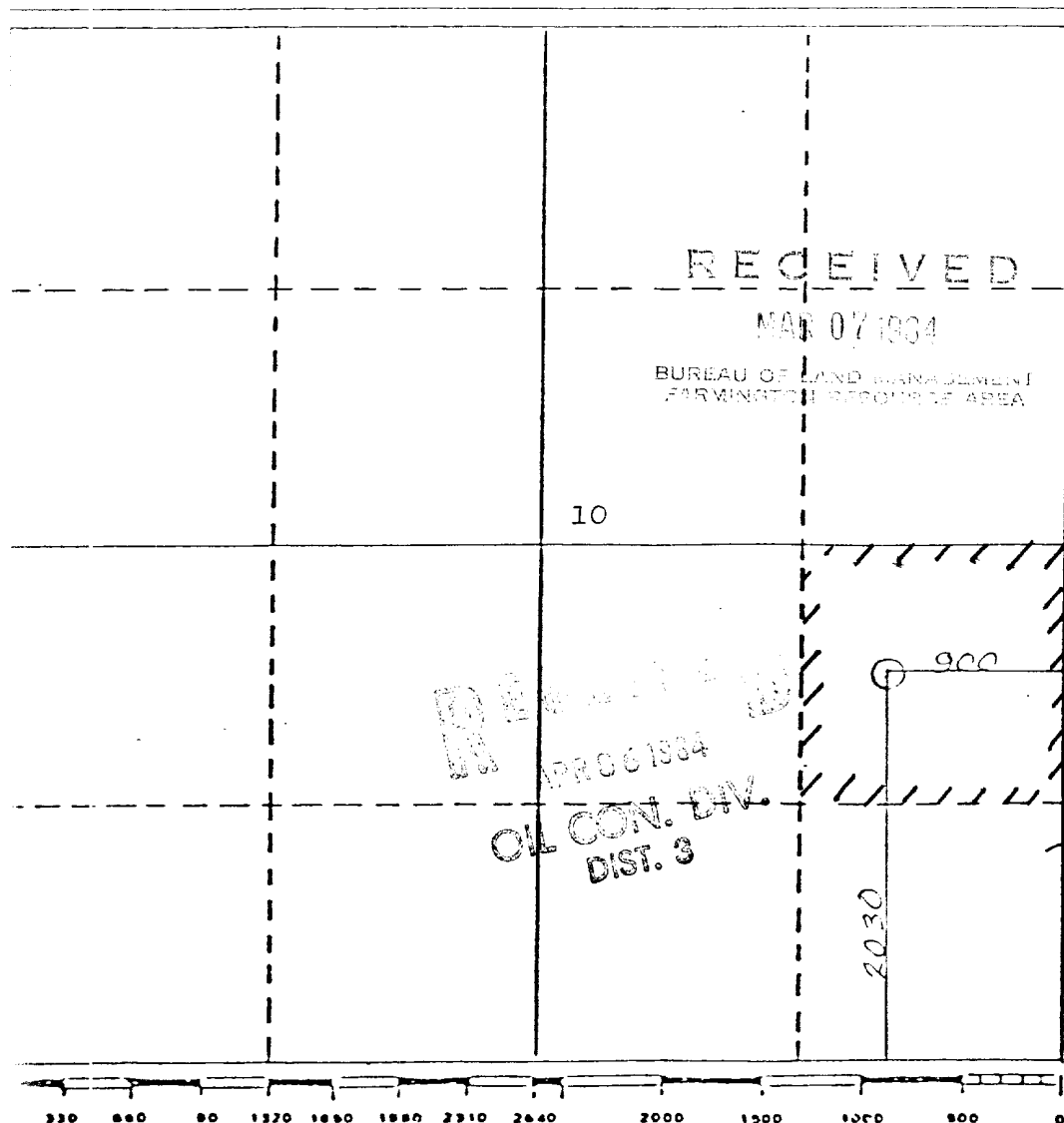
2030	feet from the SOUTH	line and	900	feet from the EAST	line
Ground Level Elev. 7427	Producing Formation Gallup - DAKOTA	Pool S-Lindoth, Gallup - DAKOTA	Dedicated Acreage: 40 Acres		

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.

Name Ross Eastberg
 Position Landman
 Company Chace Oil Co., Inc.
 Date 3-1-84

I hereby certify that the well location shown on this plat was plotted from field notes of accurate 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
November 29, 1983

Registered Professional Engineer
and/or Land Surveyor

Michael Daly

Certificate No.
5992

