

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22820

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla 70

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 70

9. WELL NO.

11

10. FIELD AND POOL, OR WILDCAT

S. Lindreth-Gallup-

11. SEC., T., R., M., OR BL. AND SURVEY OR AREA

Sec. 34, T24N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

N. Mex.

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

15 miles w-sw of Lindreth, N.M.

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.

1850'

19. PROPOSED DEPTH

7375'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

Oct. 1981

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

7042' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

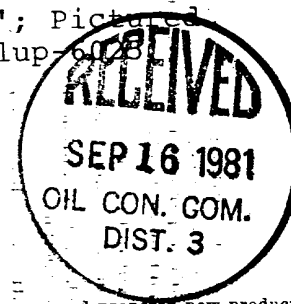
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 3/4"	8 5/8"	24	200	200 sxs

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

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

Drill 205' of 9 3/4" surface hole. Set 200' 8 5/8" casing, cement to surface with 200 sxs using oil base mud (15%) and Schaeffer 5000# standard doublegate hydraulic BOP. Drill a 7 7/8" hole to 7375' to test Dakota formation.

Wasatch formation on surface. Estimated tops: Ojo-2060'; Pictured Cliff-2900'; Cliff House-3730'; Point Lookout-5000'; Gallup-6028'; Greenhorn-6825'; Dakota "A"-7025'; Burro Canyon-7250'.



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 [Signature] TITLE Geologist DATE 7/17/81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NMOCC

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas well ☐ other

2. NAME OF OPERATOR

Chace Oil Company, Inc.

3. ADDRESS OF OPERATOR

313 Washington, S.E. Albuq. NM 87108

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1750' FWL & 1850' FSL

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

Unit "K"

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) Spud well

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐
☒

5. LEASE

Jicarilla 70

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 70

9. WELL NO.

11

10. FIELD OR WILDCAT NAME

S. Lindreth-Gallup-Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 34, T24N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

N. Mex.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7042' GR

(NOTE: Report results of multiple completion tests on change on Form 9-330.)



17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operations to commence approx. October 1, 1981. 4 1/2" casing to be run to 7325'. Cemented in two stages. 7285' float collar. Second stage 3200'. 800 sxs 50-50 posmix and class "B" cement with 2% calcium chloride, 6 1/2# Gilstone per sack. 12) Will log with induction and density logs. No cores. 13) No hazards expected.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Geologist

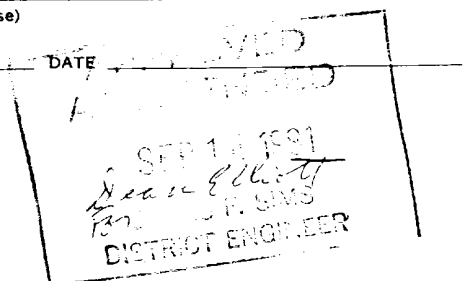
DATE 8/6/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC



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

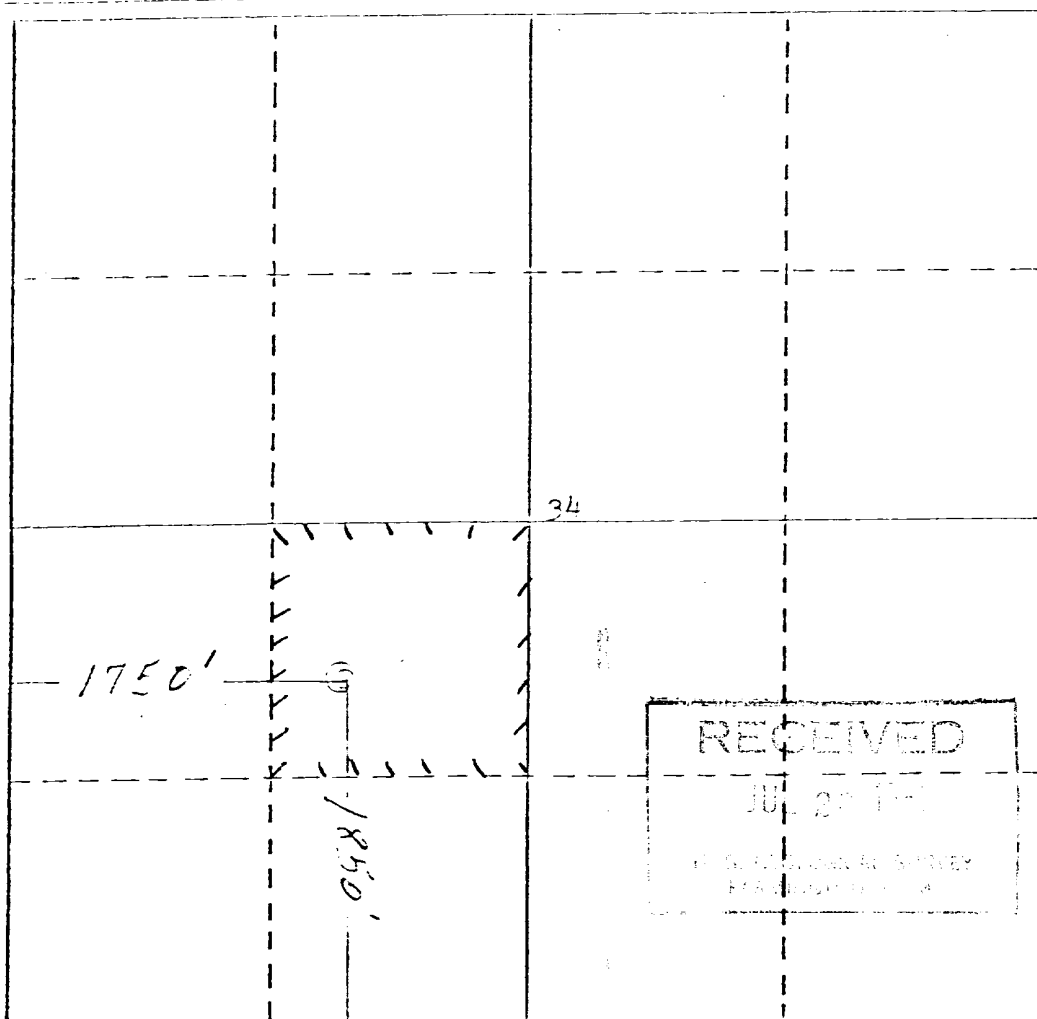
Operator CHACE OIL COMPANY		Lease JICARILLA		Well No. 70-11	
Unit Letter K	Section 34	Township 24 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well:					
1850 feet from the SOUTH		1750 feet from the WEST		Line	
Ground Level Elev. 7042	Producing Formation Dakota	Pool S. Lindreth-Gallup-Dakota		Dedicated Acreage: 40	Acre

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.

Ron Gordon
Name

Ron Gordon

Position
Geologist

Company
Chace Oil Company, Inc.

Date
7-24-81

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.

Michael Daly
Date Surveyed

July 10, 1981

Registered Professional Engineer and/or Land Surveyor

Michael Daly
Certificate No.
5992



296000 E INTERIOR GEOLOGICAL SURVEY WASHINGTON
6 MI. TO N. MEX. 44
CUBA VIA N. MEX. 441.27 MI.

ROAD CLASSIFICATION

Medium-duty ——— Light-duty ———
Unimproved dirt =====

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Photography by photogrammetric methods from aerial
photographs taken 1958 and 1962 Field checked 1963
1922 North American datum

Sta
CHACE OIL COMPANY
Jicarilla 70-11
SW 1/4, Sec. 34, T24N, R4W, N.M.P.M.,
OTE Rio Arriba County, New Mexico

State system, central zone
ticks