

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

720' FNL & 720' FEL

At proposed prod. zone

Unit 'A'

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

13 miles W-SW of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660' lease line
660' unit line

16. NO. OF ACRES IN LEASE

2580

17. NO. OF ACRES ASSIGNED

TO THIS WELL

Chacon-Dakota: 160

Undes.-Gallup: 40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2500'

19. PROPOSED DEPTH

7650'

20. ROTARY OR CABLE TOOLS

Rotary

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

7397' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

11-1-83

23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 200.

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | |
|--------------|----------------|-----------------|---------------|--|
| 9 3/4" | 8 5/8" | 22# (J-SS) | 225' | 225 sxs Class B cement, (405 CF) |
| 7 7/8" | 4 1/2" | 11.6# (N-80) | 7650' | 1st stage: 750 sxs. (1350 CF) 50/50 pozmix. 2nd stage: 530 sxs. (954 CF) 40/60 pozmix, 12% gel; 50 sxs. (90 CF) Class B cement |

Drill 230' of 9 3/4" surface hole. Set 225' of 8 5/8" casing; cement to surface with 225 sxs. cement. Use an oil base mud, (15% oil), and Schaeffer 5000# standard doublegate hydraulic BOP. Drill 7 7/8" hole to 7650' to test Dakota formation. Wasatch formation on surface. Estimated tops: Ojo-2640', Pictured Cliffs-3035', Chacra-3415', Cliff House-4615', Pt. Lookout-5090', Gallup-6215', Tocito-6890', Greenhorn-7190', Dakota 'A'-7280', Dakota 'D'-7430', Burro Canyon-7530'. D. V. tool @ 3085'. Float collar @ 7620'.

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 depth. Give shut-in pressure, if any.

24.

SIGNED

TITLE Geologist

DATE

DIST. 3

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

DATE

SEP 20 1983

AREA MANAGER
FARMINGTON RESOURCE AREA

*See Instructions On Reverse Side

000

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

| | | | | |
|--|--------------------------------------|------------------------------|--|-----------------------------|
| Operator CHACE OIL COMPANY, INC. | | Lease 47-JV | | Well No. 7 |
| Unit Letter A | Section 13 | Township 23 NORTH | Range 4 WEST | County RIO ARriba |
| Actual Footage Location of Well: 790 feet from the NORTH line and 790 feet from the EAST line | | | | |
| Ground Level Elev. 7385 | Producing Formation DAKOTA | Pool CHACON DAKOTA | Dedicated Acreage: 160 ACRES 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 **DIST 3** 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

RECEIVED

SEP 22 1983

OIL CON. DIV.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name John Eastling
Position LANDMAN
Company CHACE OIL COMPANY
Date 8-26-83

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

Date Surveyed August 22, 1983
Registered Professional Engineer and/or Land Surveyor

Michael Daly

Certificate No.
5992

RECEIVED

AUG 29 1983

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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| | | | | | |
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| Unit Letter A | Section 13 | Township 23 NORTH | Range 4 WEST | County RIO ARRIBA | |
| Actual Footage Location of Well: 790 feet from the NORTH line and 790 feet from the EAST line | | | | | |
| Ground Level Elev. 7385 | Producing Formation GALLUP | | Pool UNDISIGNATED GALLUP | | Dedicated Acreage: 40 Acres |

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