

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, New Mexico 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface Unit 'D' - 635' FNL & 695' FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12 miles 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) 635' Lease Line 635' Unit Line

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1300'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7147' GL

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"	22# (J-55)	225'	225 sxs (405 CF) Class B cement
7 7/8"	4 1/2"	11.6# (N-80)	7460'	1st stage: 750 sxs (1350 CF) 50/50 pozmix 2nd stage: 505 sxs (909 CF) 40/60 pozmix, 12% gel 40 sxs (72 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 (405 CF) cement. Use an oil base mud, (15% oil), and Schaeffer 5000# standard doublegate hydraulic BOP. Drill 7 7/8" hole to 7460' to test Dakota formation.

Wasatch formation on surface. Estimated tops: Ojo-2445'; Pictured Cliffs-2920'; Chacra-3270'; Cliff House-4425'; Point Lookout-5005'; Gallup-6095'; Tootito-6750'; Greenhorn-7045'; Dakota 'A'-7130'; Dakota 'D'-7255'; Burro Canyon-7355'.

D. V. Tool @ 2970'. Float Collar @ 7430'.

5. LEASE DESIGNATION AND SERIAL NO.

Tribal Contract #71

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal Cont. #71

9. WELL NO.

Q-17

10. FIELD AND POOL, OR WILDCAT

S. Lindrith Gallup Dakota

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

Sec. 3, T23N, R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

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16. NO. OF ACRES IN LEASE

1920 S. GEOLOGICAL SURVEY

19. PROPOSED DEPTH

7460'

17. NO. OF ACRES ASSIGNED TO THIS WELL

10. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

7-1-83

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MAY 24 1983

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productivity 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 7-12-83

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

NMOCE

*See Instructions On Reverse Side

APPROVED
AS AMENDED

DATE

MAY 23 1983

JAMES F. SIMS
DISTRICT ENGINEER

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

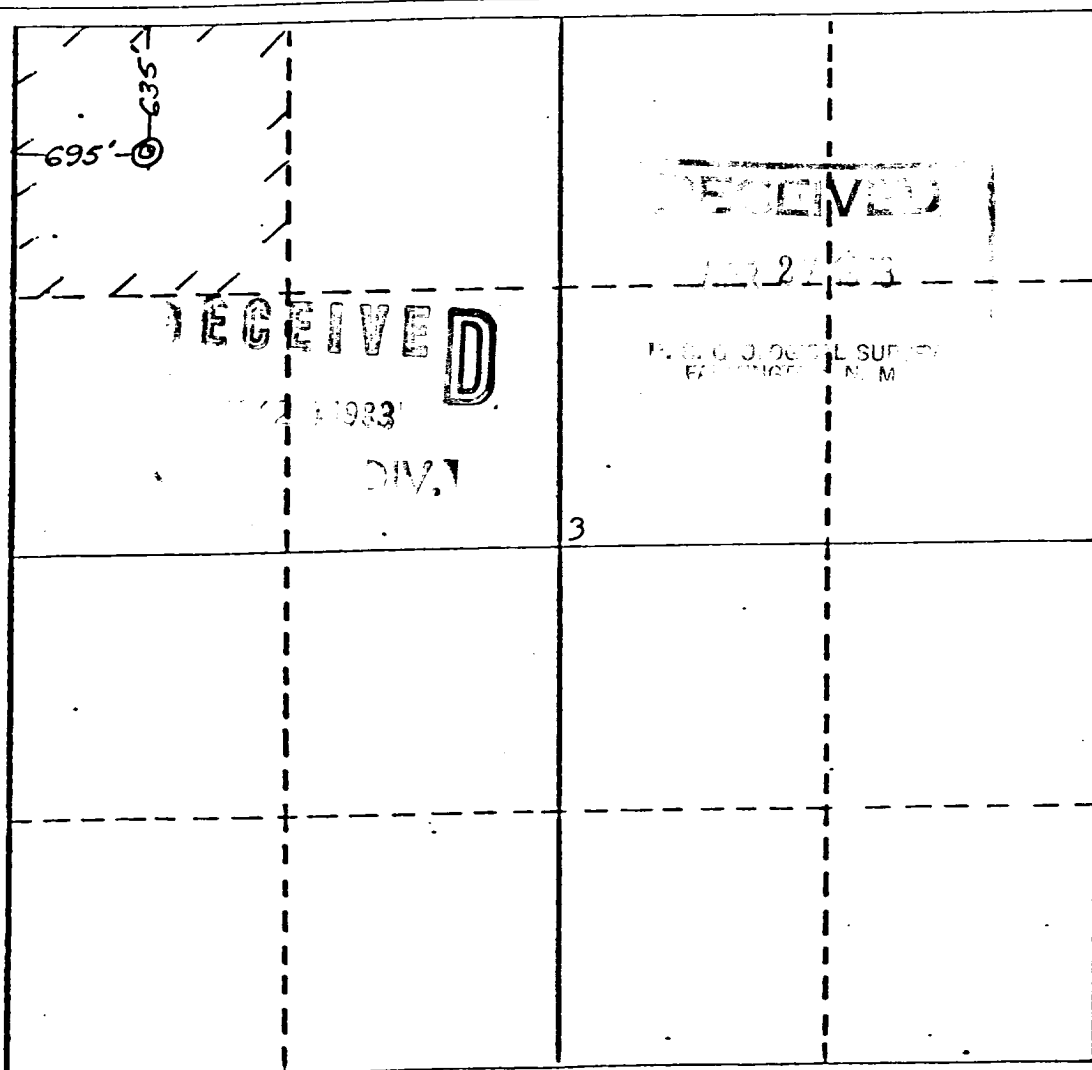
Operator CHACE OIL COMPANY, INC.			Lease JICARILLA TRIBAL #71		Well No. 17
Unit Letter D	Section 3	Township 23 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 635 feet from the NORTH line and 695 feet from the WEST line					
Ground Level Elev. 7147	Producing Formation Gallup - Dakota		Pool S. Lindrith 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.

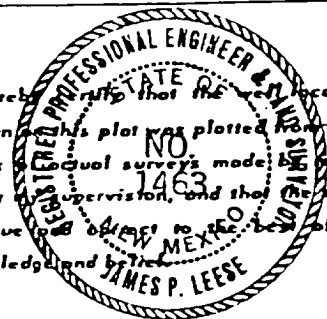


CERTIFICATION

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

Name James P. Leese
Position Geologist
Company Chace Oil Co.
Date 1-11-83

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



Date Surveyed November 18, 1982
Registered Professional Engineer and/or Land Surveyor
James P. Leese
Certificate No. 1463

