

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-139-23169

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 State requirements)
At surface Unit "P" 530' FSL and 530' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles W-SW of Lindrith, NM

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) Unit 790'

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

16. NO. OF ACRES IN LEASE
2560

19. PROPOSED DEPTH
7500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL
40

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7100' KB 7086' GL

22. APPROX. DATE WORK WILL START*
May 1, 1983

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	225'	225 sxs (405 CF) Class B cement
7 7/8"	4 1/2"	11.6	7500'	1st stage: 750 sxs (1350 CF) 50/50 pozmix 2nd stage: 550 sxs (990 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 (405 CF) cement. Use an oil base mud, (15% oil), and Schaeffer 5000# standard doublegate hydraulic BOP. Drill 7 7/8" hole to 7500' to test the Dakota formation.

Wasatch formation on surface. Estimated tops: Ojo-2485'; Pictured Cliffs-2925'; Chacra-3295'; Cliff House-4500'; Point Lookout-5010'; Gallup-6115'; Greenhorn-7075'; Dakota "A"-7155'; Dakota "D"-7300'; Burro Canyon-7405'.

D. V. Tool @ 2970'. Float collar at 7470'.

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 Rose E. Ertel TITLE Landman DATE 9-20-82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

APPROVED
DATE
NOV 03 1982
JAMES F. SIM
DISTRICT ENGINEER

*See Instructions On Reverse Side

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

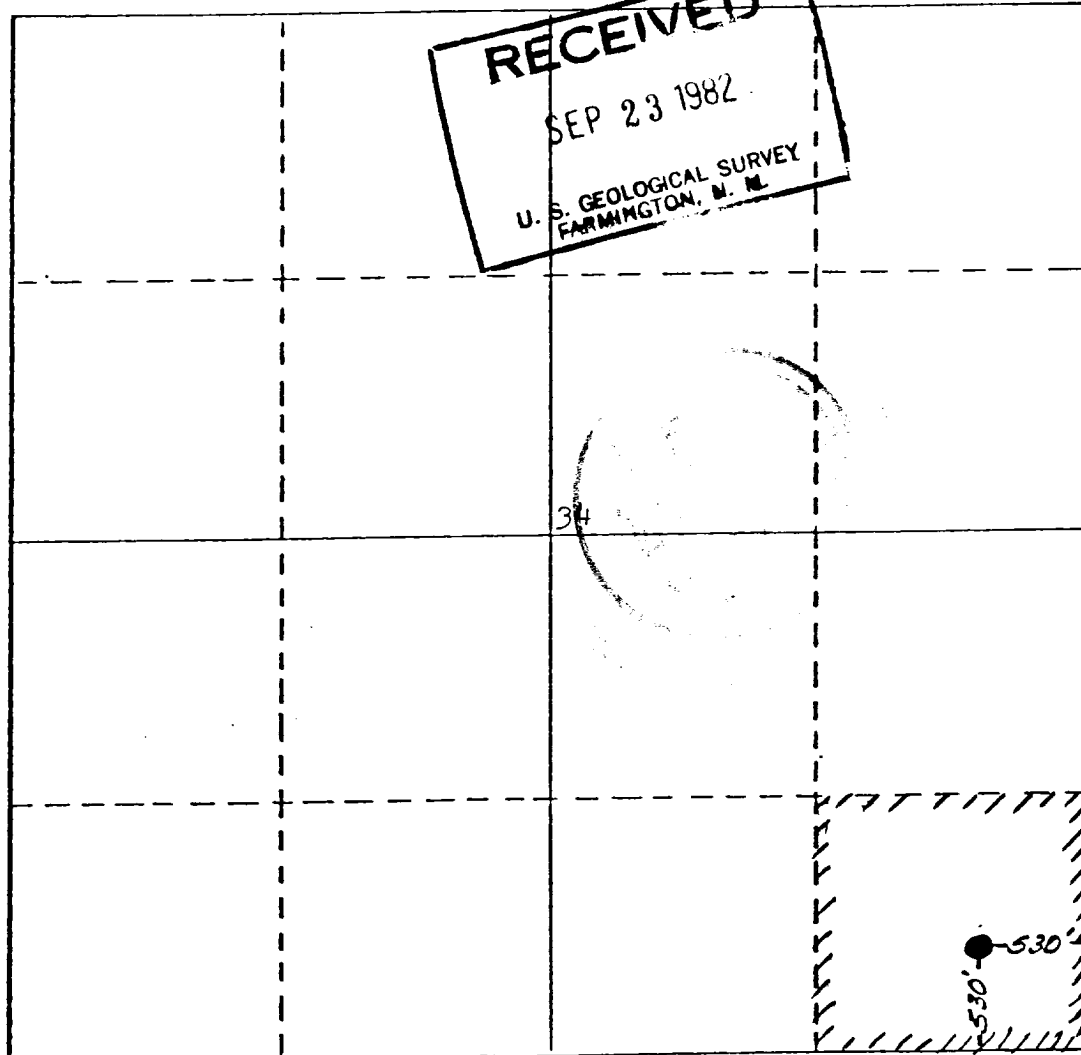
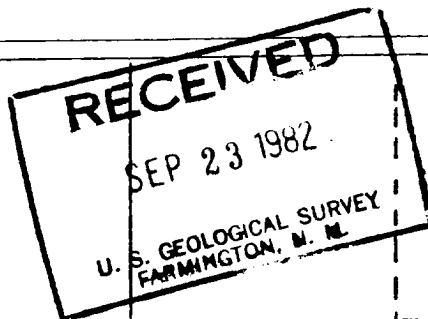
Operator CHACE OIL COMPANY			Lease Jicarilla Tribal #70		Well No. 70-16
Unit Letter P	Section 34	Township 24 NORTH	Range 4 WEST	County RIO ARRIBA	
Actual Footage Location of Well: 530 feet from the SOUTH line and 530 feet from the EAST line					
Ground Level Elev. 7086	Producing Formation Gallup - DAKOTA		Pool S. Lindrith Gallup Dakota		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

Landman
Name

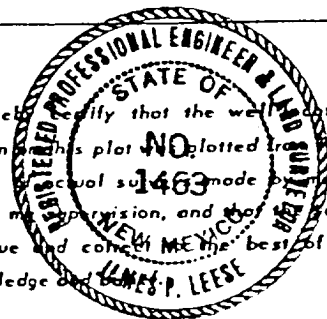
LANDMAN
Position

CHACE OIL COMPANY
Company

9-20-82
Date

Date

I hereby certify that the well location shown on this plat was plotted from field notes or actual survey made by me or under my supervision, and that same is true and correct to the best of my knowledge and belief.



Date Surveyed
September 7, 1982

Registered Professional Engineer and/or Land Surveyor

James P. Leese
James P. Leese

Certificate No.
1463

