

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-23047

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Tribal 361
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
2. NAME OF OPERATOR Chace Oil Company, Inc.			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 313 Washington, S. E., Albuquerque, NM 87108			8. FARM OR LEASE NAME Jicarilla Tribal 361
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 610 Unit "A", FNL & FEL 425 At proposed prod. zone			9. WELL NO. #1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 16 miles W, SW of Lindreth			10. FIELD AND POOL, OR WILDCAT S. Lindreth, Gallup Dakota
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA A Sec. 4; T23N, R4W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 800'			12. COUNTY OR PARISH Rio Arriba
19. PROPOSED DEPTH 7400'			13. STATE New Mexico
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7127 GR			17. NO. OF ACRES ASSIGNED TO THIS WELL 33.68
22. APPROX. DATE WORK WILL START* 8-25-82			

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#	225'	225 sxs Class "B" cement; 1st
7 7/8"	4 1/2"	11.6#	7400'	stage: 750 sxs 50/50 posmix; 2nd
				stage: 550 sxs 40/60 posmix,
				12% gel; 200 sxs Class "B" cemen

Drill 230' of 9 3/4" surface hole. Set 225' of 8 5/8" J-55 Grade 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 7400' to test Dakota Formation. Wasatch Formation on surface. Estimated tops: Ojo - 2420'; Pictured Cliffs - 2870'; Chacra - 3240'; Cliff House - 4360'; Point Lookout - 4960'; Gallup - 6055'; Greenhorn - 7000'; Dakota "A" - 7110'; Dakota "D" - 7245'; Burro Canyon - 7345'.

D. V. Tool @ 3000'. Float collar at 7340'.

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.

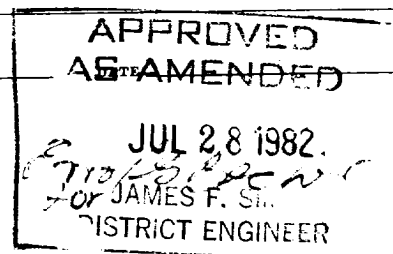
24. SIGNED Ross Erstling TITLE Landman DATE July 7, 1982
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

*See Instructions On Reverse Side

NMOC



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

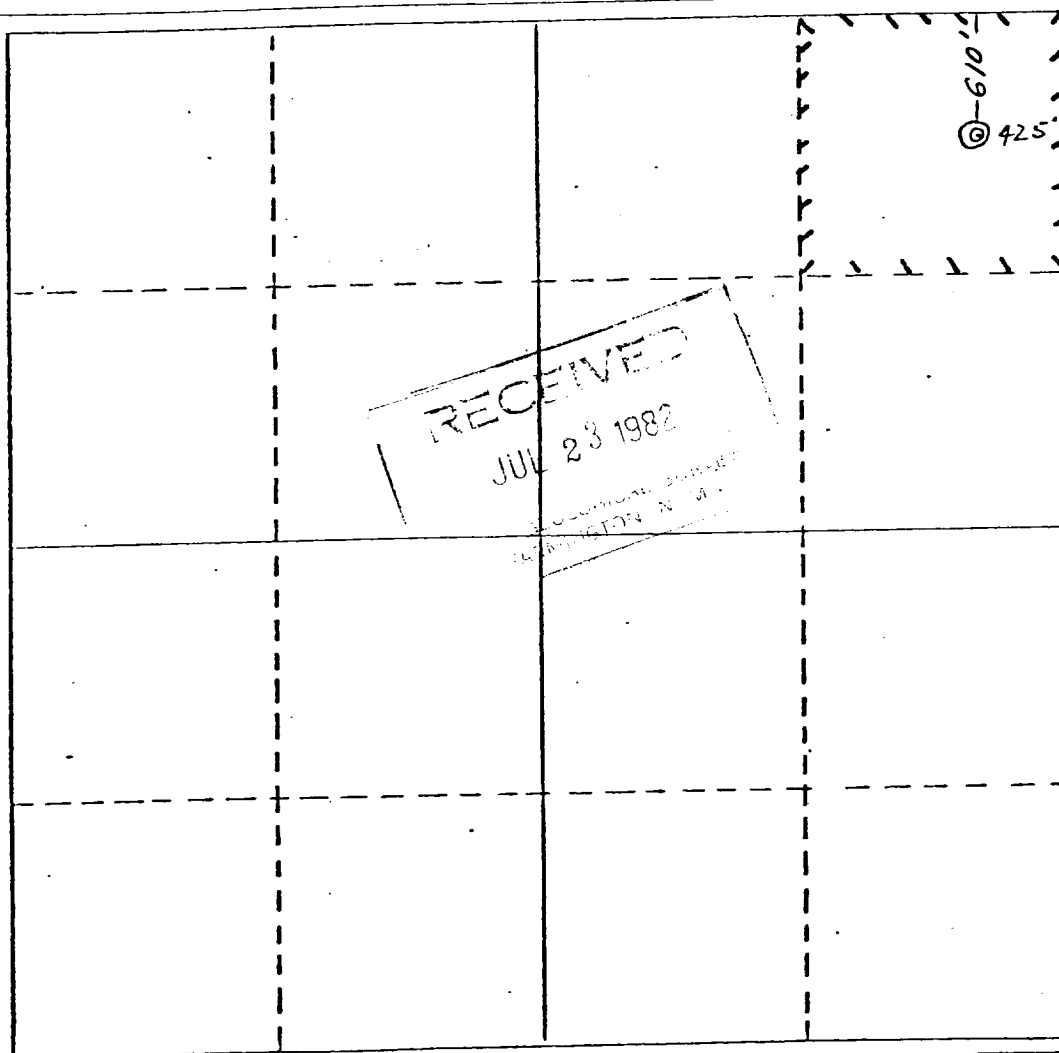
Operator CHACE OIL COMPANY			Lease JICARILLA Tribal 361		Well No. R1
Unit Letter A	Section 4	Township 23 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well:					
610 feet from the NORTH line and		425 feet from the EAST line			
Ground Level Elev. 7127	Producing Formation Gallup, Dakota	Pool S. Lindahl Gallup Dakota		Dedicated Acreage 33.68	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 Commission.

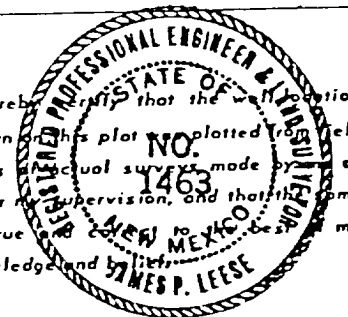


CERTIFICATION

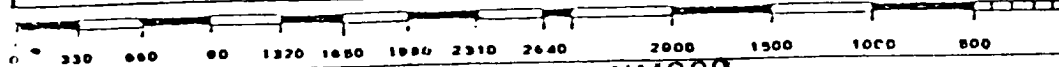
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

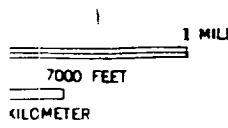
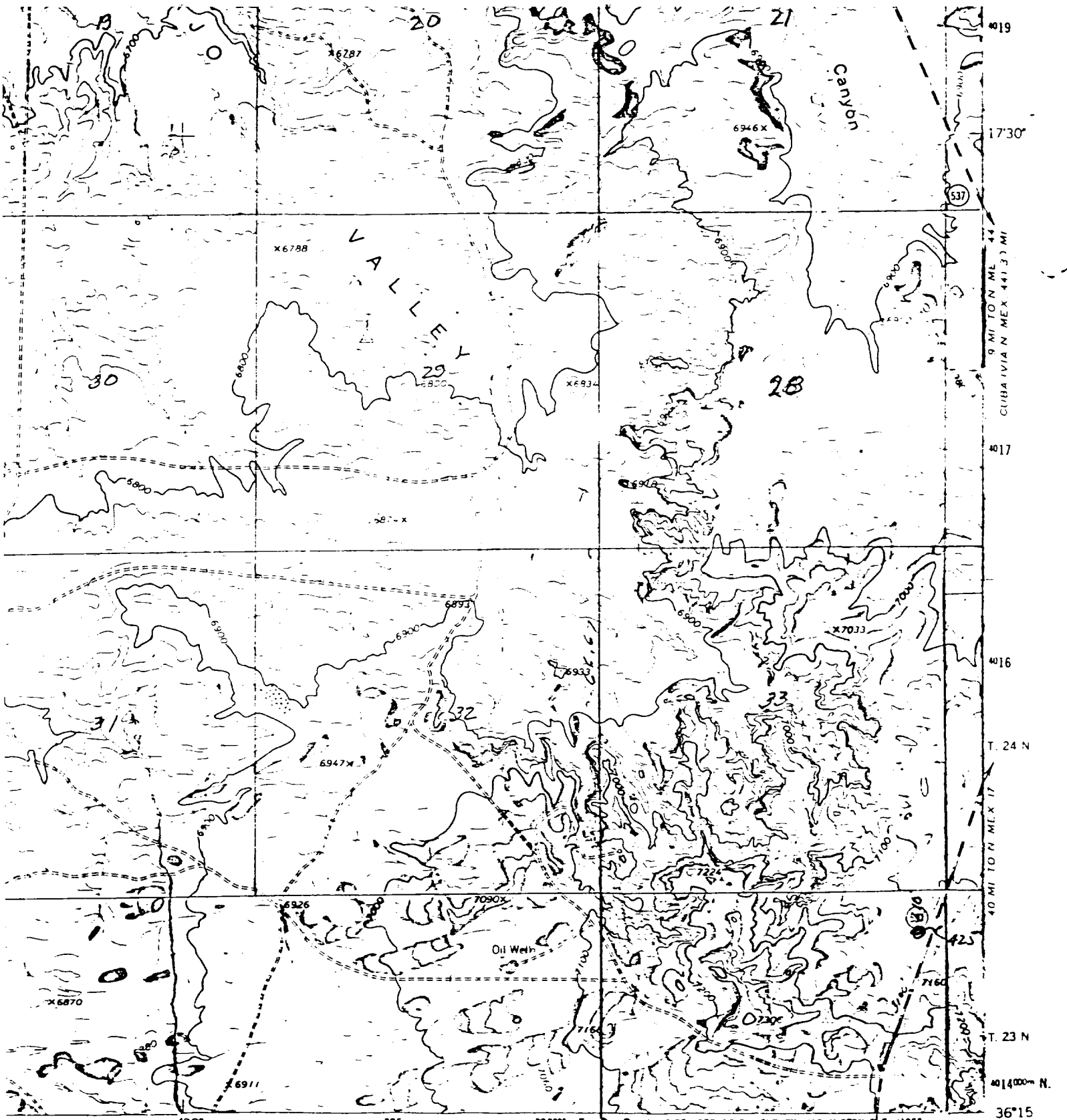
Name
Geologist
Position
Chace Oil Co.
Company
7-22-82
Date

I hereby certify that the well location shown on this plat as 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
20 July 1982
Registered Professional Engineer
and/or Land Surveyor
James P. Leese
Certificate No. **1463**





INTERIOR—GEOLOGICAL SURVEY WASHINGTON, D. C.—1945
6 MI. TO N. MEX. 44
CUBA VIA N. MEX. 441.27 MI

ROAD CLASSIFICATION

Medium duty
Unimproved

CHACE OIL COMPANY
NE 1/4 Sec. 4, T23N, R4W.
Rio Arriba County, N. M.

OTERO STORE, N. MEX.
N3615 - W10715/7 5

RECEIVED
JUL 23 1982
U. S. DEPARTMENT OF JUSTICE
FARMINGTON N. M.