

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. 30-043-20-250 Jicarilla 15
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input 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 SE, Albuquerque, NM 87108		8. FARM OR LEASE NAME Chace Apache
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface Unit I 1775' SL & 1000'EL At proposed prod. zone		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Regina, NM 13½ miles NE		10. FIELD AND POOL, OR WILDCAT Chacon Dakota ex 1
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE 1000'	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20 T23N-R3W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 2600'	12. COUNTY OR PARISH Sandoval
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7250' GR	20. ROTARY OR CABLE TOOLS Rotary	13. STATE NM
22. APPROX. DATE WORK WILL START*		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13½	3 5/8"	24#	250'	225 sxs

Drill 265' 13½ surface hole, set 250' 8 5/8" csg. Cement to surface with 225 sxs. Using oil base mud (15%) oil and adequate BOP drill a 7-7/8" hole to 7800' to test the Dakota formation. If productive run 4½" 10.5# or heavier csg. to total depth and cement in stages to cover the producing zones including the Pictured Cliffs formation. If non-productive plug and abandon. BOP to be a Scheaffer Doublegate Hydraulic tested to 5000#. Coleman Drilling Company to drill the well.

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 Raymond W. Cary TITLE President DATE 5-23-77
(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

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator CHACE OIL COMPANY		Lease CHACE APACHE		Well No. 2
Unit Letter I	Section 20	Township 23 NORTH	Range 3 WEST	County SANDOVAL
Actual Footage Location of Well: 1775 feet from the SOUTH line and 1000 feet from the EAST line				
Ground Level Elev. 7250	Producing Formation <i>Dakota</i>	Pool <i>Chaco ext</i>	Dedicated Acreage: 160. 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 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.

Royce McCary
Name

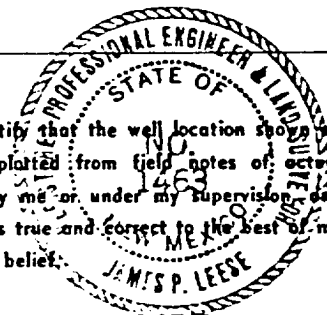
Royce McCary
Position

President
Company

Chace Oil Company
Date

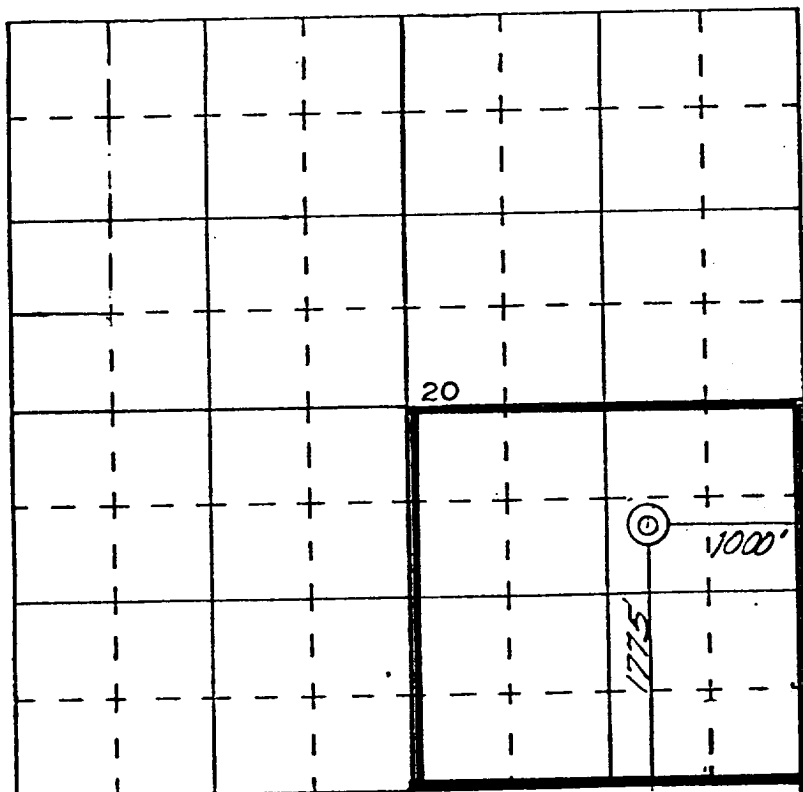
5-23-77

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.



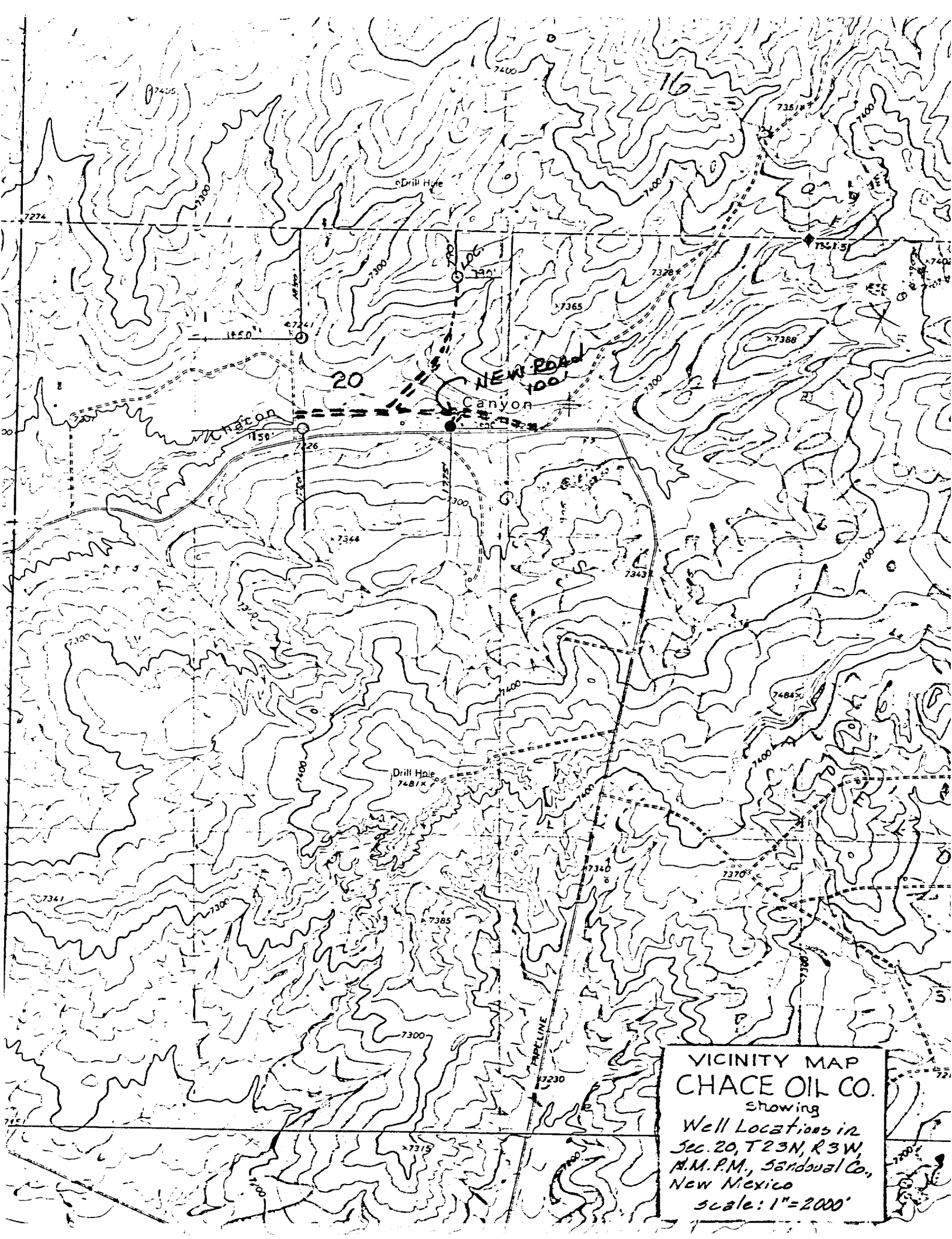
7 May 1977

Date Surveyed
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor **James P. Leese**



N

SCALE—4 INCHES EQUALS 1 MILE



VICINITY MAP
CHACE OIL CO.
Showing
Well Locations in
Sec. 20, T23N, R3W,
N.M.P.M., Sandoval Co.,
New Mexico
scale: 1"=2000'