

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, S.E. Albuquerque, N. Mex. 87102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

Unit "A" - 790' EL & 790' NL

At proposed prod. zone

660N 660E

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

15 miles W-SW of Lindreth, N. M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

790'

18. DISTANCE FROM PROPOSED LOCATION*

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

2640'

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

77400'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160 - 40

20. ROTARY OR CABLE TOOLS

Rotary

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

7009GR

22. APPROX. DATE WORK WILL START*

June 1, 1981

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	200	200 SXS

Drill 205' of 9-3/4" surface hole. Set 200' 8-5/8" casing. Cement to surface with 200 sxs using oil base mud (15%) oil and Schaeffer 5000# standard doublegate hydraulic BOP. Drill a 7-7/8" hole to 7500 feet to test the Dakota formation.

3) Wasatch formation on surface.

6) Ojo - 2195'; Pictured Cliff - 2873'; Chacra - 3350'; Cliff House - 3892'; Point Lookout - 5200'; Gallup - 6210'; Greenhorn - 7110'; Dakota "A" 7220'; Burro Canyon - 7350'.

7) 2200 - 2800; water; 2870-3000 gas; 6200-6400 oil; 7195-7270, oil 7350-7410 water.

NEW 4-1/2" 10.5# casing to be run to 7350'. Cemented in two stages. 7310' float collar. Second stage 3200' 800 sxs 50-50 posmix and Class "B" cement with 2% calcium chloride, 6 1/4# Gilstone per sack.

12) Will log with induction and density logs. No cores. 13) No hazards expected.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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 M. Cary

TITLE

President

DATE

1/15/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED
AS AMENDEDMAR 15 1981
James F. Sims
JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions On Reverse Side

NMOCC

NEW MEXICO OIL, GAS, AND WATER COMMISSION
 WELL LOCATION AND ACREAGE DEDICATION PL

Revised
 September 1978
 Effective 1-1-83

All distances must be from the center line of the Section.

Operator CHACE OIL COMPANY		Lease Jicarilla 70		Well No. 70-9	
Well Letter A	Section 34	Township 24 NORTH	Range 4 WEST	County RIO ARRIBA	

Well Location of Well		Line and		Line	
660'	feet from the North	660'	feet from the East		
Sound Level Elev. 7009	Producing Formation Gallup-Dakota	Pool Lindreth S. Gallup-Dakota	Dedicated Acreage 4.0	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.

Royce McCary
 Name

Royce McCary

Position

President

Company

Chace Oil Company, Inc.

Date

2/19/81

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.

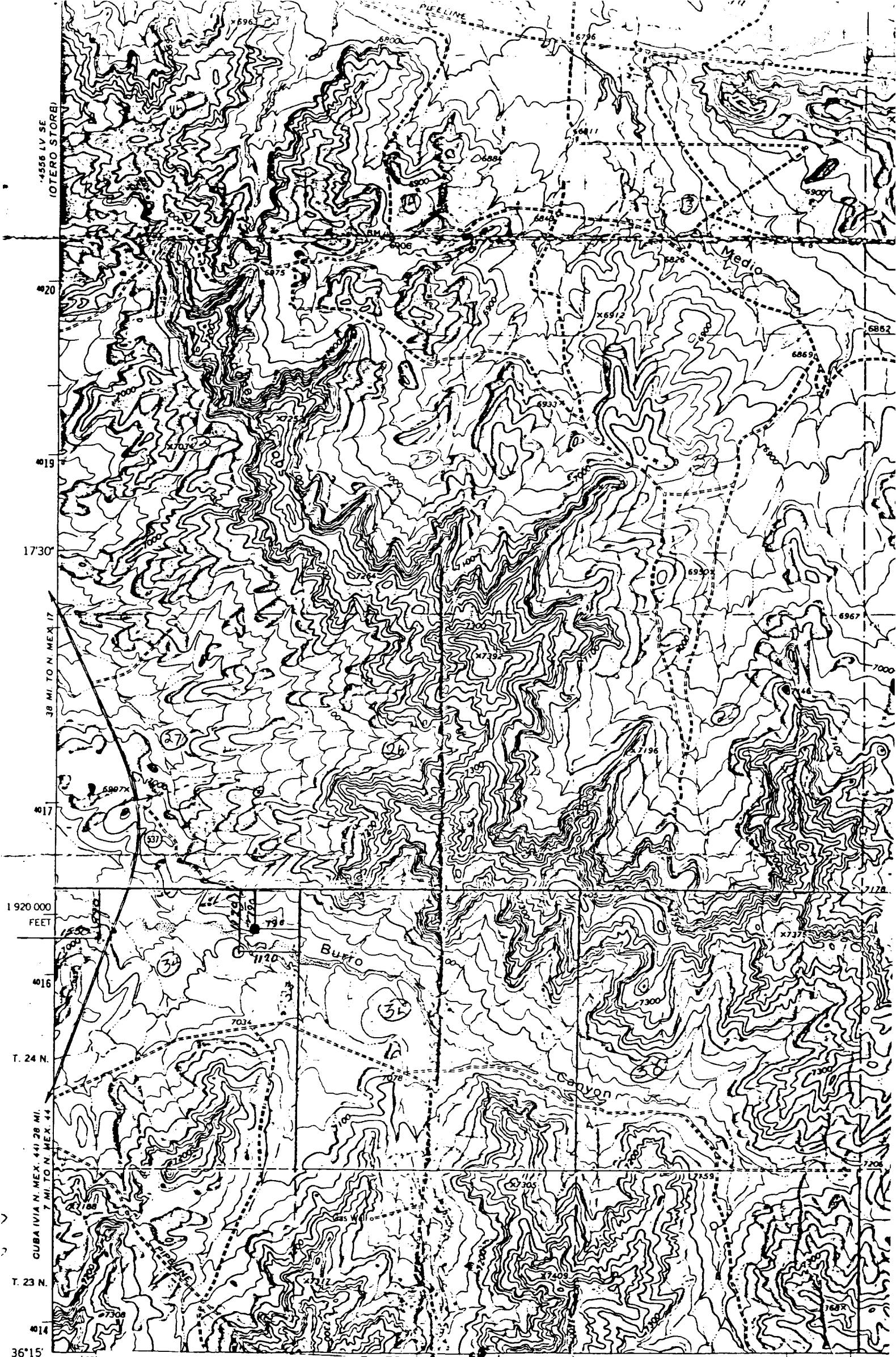
Michael Daly

Date Surveyed

January 16, 1981

Registered Professional Engineer
 and/or Land Surveyor

Michael Daly



Chace Oil Company
Jic. #70-9
NE $\frac{1}{4}$, Sec. 34, T24N, R4W, N.M.P.M.
Rio Arriba County, New Mexico

