

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, New Mexico 87108

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

At surface

Unit 'D' 660' FNL + 330' FWL
At proposed prod. zone

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

16 miles W-SW of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT. 750' Lease Line

(Also to nearest drlg. unit line, if any) 360' Unit Line

18. DISTANCE FROM PROPOSED LOCATION*

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

1650'

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

7198' GR SUBJECT TO COMPLIANCE WITH ATTACHED

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24# (J-55)	225'	225 SXS (266 CF) Class B Cement
7 7/8"	4 1/2"	11.6# (N-80)	7460'	1st stage 750 SXS (1073 CF)

50/50 pozmix 12 1/4" 500 SXS (127 CF)
2nd stage 500 SXS (127 CF)
65/35 pozmix 12 1/4" 128 gal
40 SXS (47 CF) Class B cement

Drill 230' of 12 1/4" surface hole. Set 225' of 8 5/8" casing with 225 SXS (266 CF) cement. Use an oil base mud (15% oil) and standard doublegate hydraulic BOP. Drill 7 7/8" hole to 7460' Wasatch formation to surface. Estimated tops: Ojo - 2582'; Chacra - 3325'; Cliff House - 4495'; Point Lookout - 5046'; Gallup - 5790'; Greenhorn - 7127'; Dakota 'A' - 7221'; Dakota 'D' 7351'; Burro Canyon - 7440';

D. V. Tool at 3014'. Float Collar at 7415'

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 location and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Landman

(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

NMOCC

30-039-23389

5. LEASE DESIGNATION AND SERIAL NO.

Tribal Contract # 71

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

#71
Jicarilla Tribal Contract

8. WELL NO.

230

10. FIELD AND POOL, OR WILDCAT

S. Lindrith, Gallup-Dakota

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

See. 10, T23N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

DRILLING OPERATIONS AUTHORIZED ARE

"GENERAL REQUIREMENTS"

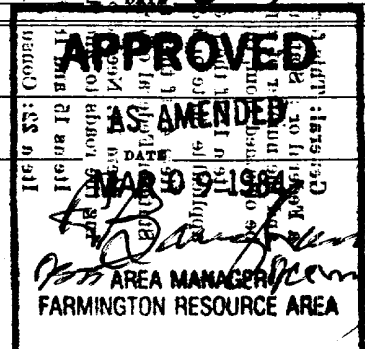
This action is subject to administrative
appeal pursuant to 30 CFR 250.

RECEIVED

MAR 14 1984

OIL CON. DIV.

DIST. 3



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

Operator CHACE OIL COMPANY, INC.			Lease Jicarilla Tribal Contract #71		Well No. 71- 30
Unit Letter D	Section 10	Township 23 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 660 feet from the NORTH line and 360 feet from the WEST line					
Ground Level Elev. 7198	Producing Formation Gallup - Dakota		Pool S-Lindrieth, 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 _____

	RECEIVED MAR 14 1984 OIL CON. DIV. DIST-3
	RECEIVED MAR 07 1984 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA

CERTIFICATION

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

Name Ross Esteban
Position Landman
Company Chace Oil Co., Inc.
Date 3-1-84

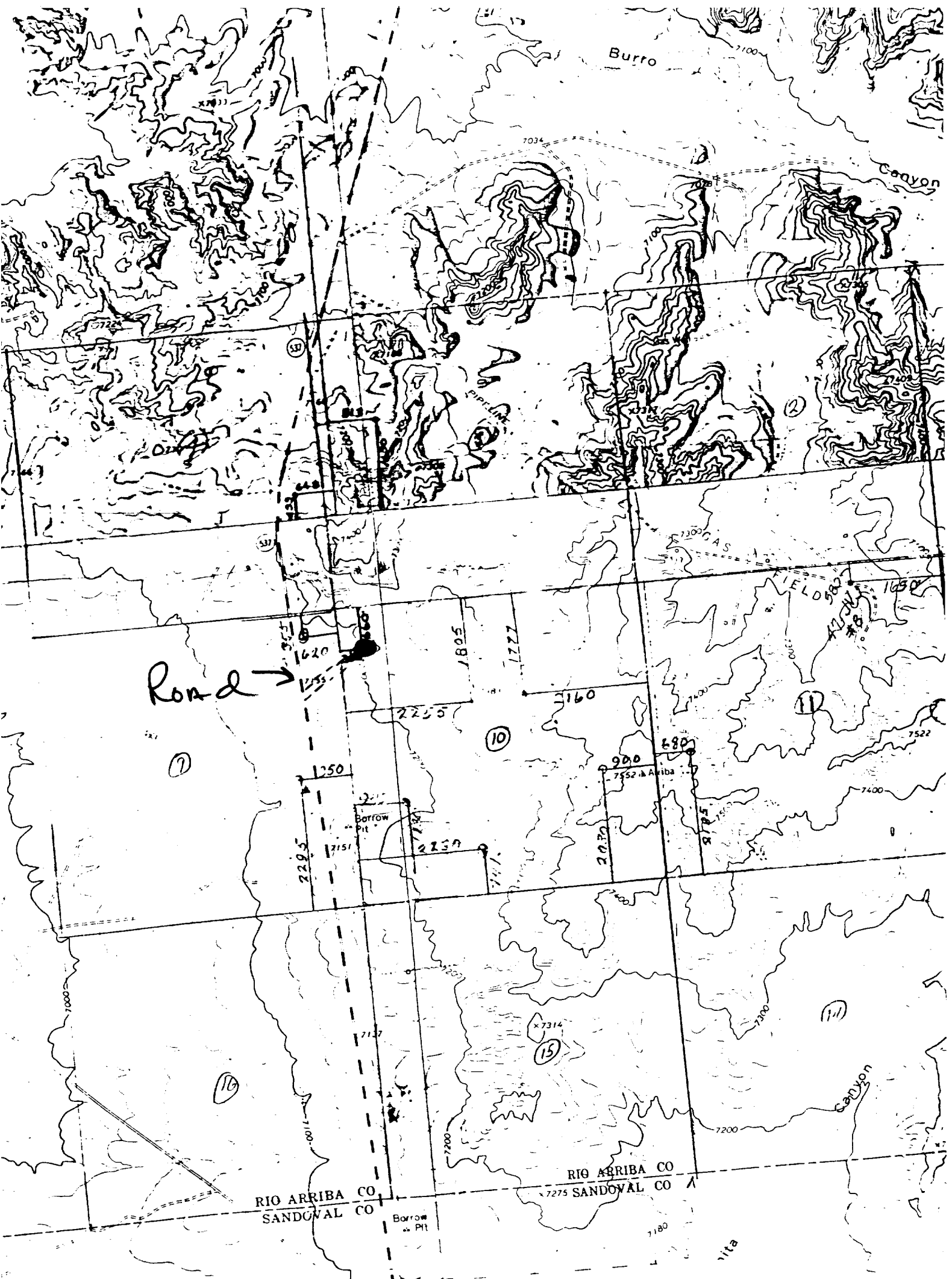
I hereby certify that the well location shown on the plat was plotted from field notes of a survey made by me or under my supervision and that the same is true and correct to the best of my knowledge.

Date Surveyed January 10, 1984
Registered Professional Engineer and/or Land Surveyor

Michael Daly

Certificate No.
5992

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



RIO ARRIBA CO
SANDOVAL CO

RIO ARRIBA CO
SANDOVAL CO

Borrow Pit

7275 SANDOVAL CO

CHACE OIL COMPANY, INC.
#71-30
NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 10, T23N, R4W, N.M.P.M.,
Rio Arriba County, New Mexico