

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-239-23418
5. LEASE DESIGNATION AND SERIAL NO.

Tribal Contract # 71

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

71

Jicarilla Tribal Contract

9. WELL NO.

22-23

10. FIELD AND POOL, OR WILDCAT

S. Lindrith, Gallup-Dakota

11. SEC., T., R., M., OR BLK.

E AND SURVEY OR AREA

Sec. 10, T23N, R4W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

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 'F' 1805' FNL + 2255' FWL

At proposed prod. zone

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

16 1/2 miles W-SW of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 2900' Lease Line
385' Unit Line

16. NO. OF ACRES IN LEASE

1920

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

1150'

19. PROPOSED DEPTH

7674'

20. ROTARY OR CABLE TOOLS

Rotary

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

7382 GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS" DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

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	7673'	1st stage: 750 SXS (1073 CF) 50/50 pozmix. 2nd stage: 505 SXS (1177 CF) 65/35 pozmix, 12% gel 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 Schaeffer 5000# standard doublegate hydraulic BOP. Drill 7 7/8" hole to 7674' to test the Dakota formation. Wasatch formation to surface. Estimated tops: Ojo - 2667'; Pictured Cliffs - 3065'; Chacra - 3448'; Cliff House 4633'; Point Lookout 5173'; Gallup 5911'; Tocito - 6927'; Greenhorn - 7252'; Dakota 'A' - 7347'; Dakota 'B' - 7472'; Burro Canyon - 7574'.

D. V. Tool at 4005'. Float Collar at 7534'.

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 true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Monte Anderson

TITLE Geologist

DATE 3/19/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

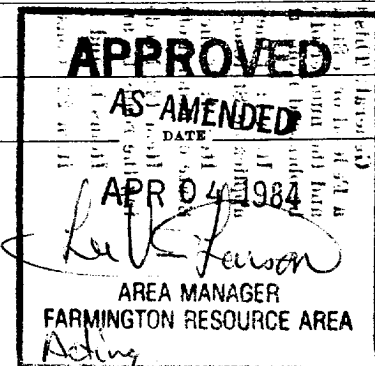
APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

WMOCC



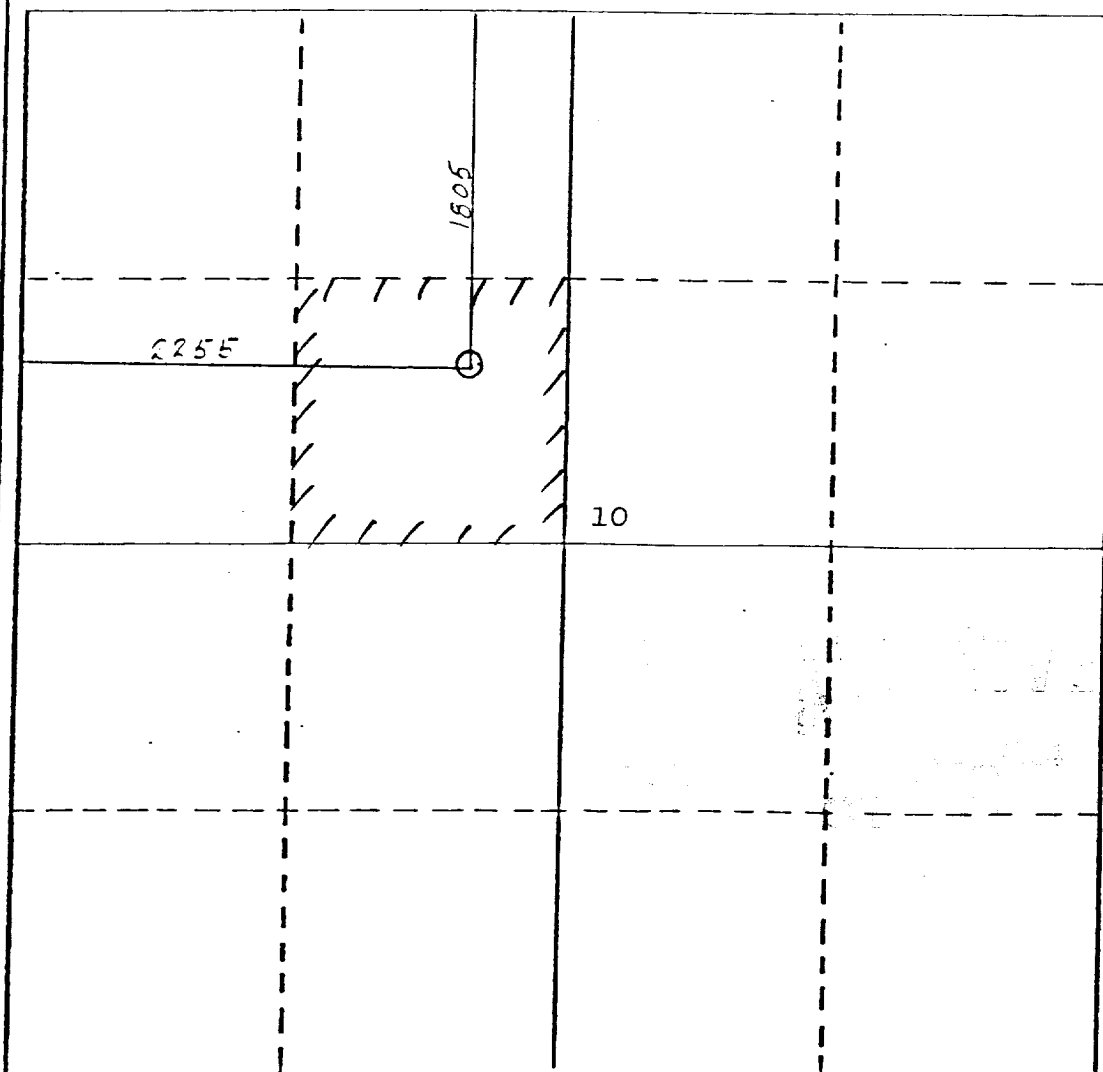
Operator CHACE OIL COMPANY, INC.		Lease Jicarilla Tribal Contract #71		Well No. 71-23
Unit Letter F	Section 10	Township 23 NORTH	Range 4 WEST	County RIO ARRIBA
Actual Footage Location of Well: 1805 feet from the NORTH line and 2255 feet from the WEST line				
Ground Level Elev. 7382	Producing Formation Gallup-Dakota	Pool S. Lindrith Gallup-Dakota	Dedicated Acreage: 40 Acr	

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.



CERTIFICATION

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

Monte Anderson

Name

Geologist

Position

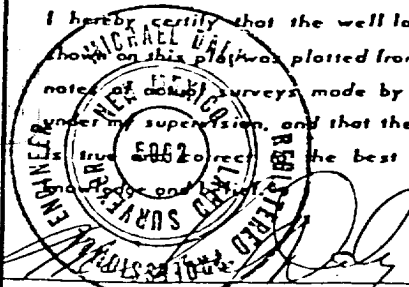
Chace Oil Co., Inc.

Company

3/16/84

Date

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 are true and correct to the best of my knowledge and belief.



Date Surveyed

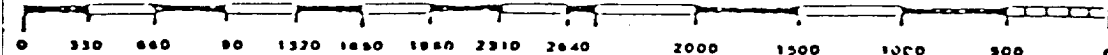
November 29, 1983

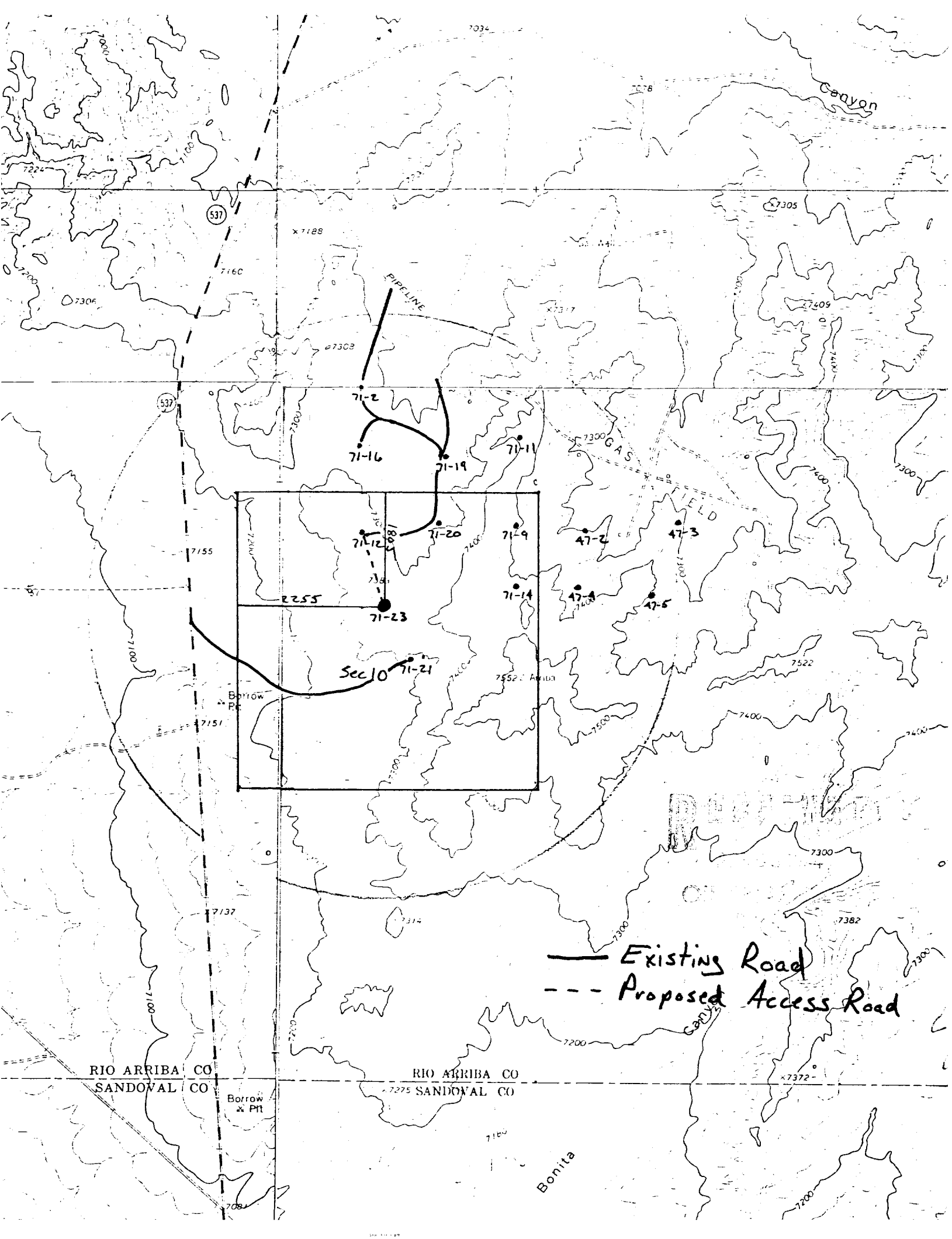
Registered Professional Engineer and/or Land Surveyor

Michael Daly

Certificate No.

5992





— Existing Road
--- Proposed Access Road

RIO ARRIBA CO
SANDOVAL CO

RIO ARRIBA CO
SANDOVAL CO

Borrow
x Pit

Bonita