

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-039-21849

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla 416

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Medio Canyon

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

Chacon Dakota Assoc. ent.

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

Section 26, T24N, R4W

12. COUNTY OR PARISH
Rio Arriba13. STATE
New Mexico

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

SOUTHLAND ROYALTY COMPANY

3. ADDRESS OF OPERATOR

P. O. Drawer 570, Farmington, New Mexico

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

At surface

1900' FNL & 400' FEL

At proposed prod. zone

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

55 miles south/southwest of Dulce, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH
7792'17. NO. OF ACRES ASSIGNED
TO THIS WELL20. ROTARY OR CABLE TOOLS
Rotary22. APPROX. DATE WORK WILL START*
November 1, 1978

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#	200'	165 cu. ft.
7-7/8"	4-1/2"	10.5#	7000'	873 cu. ft.
7-7/8"	4-1/2"	11.6#	7000-7792'	754 cu. ft.
	2-3/8"	4.7#	7700'	

Surface formation is San Jose.

Top of Kirtland sand is at 2922'.

Top of Pictured Cliffs sand is at 3215'.

Fresh water mud will be used to drill from surface to total depth.

It is anticipated that an IES, Gamma Ray Density and Sonic log will be run
at total depth.

No abnormal pressures or poisonous gases are anticipated in this well.

It is expected that this well will be drilled before November 15, 1978. This
depends on time required for approvals, rig availability and the weather.

Gas is not dedicated.

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

TITLE

District Production Manager

DATE

August 18, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

AUG 21 1978

*See Instructions On Reverse Side

U.S. GEOLOGICAL SURVEY

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-147
Supersedes C-128
Effective 1-1-65

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

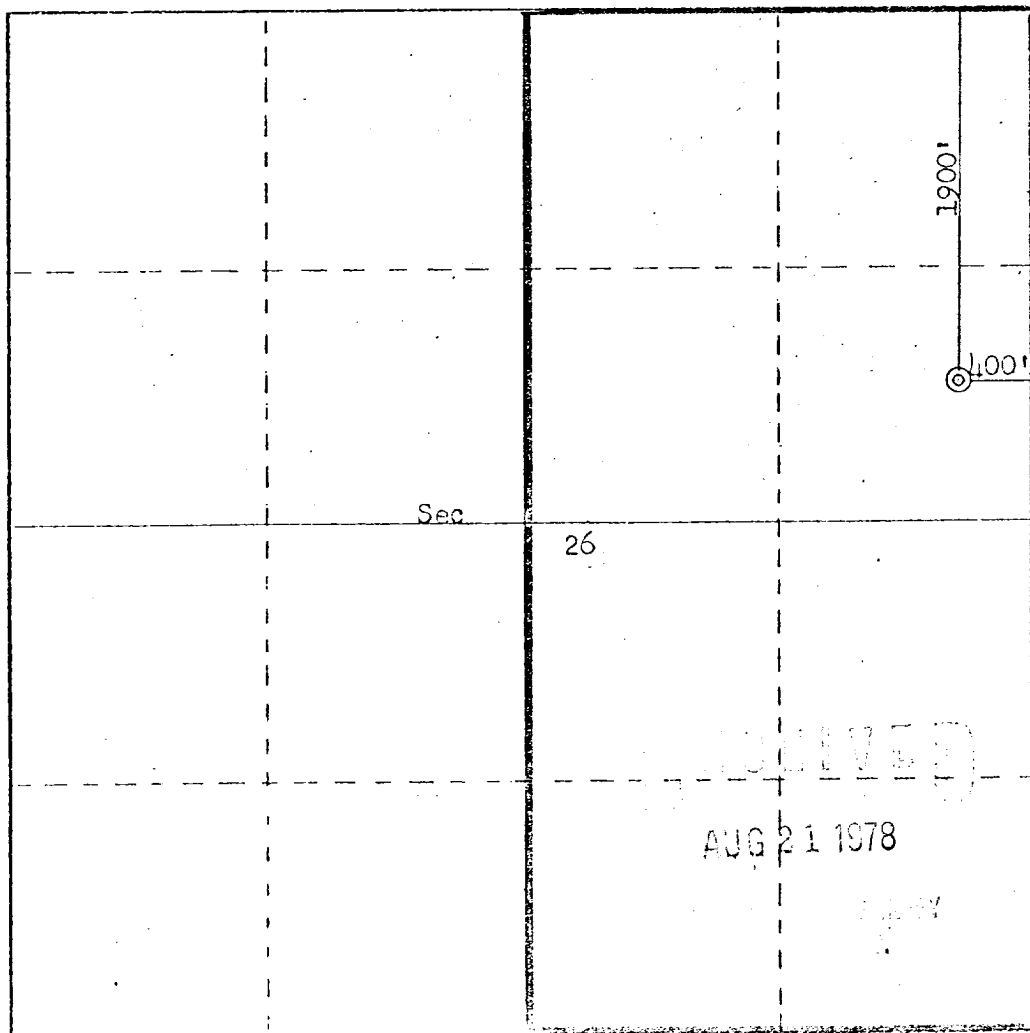
Operator SOUTHLAND ROYALTY COMPANY			Lease MEDIO CANYON		Well No. 2
Unit Letter H	Section 26	Township 24N	Range 4W	County Rio Arriba	
Actual Port of Location of Well: 1900 feet from the North line and 400 feet from the East line.					
Ground Level Elev. 7103	Producing Formation Dakota		Pool Chacon Assoc. ext.	Dedicated Acreage 320 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 _____
Position
District Production Manager
Company
Southland Royalty Company
Date
August 18, 1978

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.

Date Surveyed
June 18, 1978
By
Frederick D. Kerr, Jr.
3950
KERR, JR.