

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Southland Royalty Company

3. ADDRESS OF OPERATOR

P. O. Drawer 570, Farmington, New Mexico 87499

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

At surface

1090' FNL & 1760' FWL

At proposed prod. zone

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

4 Miles West of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1090'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

400'

16. NO. OF ACRES IN LEASE

2336.05

19. PROPOSED DEPTH

6980'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320-296.11

20. ROTARY OR CABLE TOOLS

Rotary

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

5873' GL

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

October 15, 1984

23. "GENERAL REQUIREMENTS" 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"	New 9-5/8"	32.30#,H-40	200'	129.8 cu.ft. (Circulate to surface)
7-7/8"	New 5-1/2"	15.50#,K-55	6700'	Stage 1: 331 cu.ft.
7-7/8"	New 5-1/2"	17#,K-55	6980'	(Cover Gallup)
				Stage 2: 347 cu.ft.
				(Cover Cliff House)
				Stage 3: 443 cu.ft.
				(Cover Ojo Alamo)

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 750'

Top of Pictured Cliffs sand is at 2210'.

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

It is anticipated that an IEL will be run from total depth to surface casing and a
GR-Density will be run from total depth to 1800'.

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

It is expected that this well will be drilled before November 15, 1984

This depends on time required for approvals, rig availability and the weather.

Gas is 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

Dist. Operations Engineer

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL

TITLE

APPROVED

DATE

6-27-84

AS AMENDED

JUL 06 1984

JOHN S. MCKEE

DATE

AREA MANAGER
FARMINGTON RESOURCE AREA

OIL CON. DIV.
DIST. 3

NMOCC

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

Form C-107
Revised 10-1-78

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

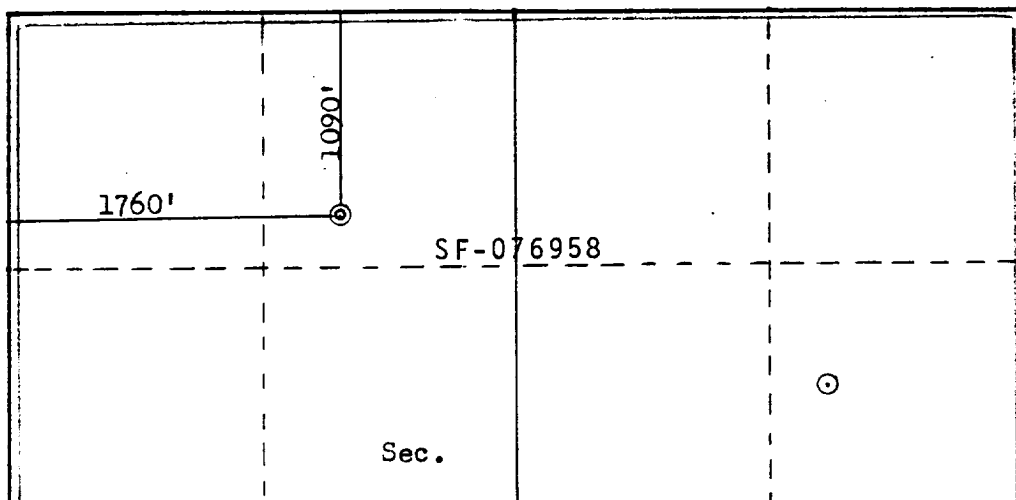
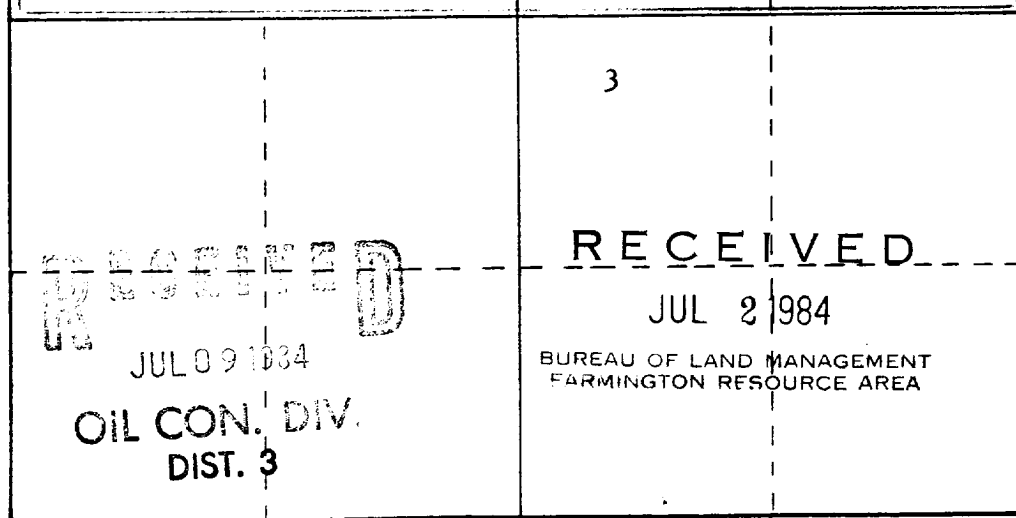
Operator SOUTHLAND ROYALTY COMPANY			Lease HARE		Well No. 16E
Unit Letter C	Section 3	Township 29N	Range 10W	County San Juan	
Actual Footage Location of Well: 1090 feet from the North line and 1760 feet from the West line					
Ground Level Elev: 5873' GL	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320²/₆ 11 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.

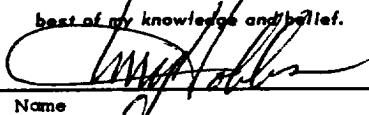
RECEIVED
JUL 2 1984
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

RECEIVED
JUL 9 1984
OIL CON. DIV.
DIST. 3

Scale: 1"=1000'

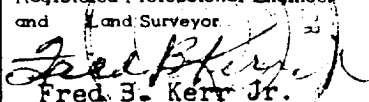
CERTIFICATION

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



Name
C. Terry Hobbs
Position
Dist. Operations Engineer
Company
Southland Royalty Company
Date
June 27, 1984

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
March 27, 1984
Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.

Certificate No. **3950**

