

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

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

1530' FSL & 800' FWL

At proposed prod. zone

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

5 miles Southwest of Cedar Hill, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

200'

16. NO. OF ACRES IN LEASE

360.00

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

500'

19. PROPOSED DEPTH

7430

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

6063' GL

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
12-1/4"	New 9-5/8"	32.30#, H-40	250'
8-3/4"	New 7"	23#, K-55	5020'
6-1/4"	New 4-1/2"	10.50#, K-55	4870'-6800'
6-1/4"	New 4-1/2"	11.60#, K-55	6800'-7430'

177 cu.ft. (Circulate to surface)
Stge 1: 148 cuft (Cover Cliff House)
Stge 2: 396 cuft (Cover Ojo Alamo)
444 cu.ft. (Circulate to liner)

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1110'.

Top of Pictured Cliffs sand is at 2850'.

Fresh water will be used from surface to intermediate total depth, an air system will be used from intermediate total depth to 6350', and from 6350 to total depth 50/50 air-nitrogen will be used.

It is anticipated that an IES will be run from intermediate TD to surface casing, GR-Density will be run from intermediate TD to 2200', and an GR-Induction and GR-Density from total Depth to intermediate total depth.

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

It is expected that this well will be drilled before March 31, 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

District Engineer

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

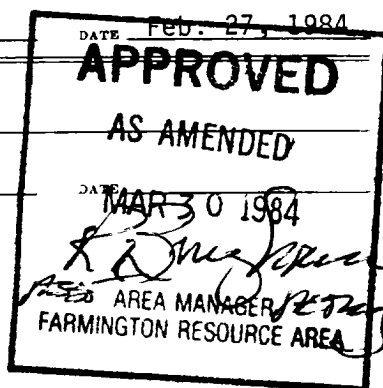
TITLE

RECEIVED

APR 02 1984

OIL CON. DIV.
DIST. 3

NMOCC



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

Operator SOUTHLAND ROYALTY COMPANY			Lease CHILDERS		Well No. 3
Unit Letter L	Section 1	Township 31N	Range 11W	County San Juan	
Actual Footage Location of Well: 1530 feet from the South line and 800 feet from the West line					
Ground Level Elev. 6063' GL	Producing Formation Dakota		Pool Basin		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 Communitization

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 APR 02 1984 OIL CON. DIV. DIST. 3		RECEIVED MAR 01 1984 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA	
Sec.		1 FEE	
800'		1530'	
SF-078040-A			

Scale: 1"=1000'

CERTIFICATION

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

R. E. Fielder

Name

R. E. Fielder

Position

District Engineer

Company

Southland Royalty Company

Date

Feb. 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

December 9, 1983

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950