

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

(N) 940' FSL &amp; 1150' FWL

At proposed prod. zone

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

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

43 Miles 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)

940'

16. NO. OF ACRES IN LEASE

1217.34

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

141.26/301.76

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

2500'

19. PROPOSED DEPTH

6473'

20. ROTARY OR CABLE TOOLS

Rotary

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

7211' GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START\*

July 31, 1985

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"	New 8-5/8"	32.30#, H-40	200'	130 cu.ft. (Circulate to surface)
8-3/4"	New 7"	20#, K-55	3950'	388 cu.ft. (Cover Ojo Alamo)
	New 7"	23#, K-55	3950'-4348'	
6-1/4"	New 4-1/2"	10.50#, K-55	4198'-6473'	370 cu.ft. (Circ liner)

Surface formation is San Jose.

Top of Ojo Alamo sand is at 2625'.

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

an air system will be used to drill from intermediate total depth to total depth.

It is anticipated that an IES and GR-Density logs will be run at Intermediate total depth

and an GR-INDuction and GR-Density logs will be run at Total Depth.

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

It is expected that this well will be drilled before September 1, 1985.

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

(This space for Federal or State official use)

Dist. Operations Engineer

DATE

2-28-85

PERMIT NO.

MAY 29 1985

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.]

DIST. 3

APPROVED  
AS AMENDED

DATE

MAY 24 1985

(SGD.) MAT MILLENBACH  
M. MILLENBACH  
AREA MANAGER

NMOCC

## OIL CONSERVATION DIVISION

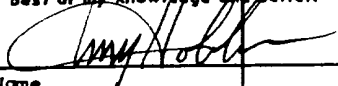
STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-107  
Revised 10-1

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

Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>JICARILLA 447</b>			Well No. <b>1</b>
Unit Letter <b>N</b>	Section <b>19</b>	Township <b>27N</b>	Range <b>3W</b>	County <b>Rio Arriba</b>		
Actual Footage Location of Well: <b>940</b> feet from the <b>South</b> line and <b>1150</b> feet from the <b>West</b> line						
Ground Level Elev: <b>7211</b>	Producing Formation <b>Choza Mesa/Blanco</b>		Pool <b>Pictured Cliffs/Mesaverde</b>		Dedicated Acreage: <b>160/301.76</b> Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation _____</p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>						

<b>RECEIVED</b> <b>JAN 27 1985</b> <b>FARMINGTON DISTRICT</b>	
<b>RECEIVED</b> <b>MAY 29 1985</b> <b>OIL CON. DIV.</b> <b>DIST. 3</b> <b>Sec.</b>	<b>RECEIVED</b> <b>MAR 01 1985</b> <b>BUREAU OF LAND MANAGEMENT</b> <b>FARMINGTON RESOURCE AREA</b>
<b>19</b> <b>JICARILLA CONTRACT 447</b>	<b>1150'</b> <b>940'</b>

Scale: 1"=1000'

<b>CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. 	
Name	<b>C. Terry Hobbs</b>
Position	<b>District Operations Engineer</b>
Company	<b>Southland Royalty Company</b>
Date	<b>2-28-85</b>
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	<b>January 28, 1985</b>
Re-issued	
<b>REGISTERED LAND SURVEYOR</b> <b>Fred B. Kerr, Jr.</b> <b>3950</b>	

