

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 87401

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

At surface  
790' FSL & 1110' FWL

At proposed prod. zone

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

30 Miles East of Blanco, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

790'

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

100'

## 16. NO. OF ACRES IN LEASE

600

## 19. PROPOSED DEPTH

6100'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160/4320

## 20. ROPEWAY OR CABLE TOOLS

Rotary

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

-6773'GL

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.30#, H-40	300'	188 cu. ft. (circ to surface)
8-3/4"	7"	20#, K-55	3900'	313 cu. ft. (Cover Ojo Alamo)
6-1/4"	4-1/2"	10.50#, K-55	3750'-6100'	400 cu. ft. (Circ line)

Surface formation is San Jose.

Top of Ojo Alamo sand is at 2879'.

Top of Pictured Cliffs sand is at 3614'.

Fresh water mud will be used to drill to Intermediate Casing Depth and an air system will be used from Intermediate to Total Depth.

It is anticipated that an IES and GR-Density will be run at Intermediate Total Depth, and GR-Induction and GR-Density be run 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 August 31, 1982.

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

*R. E. Fielder*

TITLE District Engineer

DATE July 15, 1982

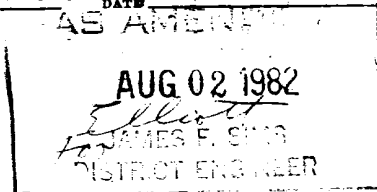
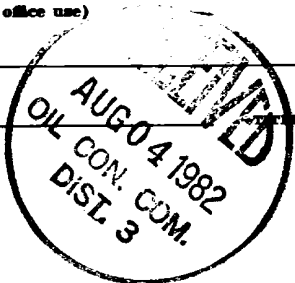
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:



NMOC.

## OIL CONSERVATION DIVISION

P. O. BOX 2088

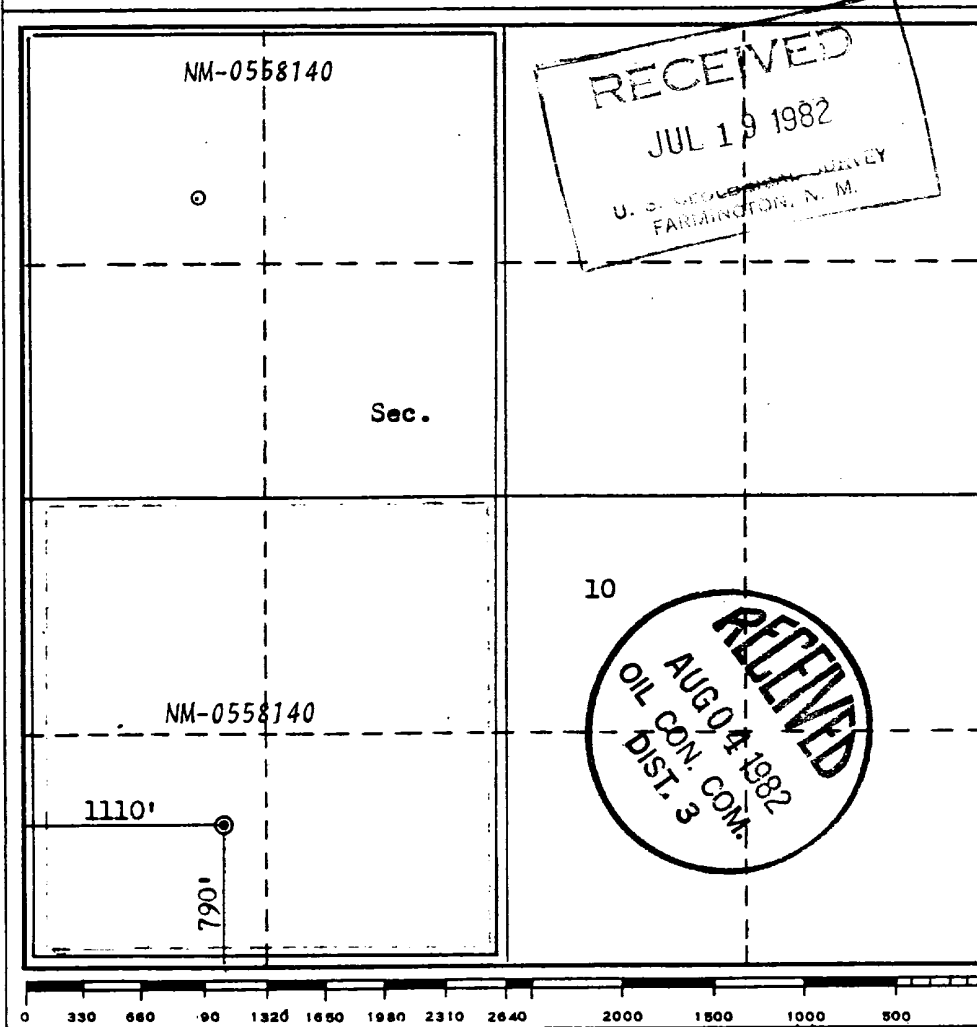
STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

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

Operator <b>SOUTHLAND ROYALTY COMPANY</b>		Lease <b>LA JARA</b>		Well No. <b>1R</b>
Unit Letter <b>M</b>	Section <b>10</b>	Township <b>29N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well: <b>790</b> feet from the <b>South</b> line and <b>1110</b> feet from the <b>West</b> line				
Ground Level Elev. <b>6773</b>	Producing Formation <b>Pictured Cliffs/Mesaverde</b>	Pool <b>Ext Gobernador/Blanco</b>	Dedicated Acreage: <b>160/320</b> Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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>				



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<b>R. E. Fielder</b>
Position	<b>District Engineer</b>
Company	<b>Southland Royalty Company</b>
Date	<b>July 15, 1982</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>June 24, 1982</b>
Registered Professional Engineer and/or Land Surveyor	<b>Fred B. Kerr, Jr.</b>
Certificate No.	<b>3950</b>

