

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-22870

## 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

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

At surface

910' FSL &amp; 1840' FEL

At proposed prod. zone

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

## 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

5341'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

all partial 336.4

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6218' GR

## 22. APPROX. DATE WORK WILL START\*

## 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"	36#	200'	130 cu. ft.
8-3/4"	7"	20#	2967'	342 cu. ft.
6-1/4"	4-1/2"	10.50#	2817'-5341'	438 cu. ft.
	2-3/8"	4.7#	5250'	

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1452'.

Top of Pictured Cliffs sand is at 2667'.

Fresh mud will be used to drill to intermediate casing point.

An air system will be used to drill to total depth.

It is anticipated that a Gamma Ray Density and a Gamma Ray Induction  
be run at total depth.

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

It is expected this well be drilled before April 1, 1978. 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 Production Mgr. DATE 1-16-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

RECEIVED

CONDITIONS OF APPROVAL, IF ANY:

JAN 17 1978

\*See Instructions On Reverse Side

U.S. Geological Survey,  
Farmington, N.M.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-100  
Supersedes O-128  
Effective 1-1-65

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

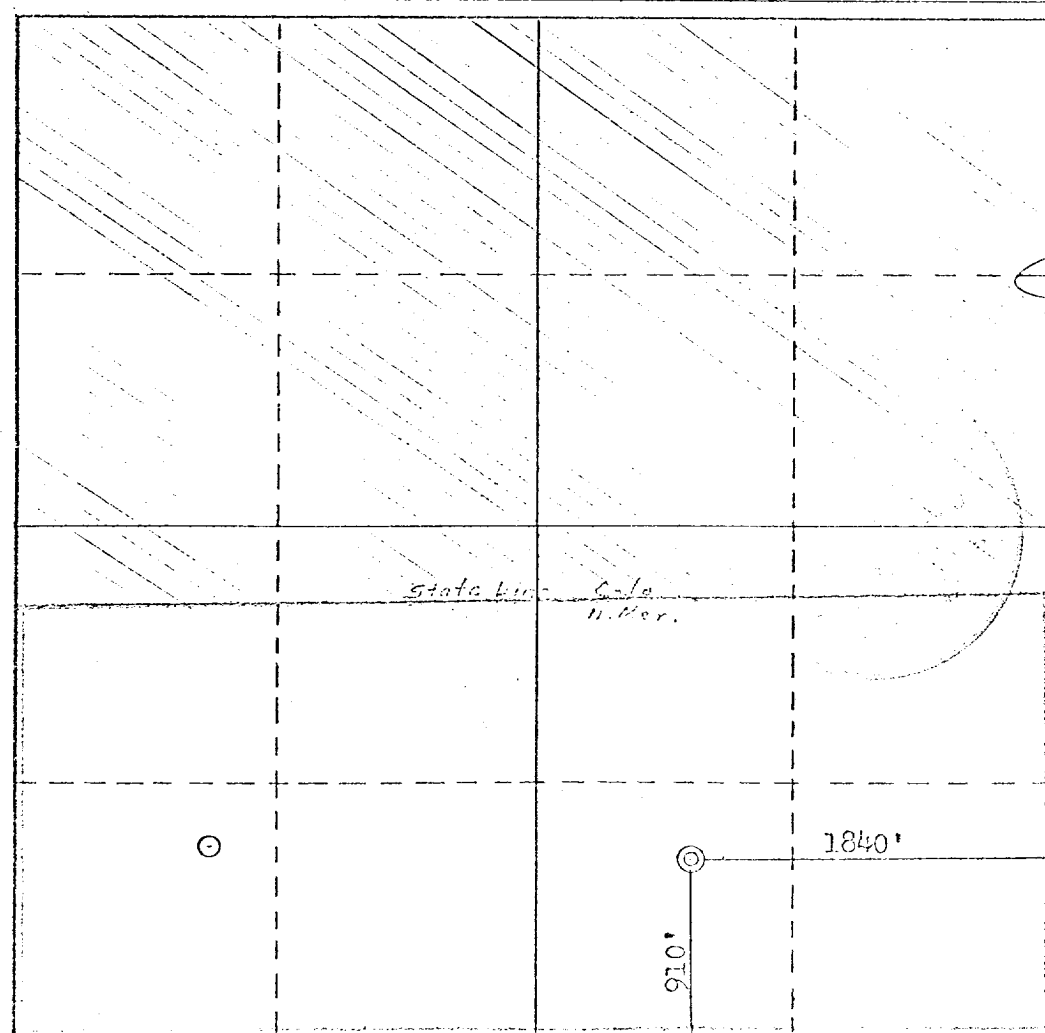
Operator <b>Southland Royalty Company</b>			Lease <b>Hubbard</b>		Well No. <b>2A</b>
Unit Letter <b>0</b>	Section <b>11</b>	Township <b>32N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Postage Location of Well: <b>910</b> feet from the <b>South</b> line and <b>1840</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6218</b>	Producing Formation <b>Mesa Verde</b>		Pool <b>Blanco</b>	Dedicated Acres <b>336.4</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

Position  
**Dist. Production Manager**  
Company  
**Southland Royalty Company**  
Date  
**January 5, 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  
**October 23, 1977**  
Registered Professional Engineer and/or Land Surveyor  
**Fred B. Kew Jr.**  
Certificate No.  
**3950**



**Southland Royalty Company**

United States Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

Attention: Mr. P. T. McGrath

Dear Sir:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein be performed by Southland Royalty Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date: January 16, 1978

Name: Curtis C. Parsons

Title: District Engineer