

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 (M) 450' FSL & 360' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE OF LAND MANAGEMENT  
10 Miles West of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any) 360'

18. NO. OF ACRES IN LEASE 2560  
19. PROPOSED DEPTH 7425'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7100' GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	New 8-5/8"	24#, K-55	200
7-7/8"	New 4-1/2"	10.5#, K-55	0-7000'
7-7/8"	New 4-1/2"	11.6#, K-55	7000'-7425'

This action is subject to administrative  
appeal pursuant to 43 CFR 3165.3.

165 cuft - Circ to surface  
Stage 1: 516 cuft (Cover Gallup)  
Stage 2: 326 cu.ft. (Cover Cliff House)  
Stage 3: 281 cu.ft. (Cover Ojo Alamo)

Surface formation is San Jose.

Top of Ojo Alamo sand is at 2480'.

Top of Pictured Cliffs sand is at 2935'.

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

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

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

It is expected that this well will be drilled before July 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 location of present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface geology and anticipated and true vertical depths. Give blowout preventer program, if any.

SIGNED [Signature] TITLE Dist. Operations Engineer

(This space for Federal or State office use)

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4.

APPROVAL DATE

MAY 24 1985  
(SGD.) MAT MILLENBACH  
M. MILLENBACH  
AREA MANAGER

\*See Instructions On Reverse Side

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

Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>MEDIO CANYON</b>		Well No. <b>10</b>
Unit Letter <b>M</b>	Section <b>35</b>	Township <b>24N</b>	Range <b>4W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>450</b> feet from the <b>South</b> line and <b>360</b> feet from the <b>West</b> line					
Ground Level Elev: <b>7100' GL</b>	Producing Formation <b>Gallup-Dakota</b>		Pool <b>West Lindrith</b>	Dedicated Acreage: <b>160</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.

<p>Sec.</p> <p>360'</p> <p>450'</p>		<p><b>RECEIVED</b></p> <p>APR 23 1985</p> <p>BUREAU OF LAND MANAGEMENT</p> <p>SARINGTON RESOURCE AREA</p>	
		<p><b>RECEIVED</b></p> <p>MAY 29 1985</p> <p>OIL CON. DIV.</p> <p>DIST. 3</p>	
<p>JICARILLA 416</p>		<p>35</p>	

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**

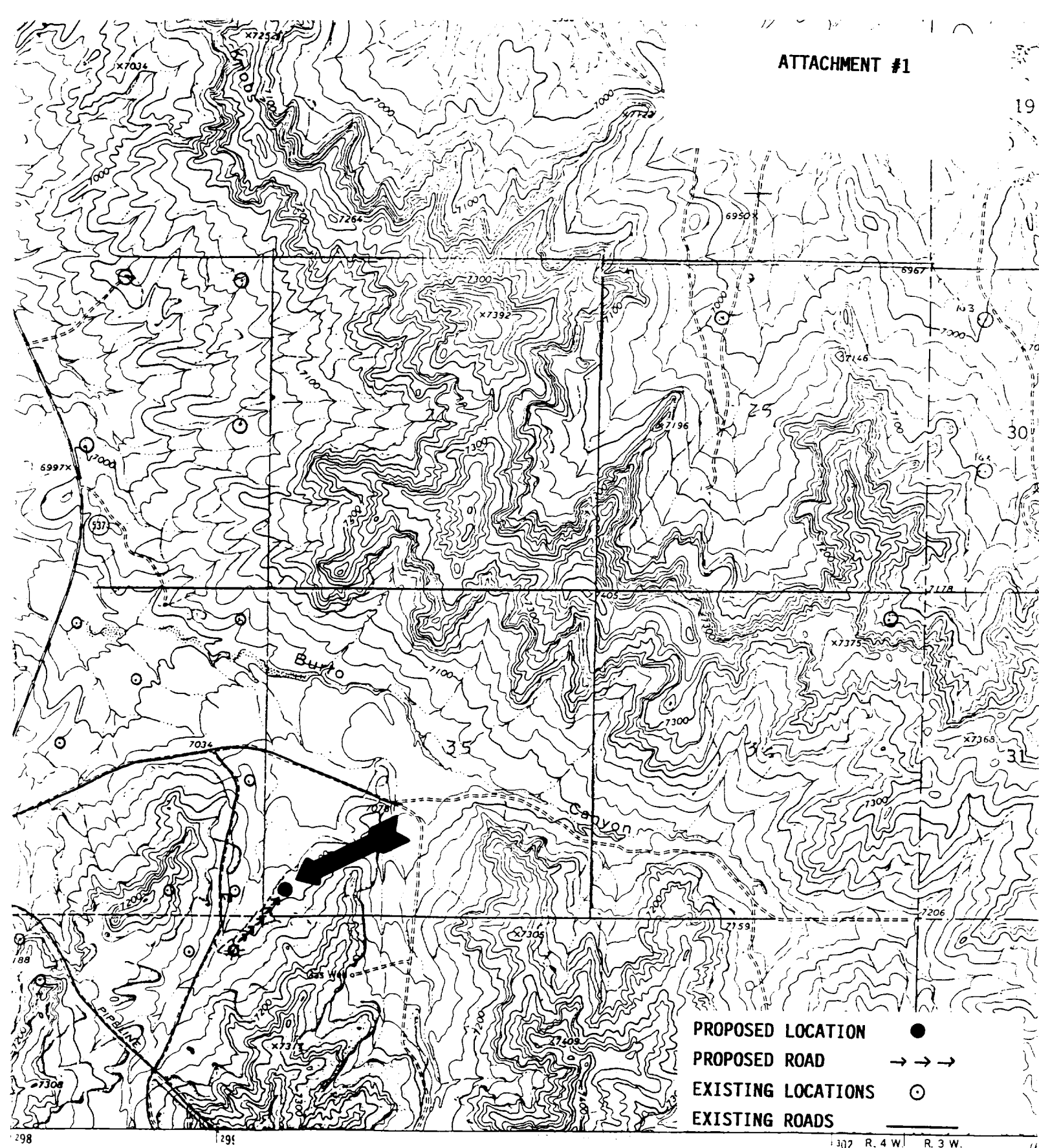
Date  
**April 22, 1985**

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  
**November 19, 1984**

Registered Professional Engineer and Land Surveyor  
**Fred B. Kerr Jr.**

Certificate No.  
**3950**



red, edited, and published by

by USGS and USC&GS

ography by photogrammetric methods from  
graphs taken 1958 and 1962 Field checked 1963

nic projection 1927 North American datum

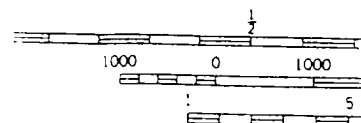
0) foot grid based on New Mexico coordinate system, central zone  
meter Universal Transverse Mercator grid ticks,

(3) shown in blue

ed dashed lines indicate selected fence lines.

Vicinity Map for  
SOUTHLAND ROYALTY CO. #10 MEDIO CANYON  
450' FSL 360' FWL Sec. 35-T24N-R4W  
RIO ARriba COUNTY, NEW MEXICO

1302 R. 4 W. R. 3 W.



1" = 18' / 23 MILS  
13 1/2" = 240 MILS

UTM GRID AND 1963 MAGNETIC NORTH