

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, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface (K) 1980' FSL & 1980' FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
11 Miles West of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
1980'
18. NO. OF ACRES IN LEASE
2560
19. PROPOSED DEPTH
7425'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7057' GL
DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

23. GENERAL REQUIREMENTS
PROPOSED PREVENTER PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	New 8-5/8"	24#, K-55	200'	165 cu.ft. (Circulate to surface)
7-7/8"	New 4-1/2"	10.5#, K-55	7000'	Stge 1: 407 cu.ft.
7-7/8"	New 4-1/2"	11.6#, K-55	7000'-7425'	(Cover Gallup)
				Stge 2: 237 cu.ft.
				(Cover Cliff House)
				Stge 3: 184 cu.ft.
				(Cover Ojo Alamo)

Surface formation is San Jose.
Top of Ojo Alamo sand is at 2660'.
Top of Pictured Cliffs sand is at 3073'.
Fresh water mud will be used to drill from surface to total depth.
It is anticipated that and IES will be run from total depth to surface casing shoe, and
GR-CDL/CNL will be run from total depth to 2500'.
No abnormal pressures or poisonous gases are anticipated in this well.
It is expected that this well will be drilled before September 30, 1985.
This depends on time required for approval, 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 [Signature] TITLE Dist. Oper. Engineer DATE June 6, 1985
(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.

DATE APPROVED
AS AMENDED
DATE AUG 23 1985

NMOCC

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

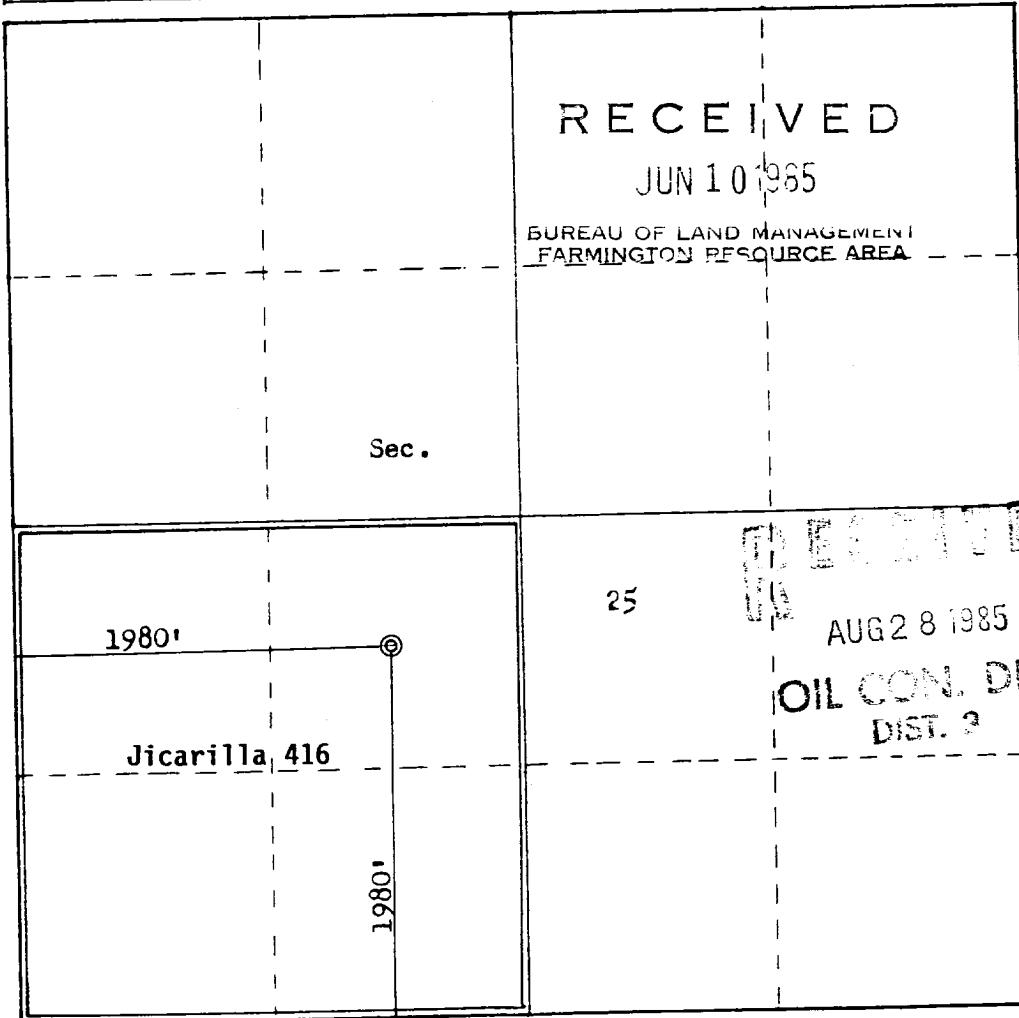
Operator SOUTHLAND ROYALTY COMPANY			Lease MEDIO CANYON		Well No. 4
Unit Letter K	Section 25	Township 24N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 7057' GL	Producing Formation Gallup-Dakota		Pool West Lindrith		Dedicated Acreage: 160 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 _____

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.

Name
C. Terry Hobbs
 Position
District Operations Engineer
 Company
Southland Royalty Company
 Date
June 6, 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.

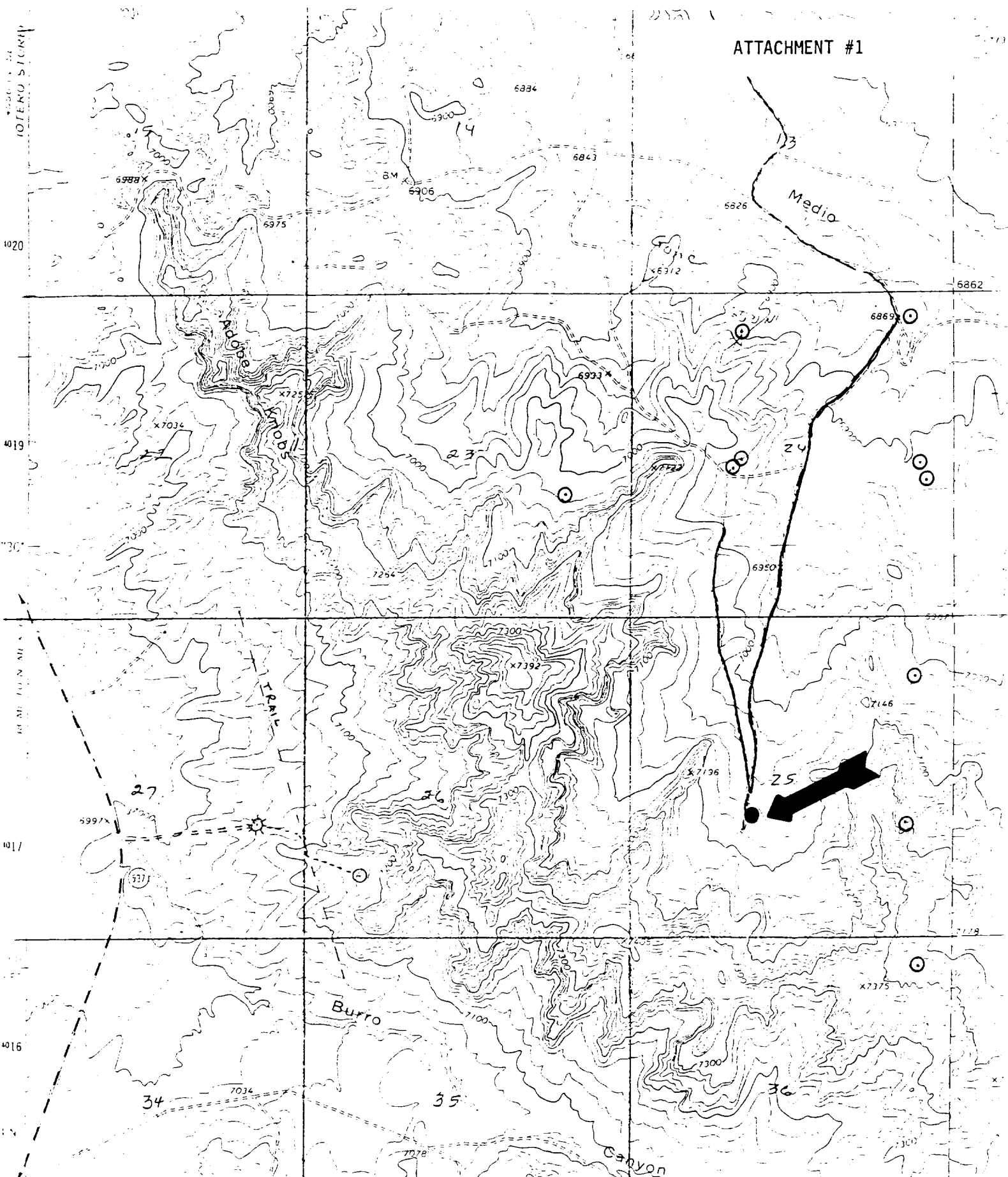
Surveyed: **6-14-78**
 Date Surveyed
Re-issued May 30, 1985

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.

Certificate No. **3950**

ATTACHMENT #1



Vicinity Map for
SOUTHLAND ROYALTY COMPANY #4 MEDIO CANYON
1980'FSL 1980'FWL Sec. 25-T2LN-RLW
RIO ARriba COUNTY, NEW MEXICO

PROPOSED LOCATION ●
EXISTING LOCATIONS ○
PROPOSED ROAD - - -
EXISTING ROADS ———