

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
1190' FSL & 840' FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
4 1/2 Miles North of Flora Vista, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)
840'

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
200'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5737' GL

23. DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
GENERAL REQUIREMENTS IMPLEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	New 9-5/8"	36#, K-55	200'	125 cu.ft. (Circulate to surface)
8-3/4"	New 7"	20#, K-55	2500'	457 cu.ft. (Cover Ojo Alamo)
6-1/4"	New 4-1/2"	10.5#, K-55	4800'	384 cu.ft. (Circulate liner)

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 420'.

Top of Pictured Cliffs sand is at 2105'.

Fresh water mud will be used to drill from surface to intermediate total depth, and an air system will be used from intermediate to total depth.

It is anticipated that a GR-CNL/FDC and IEL logs will be run from intermediate total depth to surface, and a GR-Density and GR-Induction logs will 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 1, 1984.

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 [Signature] TITLE Dist. Operations Engineer DATE May 25, 1984

(This space for Federal or State official use)

PERMIT NO. [blank] APPROVAL DATE [blank]

APPROVED BY [Signature] TITLE [blank]

CONDITIONS OF APPROVAL JUL 03 1984

OIL CON. DIV.
DIST. 3

NMOCC

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

5. LEASE DESIGNATION AND SERIAL NO.
NM-02707
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Bolack Federal
9. WELL NO.
1
10. FIELD AND POOL, OR WILDCAT
Blanco Mesaverde
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 1, T30N, R12W
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico

22. APPROX. DATE WORK WILL START*
July 1, 1984
This action is subject to administrative appeal pursuant to 30 CFR 290.

APPROVED

AS AMENDED

JUL 02 1984

AREA MANAGER
FARMINGTON RESOURCE AREA

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

Operator SOUTHLAND ROYALTY COMPANY			Lease BOLACK FEDERAL		Well No. 1
Unit Letter M	Section 1	Township 30N	Range 12W	County San Juan	
Actual Footage Location of Well: 1190 feet from the South line and 840 feet from the West line					
Ground Level Elev: 5737' GL	Producing Formation Mesaverde	Pool Blanco	Dedicated Acreage: 320 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 Communitization

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.

Scale: 1"=1000'

CERTIFICATION

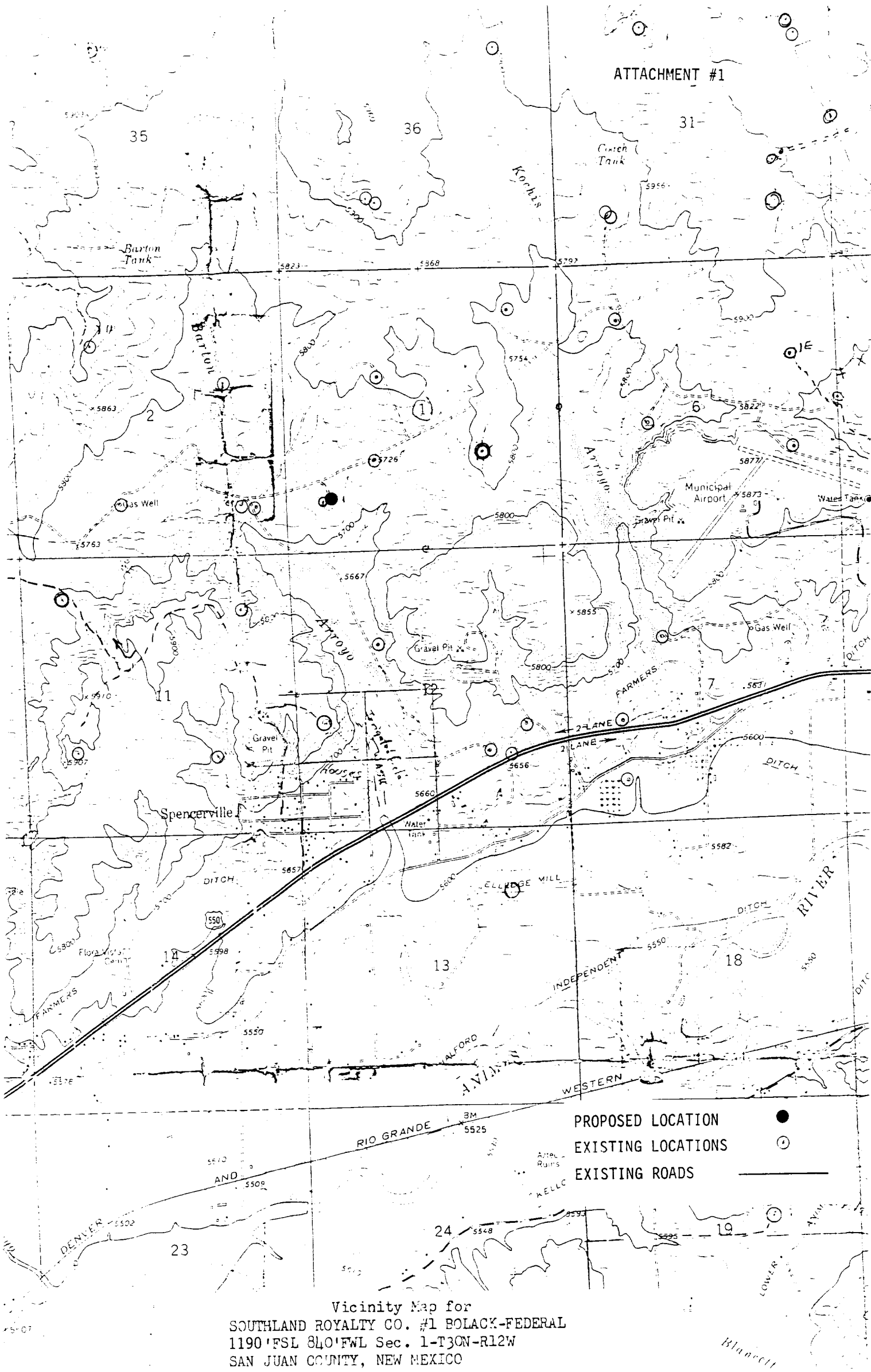
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
C. Terry Hobbs
Position
District Operations Engineer
Company
Southland Royalty Company
Date
May 25, 1984

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
May 1, 1984
Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Certificate No. **3950**



Vicinity Map for
SOUTHLAND ROYALTY CO. #1 BOLACK-FEDERAL
1190'FSL 840'FWL Sec. 1-T3CN-R12W
SAN JUAN COUNTY, NEW MEXICO