

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

13. TYPE OF WORK DRILL <input checked="" type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
b. TYPE OF WELL OIL WELL <input type="checkbox"/>		GAS WELL <input checked="" type="checkbox"/>		SINGLE ZONE <input checked="" type="checkbox"/>		MULTIPLE ZONE <input type="checkbox"/>	
2. NAME OF OPERATOR Southland Royalty Company						8. FARM OR LEASE NAME McClanahan	
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico 87499						9. WELL NO. 25	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 93C' FNL & 1530' FEL						10. FIELD AND POOL, OR WILDCAT Otero Chacra	
At proposed prod. zone						11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23, T28N, R10W	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 6 miles South of Blanco, New Mexico						12. COUNTY OR PARISH San Juan	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 980'						13. STATE New Mexico	
16. NO. OF ACRES IN LEASE 2040.00						17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 300'						19. PROPOSED DEPTH 3020'	
20. ROTARY OR CABLE TOOLS Rotary						21. APPROX. DATE WORK WILL START* February 15, 1984	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 5727' GL						23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "PROPOSED CASING AND CEMENTING PROGRAM"	
SIZE OF HOLE		SIZE OF CASING		WEIGHT PER FOOT		SETTING DEPTH	
12-1 1/4"		New 8-5/8"		24#, K-55		200'	
7-7/8"		*				2800'	
6-1 1/4"		New 2-7/8"		6.5#, J-55		2800'-3020'	
165 cu.ft. (Circ to surface)						969 cu.ft. (Cover Ojo Alamo)	

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 720'.

Top of Pictured Cliffs sand is at 1800'.

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

It is anticipated that an IES log will be run from total depth to surface casing, and an GR-CDL will be run to 1400'.

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

It is expected that this well will be drilled before March 31, 1984.

This depends on time required for approvals, rig availability and the weather. Gas is dedicated.

RECEIVED

JAN 26 1984

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.

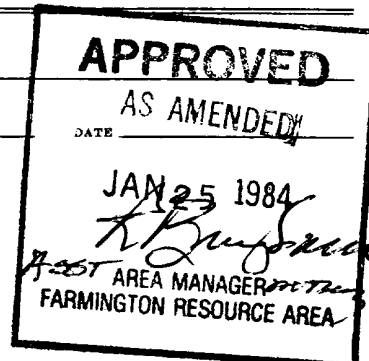
SIGNED R. E. Finkler TITLE District Engineer DATE January 10, 1984

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY: _____

TITLE



NMOCC

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2048
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

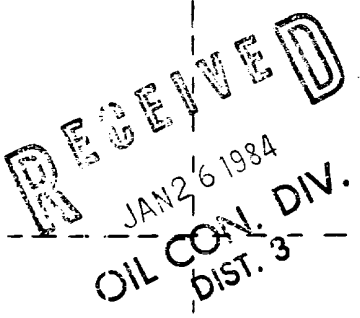
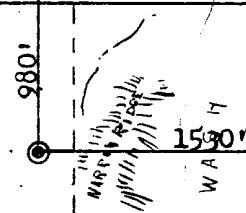
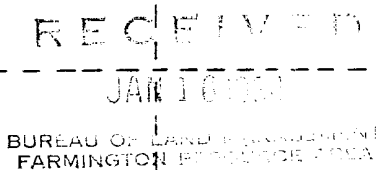
Operator SOUTHLAND ROYALTY COMPANY			Lease McCLANAHAN		Well No. 25
Unit Letter B	Section 23	Township 28N	Range 10W	County San Juan	
Actual Footage Location of Well: 980 feet from the North line and 1530 feet from the East line					
Ground Level Elev: 5727' GL	Producing Formation Chacra	Pool Otero	Dedicated Acreage: 160 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>23</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.

R.E. Fielder

Name

R.E. Fielder

Position

District Engineer

Company

Southland Royalty Company

Date

January 10, 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.

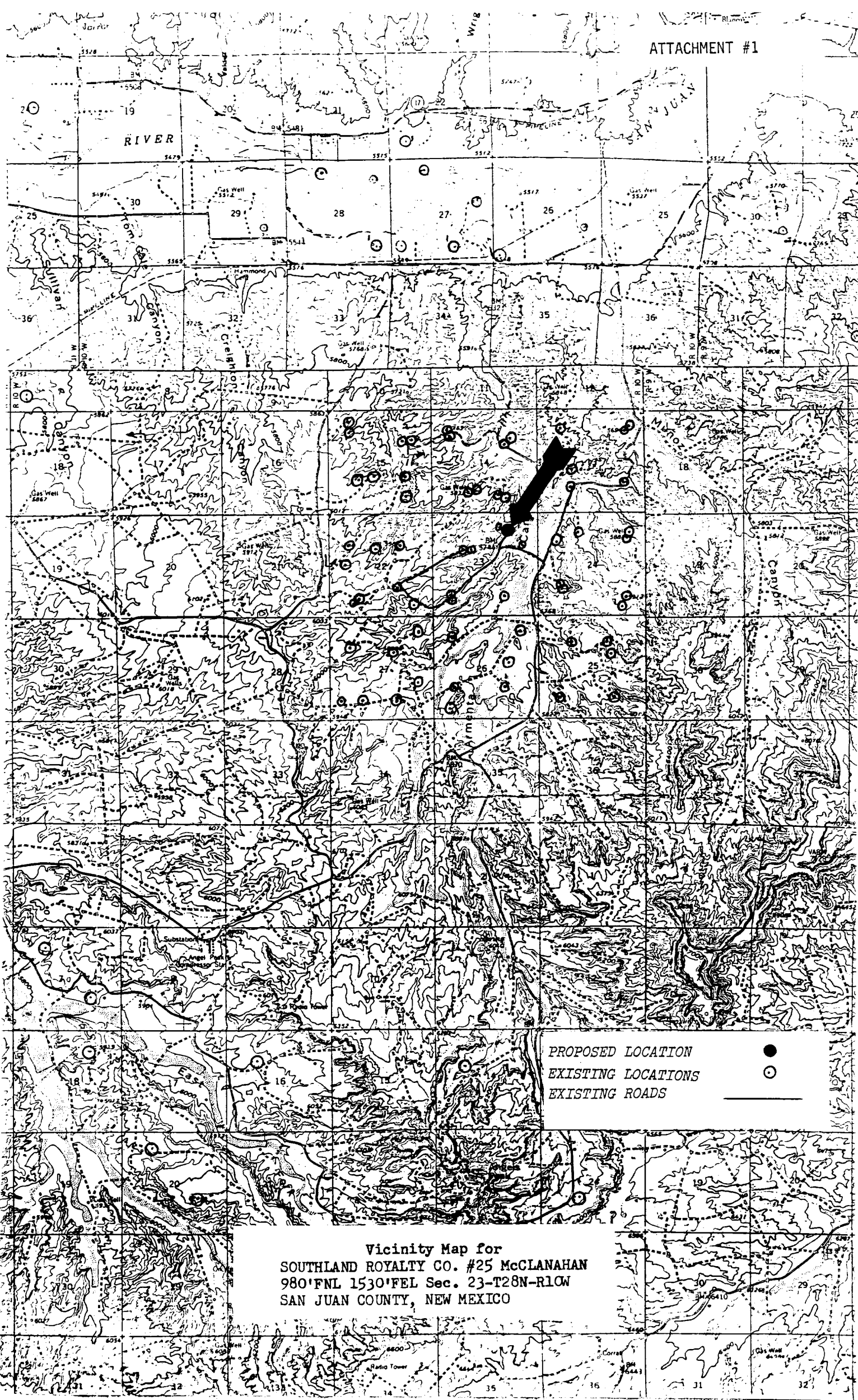
Date Surveyed

December 12, 1983

Registered Professional Engineer
and Land Surveyor.

Fred B. Kerry Jr.
Fred B. Kerry Jr.

Certificate No. *3950*
3950



Vicinity Map for
SOUTHLAND ROYALTY CO. #25 McCLANAHAN
980'FNL 1530'FEL Sec. 23-T28N-R10W
SAN JUAN COUNTY, NEW MEXICO