

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25342

5. LEASE DESIGNATION AND SERIAL NO.

SF-079634

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McClanahan

9. WELL NO.

21

10. FIELD AND POOL, OR WILDCAT

Bloomfield Chacra

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Section 13, T28N, R10W

12. COUNTY OR PARISH

San Juan

13. STATE
New Mexico

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 87499-0570

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

At surface

980' FNL & 1610' FEL

At proposed prod. zone

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

6 Miles South of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

980'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

700'

16. NO. OF ACRES IN LEASE

2040.00

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

19. PROPOSED DEPTH

3160'

20. ROTARY OR CABLE TOOLS

Rotary

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

5727' GL

22. APPROX. DATE WORK WILL START*

April 1, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	171 cu.ft. (Circ to surface)
7-7/8" to 2800'			2000'	
6-3/4"	2-7/8"	6.5#	2006'-3160'	977 cu.ft. (Cover Ojo Alamo.)

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 839'.

Top of Pictured Cliffs sand is at 1974'.

Fresh water mud will be used to drill from surface to Total Depth.

It is anticipated that an IEL will be run from Total Depth to Surface casing and
GR-Density be run from Total Depth to 1500'.

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

It is expected that this well will be drilled before May 1, 1982.

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

R. E. Fielder

TITLE

District Engineer

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

NMOCC

DATE March 1, 1982

APPROVED
AS AMENDED

MAR 29 1982

JAMES F. SIMS
DISTRICT ENGINEERThis action is subject to administrative
appeal pursuant to 30 CFR 290.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

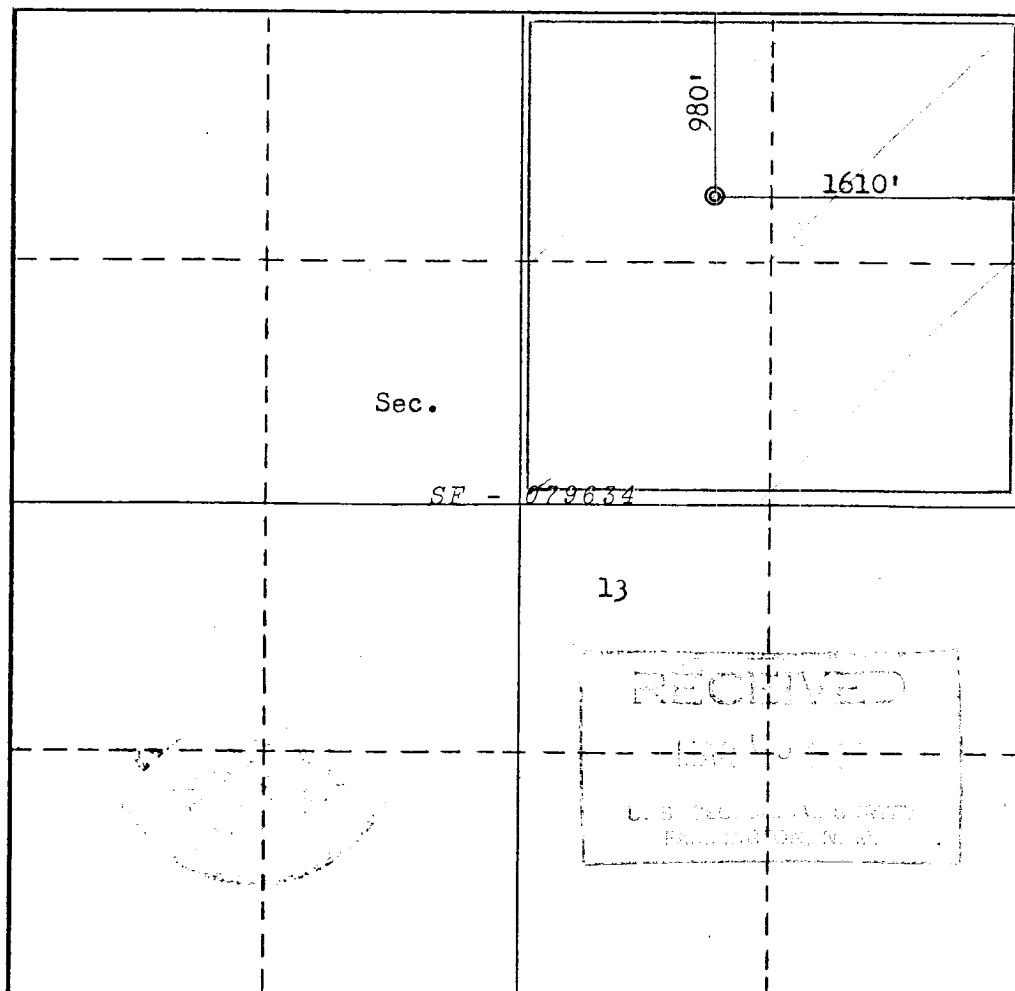
Operator SOUTHLAND ROYALTY COMPANY		Lease McCLANAHAN		Well No. 21
Unit Letter B	Section 13	Township 28N	Range 10W	County San Juan
Actual Footage Location of Well: 980 feet from the North line and 1610 feet from the East line				
Ground Level Elev. 5727	Producing Formation Chacra	Pool Bloomfield Linder	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.



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

March 1, 1982

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

January

Registered Professional Engineer and/or Land Surveyor

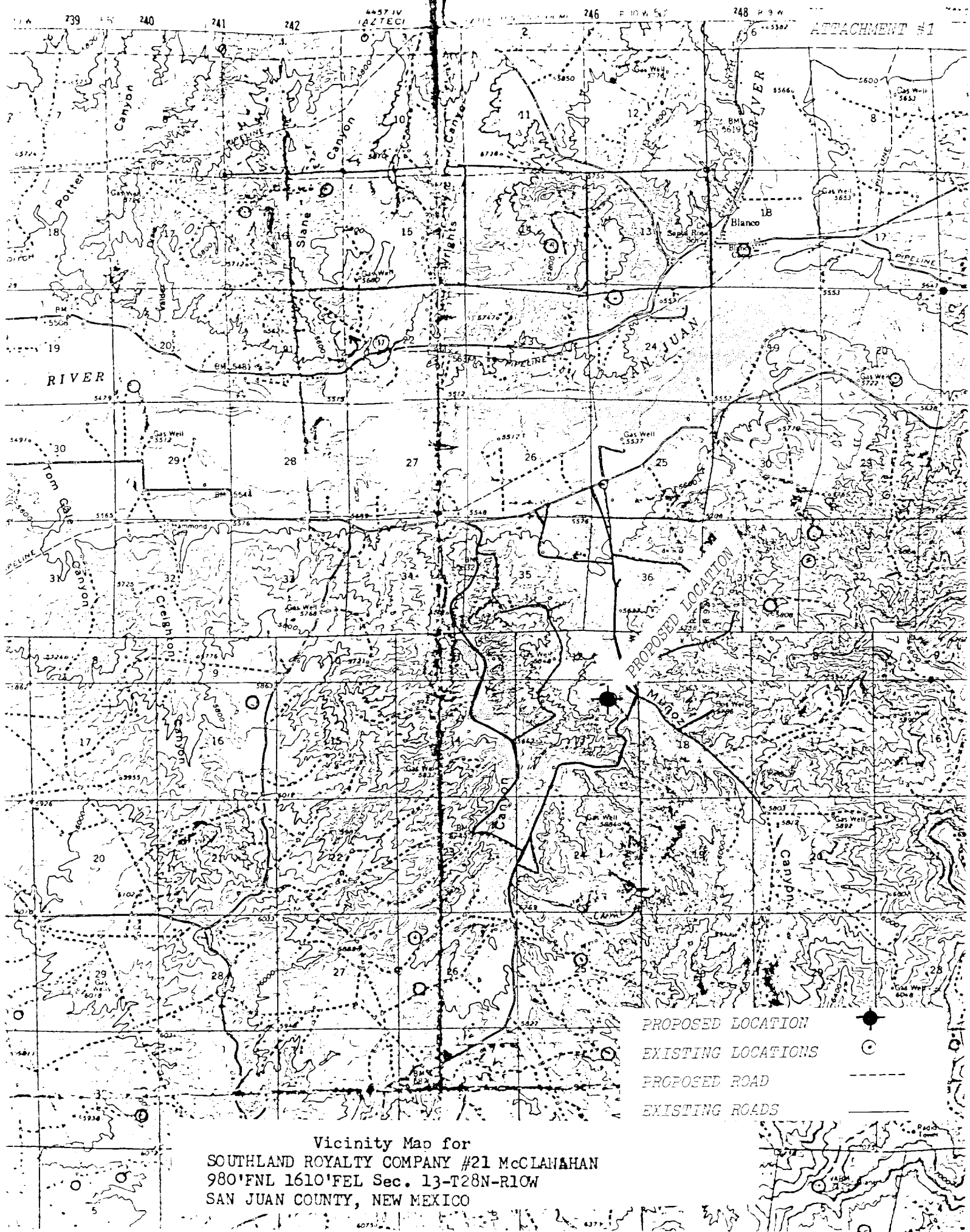
Fred B. Kerr Jr.

Certificate No.

3950

F. B. KERR, JR.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



Vicinity Map for
SOUTHLAND ROYALTY COMPANY #21 McCLANAHAN
980'FNL 1610'FEL Sec. 13-T28N-R10W
SAN JUAN COUNTY, NEW MEXICO

PROPOSED LOCATION
EXISTING LOCATIONS
PROPOSED ROAD
EXISTING ROADS