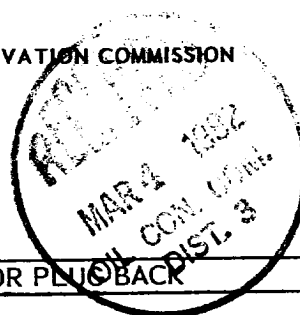


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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Calloway	
2. Name of Operator Southland Royalty Company		9. Well No. 3	
3. Address of Operator P. O. Drawer 570, Farmington, New Mexico 87499-0570		10. Field and Pool, or Wildcat Basin Dakota Blanco Pictured Cliffs	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1490</u> FEET FROM THE <u>North</u> LINE AND <u>980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>22</u> TWP. <u>31N</u> RGE. <u>11W</u> NMPM		12. County San Juan	
19. Proposed Depth 7170'		19A. Formation Dakota Pictured Cliffs	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 5865' GR	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor Four Corners Drilling	
22. Approx. Date Work will start June 1, 1982			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.30#	200'	130 cu.ft.	Circ to surface
8-3/4"	7"	23#	4638'	Stage One: 130 cu.ft.	(Cover Cliff House.)
				Stage Two: 430 cu.ft.	(Cover Ojo Alamo.)
6-1/4"	4-1/2"	10.5# & 11.6#	4488'-7170'	474 cu.ft.	

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 867'.

Top of Pictured Cliffs sand is at 2493'.

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

It is anticipated that an IES and GR-Density will be run at Intermediate total depth to surface casing and an GR-Density and GR-Induction 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 June 30, 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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed P. E. Fiddle Title District Engineer Date March 3, 1982

(This space for State Use)

APPROVED BY 3rd J. Chy TITLE SUPERVISOR DISTRICT #3 DATE MAR 4 1982

CONDITIONS OF APPROVAL, IF ANY:

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.

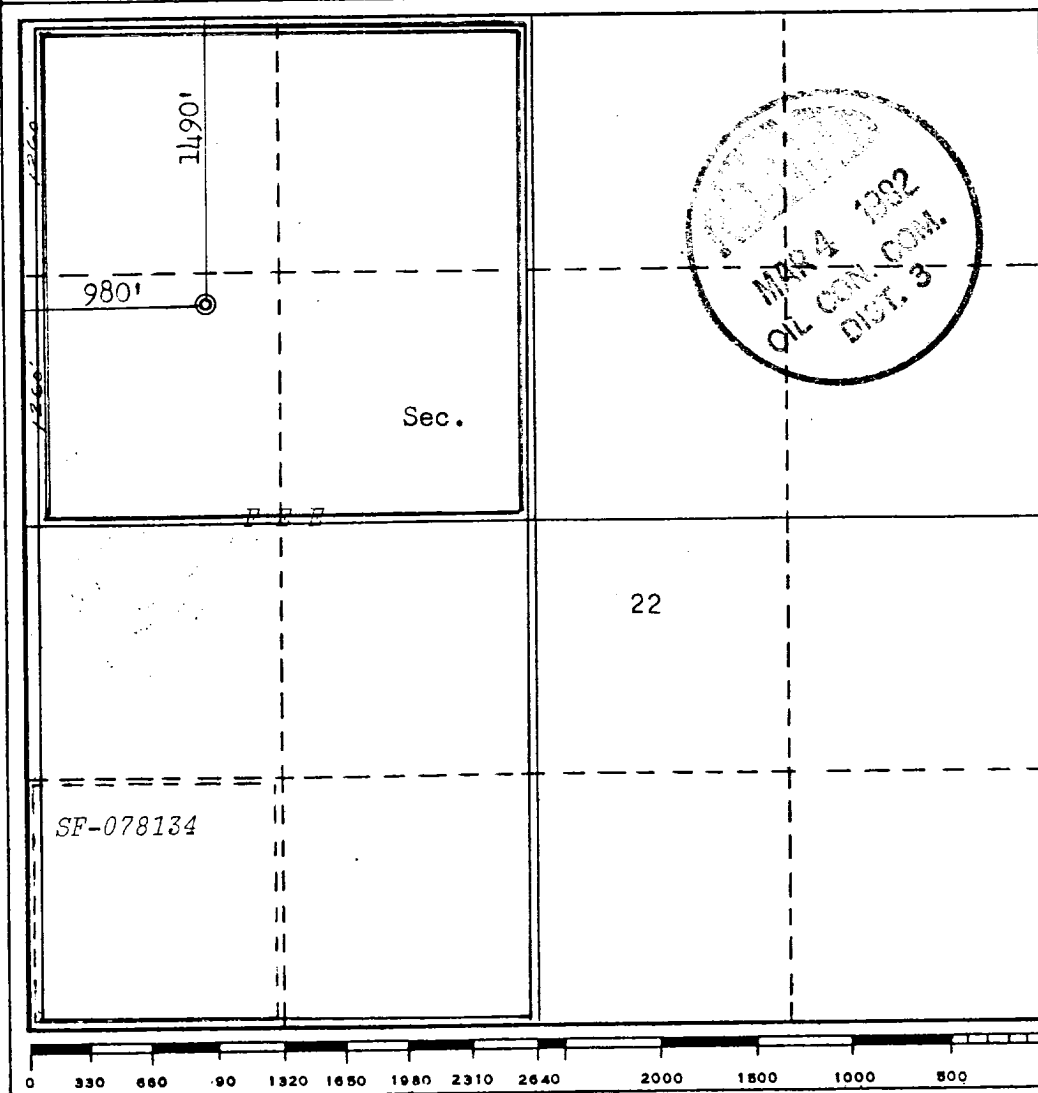
Operator SOUTHLAND ROYALTY COMPANY			Lease CALLOWAY		Well No. 3
Unit Letter E	Section 22	Township 31N	Range 11W	County San Juan	
Actual Footage Location of Well: 1490 feet from the North line and 980 feet from the West line					
Ground Level Elev. 5865	Producing Formation Dakota/Pictured Cliffs		Pool Basin/Blanco		Dedicated Acreage: W 320/160 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 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.



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 3, 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 14, 1982

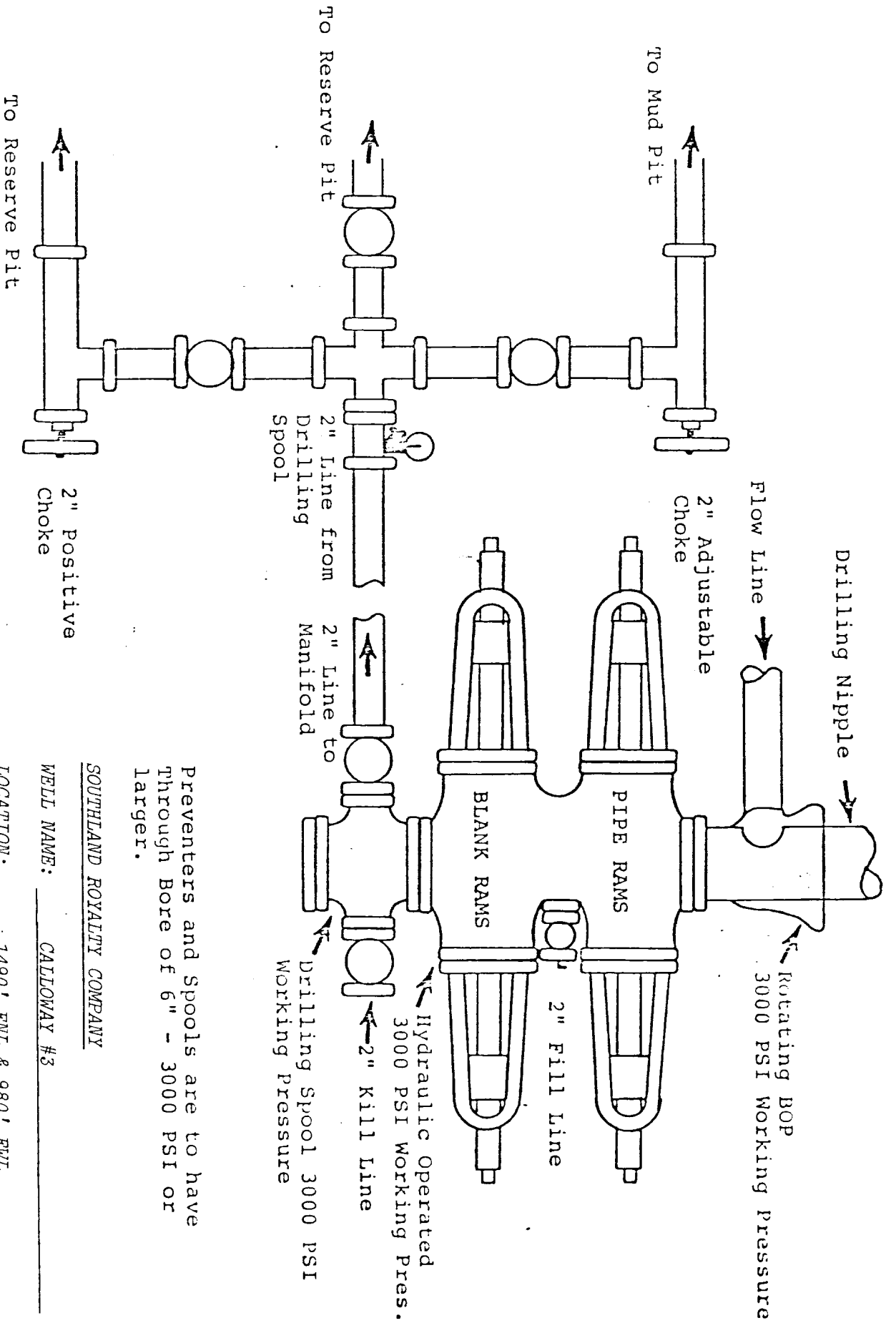
Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

B. KERR, JR.



Preventers and Spools are to have
Through Bore of 6" - 3000 PSI or
larger.

SOUTHLAND ROYALTY COMPANY

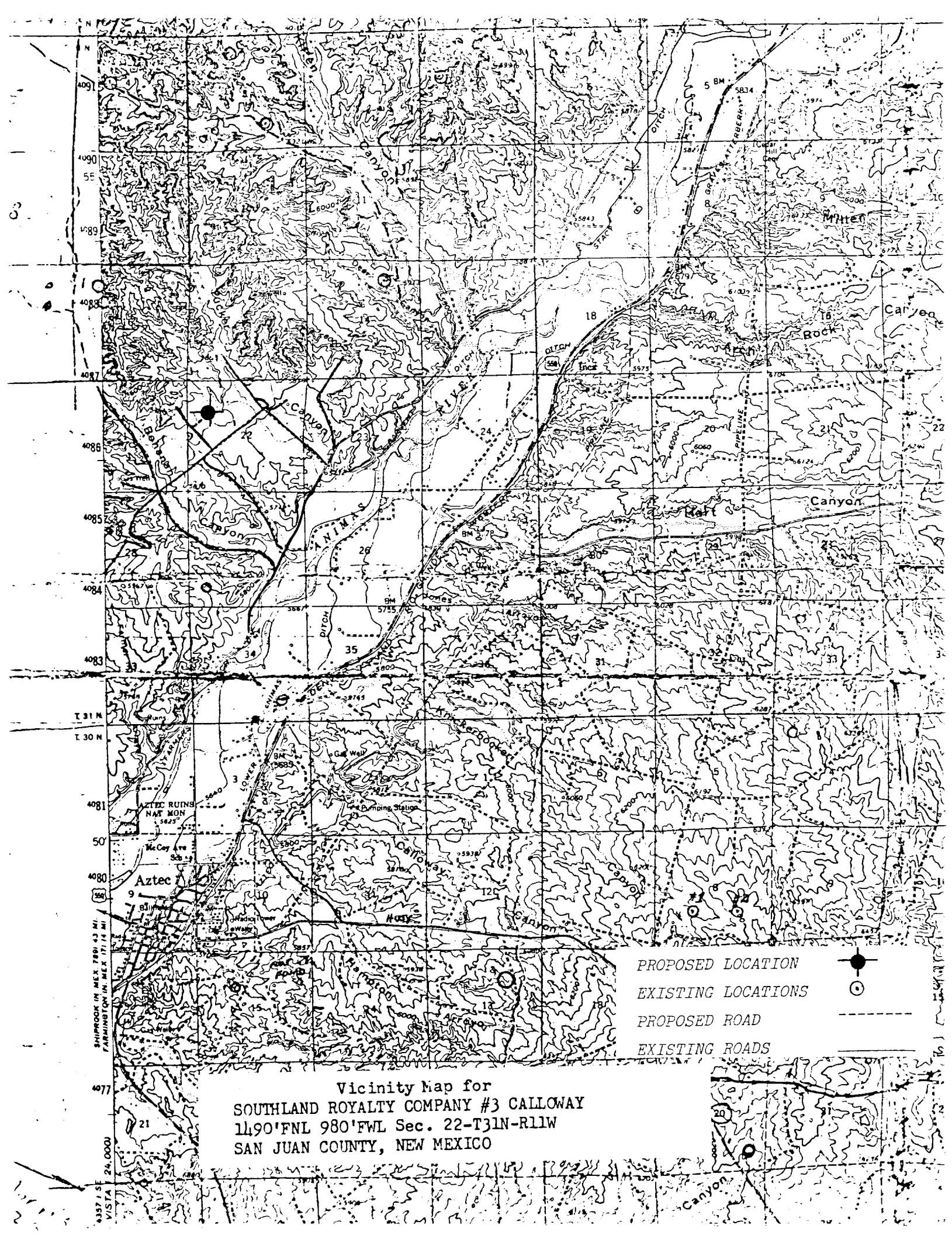
WELL NAME: CALLOWAY #3

LOCATION: 1490' FNL & 980' FWL

Section 22, T31N, R11W

COUNTY: San Juan

STATE: New Mexico



Vicinity Map for
SOUTHLAND ROYALTY COMPANY #3 CALLOWAY
1190'FNL 980'FWL Sec. 22-T31N-R11W
SAN JUAN COUNTY, NEW MEXICO

PROPOSED LOCATION
EXISTING LOCATIONS
PROPOSED ROAD
EXISTING ROADS