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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-4-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
K-5737	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Rattlesnake Canyon	
2. Name of Operator Southland Royalty Company		9. Well No. 102	
3. Address of Operator PO Box 4289, Farmington, NM 87499		10. Field and Pool, or Wildcat Undes. Fruitland Coal	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>1185</u> FEET FROM THE <u>South</u> LINE AND <u>1185</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>32N</u> RGE. <u>8W</u> NMPM		12. County San Juan	
19. Proposed Depth 3434'		19A. Formation Fruitland	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6547' GL	21A. Kind & Status Plug. Bond statewide	21B. Drilling Contractor	22. Approx. Date Work will start

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"	36.0#	200'	130 cu.ft.	circ. surface
8 3/4"	7"	20.0#	3240'	1020 cu.ft.	circ. surface
6 1/4"	5 1/2"	23.0#	3434'	do not cement	

The Fruitland Coal formation will be completed.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The SE/4 of Section 32 is dedicated to this well.

APPROVAL EXPIRES 7-1-88
UNLESS DRILLING IS COMMENCED.
SPUD DATE MUST BE SUBMITTED
WITHIN 10 DAYS.

RECEIVED
JUN 1 1988
OIL & GAS DIV.

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 [Signature] Title Drilling Clerk Date 5-25-88

(This space for State Use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. # DATE JUN 01 1988
CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-100
Supersedes C-120
Effective 1-1-60

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

Operator
Southland Royalty Company

Lease

RATTLESNAKE CANYON (K-5737)

Well No.

102

Unit Letter
PSection
32Township
32 NORTHRange
8 WESTCounty
SAN JUAN

Actual Footage Location of Well

1185

feet from the

SOUTH

line and

1185

feet from the

EAST

line

Ground Level Elev.
6547Producing Formation
Fruitland CoalPool
UndesignatedDedicated Acreage
160

Acres

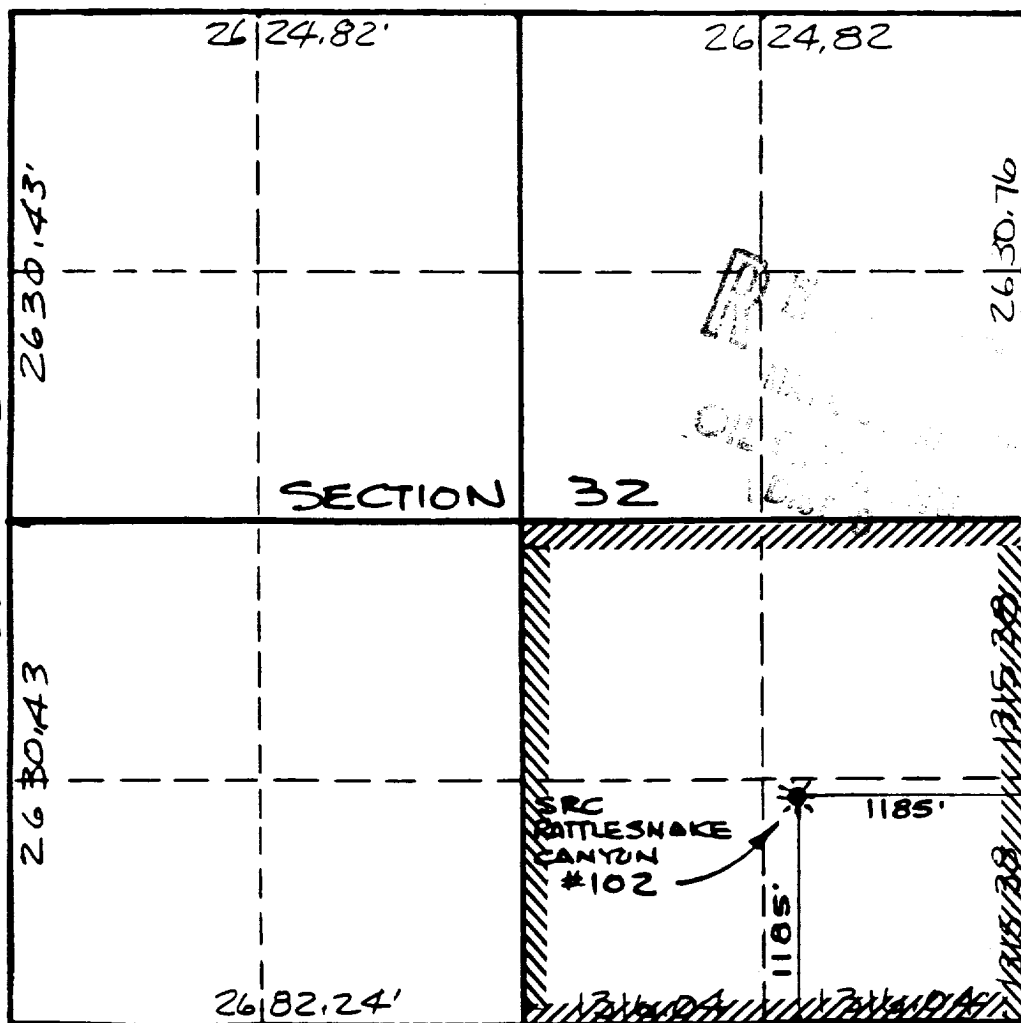
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

N 88° 40' W 5249.64



CERTIFICATION

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

Name

Drilling Clerk

Position

Southland Royalty Co

Company

5-25-88

Date

I hereby certify that the location shown on this plat was plotted from field notes of actual survey 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 2, 1988

Registered Professional Engineer
and/or Land Surveyor

NEALE C. EDWARDS

Certificate No.

6857