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# NEW MEXICO OIL CONSERVATION COMMISSION

30-095-23368  
Form C-101  
Revised 1-1-65

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

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Southland Royalty Company		8. Farm or Lease Name Rattlesnake Canyon
3. Address of Operator P. O. Drawer 570, Farmington, New Mexico		9. Well No. 1A
4. Location of Well UNIT LETTER P LOCATED 1045 FEET FROM THE South LINE AND 1175 FEET FROM THE East LINE OF SEC. 32 TWP. 32N RGE. 8W NMPM		10. Field and Pool, or Wildcat Blanco Mesaverde Pump Mesa Fruitland EXT
		12. County San Juan
		19. Proposed Depth 6055'
		19A. Formation Mesaverde
		20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6547' GR	21A. Kind & Status Plug. Bond	21B. Drilling Contractor
		22. Approx. Date Work will start February 15, 1979

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#	200'	125 cu. ft.	Circ. to surface
8-3/4"	7"	20#	3685'	372 cu. ft.	Cover Ojo Alamo
6-1/4"	4-1/2"	10.50#	3535'-6055'	455 cu. ft.	Liner Top
	1-1/2"	2.90#	3485'		
	2-3/8"	4.7#	6055'		

Surface formation is San Jose.

Top of Ojo Alamo sand is at 2035'.

Top of Pictured Cliffs sand is at 3435'.

Fresh water mud will be used to drill from surface to intermediate TD.

An air system will be used to drill from intermediate depth to total depth.

It is anticipated that a GR-Density and a GR-Induction log will be run at total depth.

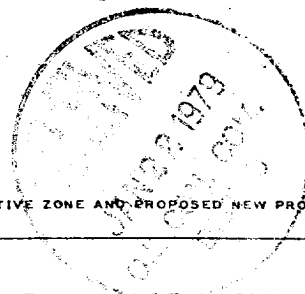
No abnormal pressures or poisonous gases are anticipated in this well.

It is expected that this well will be drilled before July 15, 1979. This depends on time required for approvals, rig availability and the weather.

Gas is dedicated.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED.

EXPIRES 4-22-79



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 District Production Manager Date January 17, 1979

(This space for State Use)

APPROVED BY AR Kendrick TITLE SUPERVISOR DIST. #3 DATE JAN 22 1979  
CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

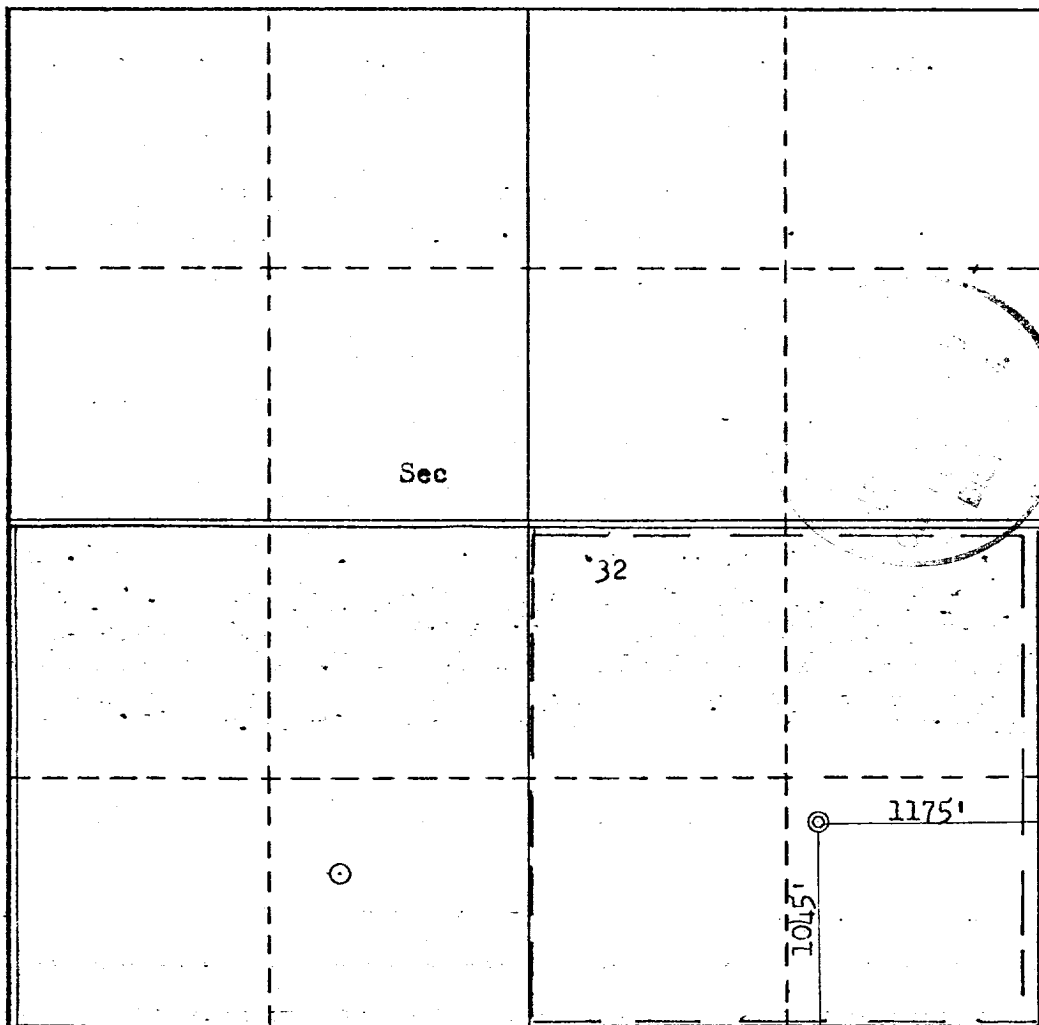
Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>RATTLESNAKE CANYON</b>		Well No. <b>1A</b>
Unit Letter <b>P</b>	Section <b>32</b>	Township <b>32N</b>	Range <b>8W</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <b>1045</b> feet from the <b>South</b> line and <b>1175</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6547</b>	Producing Formation <b>Mesa Verde-Fruitland</b>	Pool <b>MV Blanco Pump Mesa</b>	Dedicated Acreage: <b>320</b> 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.*

Name \_\_\_\_\_  
 Position  
**District Production Manager**  
 Company  
**Southland Royalty Company**  
 Date  
**January 17, 1979**

*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 12, 1979**  
 Registered Professional Engineer and/or Land Surveyor  
**Fred B. Kerr Jr.**  
 Certificate No.  
**3950**



**Southland Royalty Company**

January 17, 1979

Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Attention: Mr. Al Kendrick

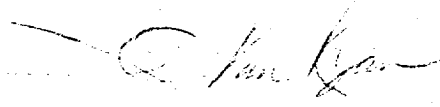
Dear Sir:

All drilling and completion rigs will be equipped with 6" or larger double gate hydraulic blowout preventers and a hydraulic operated closing unit with steel lines.

The preventer is 3000# working pressure and 6000# test.

All crews will be thoroughly trained in the operation of this preventer. The preventer will be tested frequently enough to insure safe operation.

Yours truly,

  
L. O. Van Ryan  
District Production Manager

LOVR/dg