

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
1090' FSL & 1560' FEL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
14 miles southeast of Ignacio, Colorado

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6732' GR

22. APPROX. DATE WORK WILL START\*  
July 1, 1979

5. LEASE DESIGNATION AND SERIAL NO.  
30-045-23412  
NM-2995

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Burnt Mesa

9. WELL NO.  
#2A

10. FIELD AND POOL, OR WILDCAT  
Blanco Mesaverde

11. SEC., T., R., M., OR BLK. Pict. Cliff  
AND SURVEY OR AREA  
So. Los Pinos Fruitland-  
Ext.

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	130 cu. ft.
8-3/4"	7"	20#	3874'	297 cu. ft.
6-1/4"	4-1/2"	10.5#	3724'-6337'	454 cu. ft.
	2-3/8"	4.7#	6250'	

Surface formation is San Jose.

Top of Ojo Alamo sand is at 2561'.

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

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

It is anticipated that a GR-Density and an IES log will be run at intermediate 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 September 1, 1979. 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 [Signature] TITLE District Production Manager DATE March 9, 1979

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Ok Frank

State

U. S. GEOLOGICAL SURVEY  
WASHINGTON, D. C.

\*See Instructions On Reverse Side

**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.

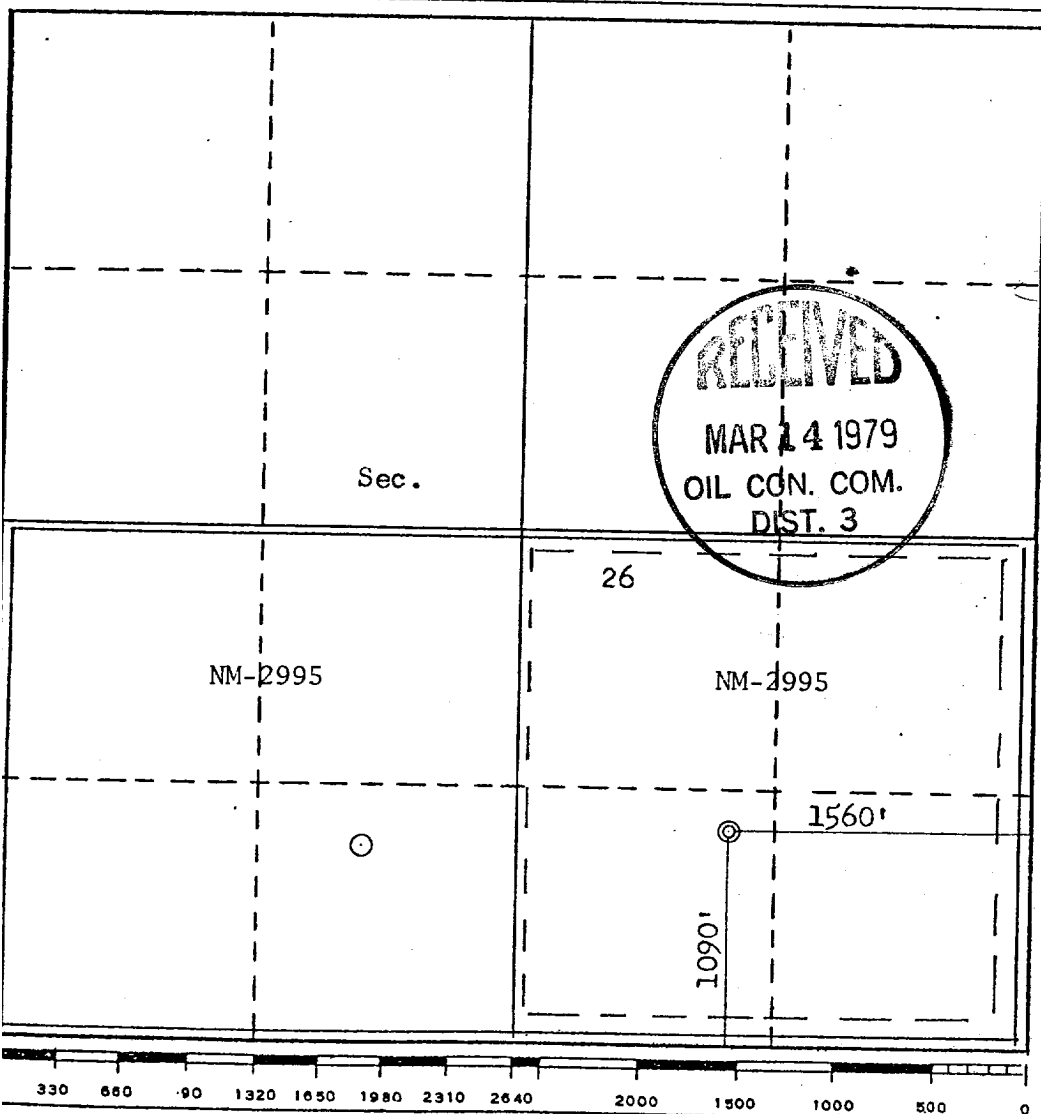
Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>BURNT MESA</b>		Well No. <b>2A</b>
Unit Letter <b>0</b>	Section <b>26</b>	Township <b>32N</b>	Range <b>7W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
<b>1090</b> feet from the <b>South</b> line and <b>1560</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6732</b>	Producing Formation <b>Fruitland Mesa Verde-Pictured Cliffs Ext.</b>		Pool <b>Blanco-South Los Pinos</b>	Dedicated Acreage: <b>320</b> <del>1160</del> 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?

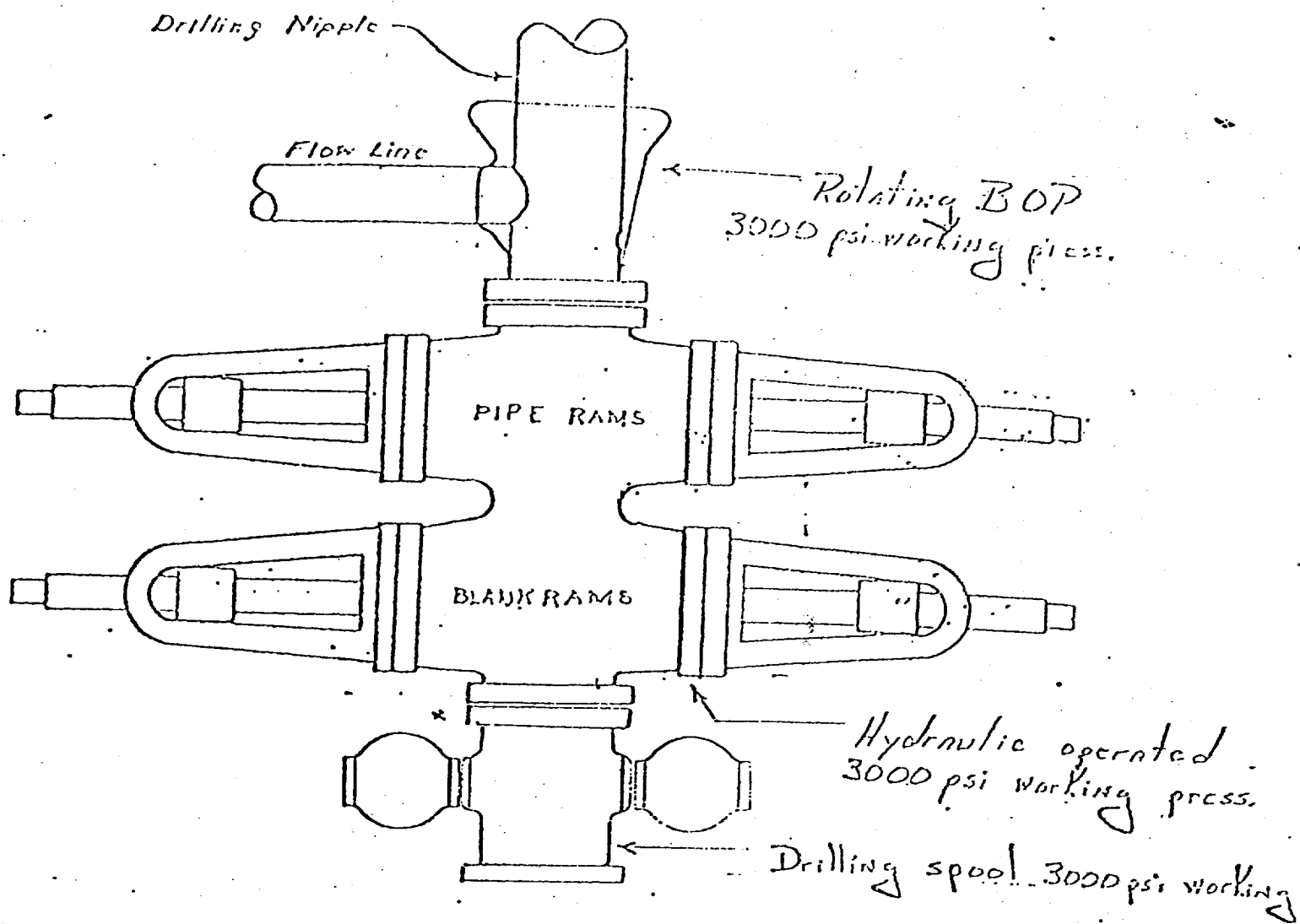
☐ Yes   ☐ No   If answer is "yes," type of consolidation \_\_\_\_\_

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.



<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<i>[Signature]</i>
Position	District Production Manager
Company	Southland Royalty Company
Date	March 9, 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	February 5, 1979
Registered Professional Engineer and/or Land Surveyor	<i>[Signature]</i> Fred B. Kerr, Jr.
Certificate No.	3950



Preventers and spools are to have  
through bore of 6" - 3000# PST or larger.