

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other
- 
2. NAME OF OPERATOR  
Southland Royalty Company
- 
3. ADDRESS OF OPERATOR  
P.O. Drawer 570, Farmington, NM 87499
- 
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1110' FNL & 930' FWL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:
- 
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

- |                      |                          |
|----------------------|--------------------------|
| TEST WATER SHUT-OFF  | <input type="checkbox"/> |
| FRACTURE TREAT       | <input type="checkbox"/> |
| SHOOT OR ACIDIZE     | <input type="checkbox"/> |
| REPAIR WELL          | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> |
| MULTIPLE COMPLETE    | <input type="checkbox"/> |
| CHANGE ZONES         | <input type="checkbox"/> |
| ABANDON*             | <input type="checkbox"/> |
| (other)              | <input type="checkbox"/> |
- SEE BELOW

RECEIVED

OCT 14 1963

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

- |  |                         |
|--|-------------------------|
| 5. LEASE<br>SF-077282  |                         |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                       |                         |
| 7. UNIT AGREEMENT NAME   |                         |
| 8. FARM OR LEASE NAME<br>Grenier "A"                                       |                         |
| 9. WELL NO.<br>3M  |                         |
| 10. FIELD OR WILDCAT NAME<br>Basin Dakota/Blanco Mesaverde                 |                         |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Section 34, T30N, R10W |                         |
| 12. COUNTY OR PARISH<br>San Juan   | 13. STATE<br>New Mexico |
| 14. API NO.  |                         |
| 15. ELEVATIONS (SHOW DF, KDB, AND WD)<br>6049' GL                          |                         |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SOUTHLAND ROYALTY COMPANY hereby intends to complete this well as a Basin Dakota/Blanco Mesaverde dual well. Therefore, the name will change from Grenier "A" #3E to Grenier "A" #3M. The casing and cement program will change as follows:

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4"	40.50#, H-40	200'	165 cu.ft. (Circ surface)

9-7/8"	*	15.00#,K-55	200'	105 cu.ft. (Circ surface)
6-3/4"	5-1/2"	15.50#,K-55	6800'	Stge 1: 126 cu.ft.
6-3/4"	5-1/2"	17.00#,K-55	6800'-7200'	(Cover Gallup)
				Stge 2: 666 cu.ft.
				(Cover Cliff House)
				Stge 3: 806 cu.ft.
				(Cover Ojo Alamo)

If severe lost circulation problems are encountered in the Point Lookout, this program will be adjusted for 7-5/8" intermediate with 5-1/2" bit.

\* If severe lost circulation problems are encountered in the Point Lookout, this program will be adjusted for 7-5/8" intermediate with a 5-1/2" liner.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

- 18. I hereby certify that the foregoing is true and correct**

SIGNED Esther Greaves TITLE Secretary DATE October 11, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

RECEIVED APPROVED  
AS AMENDED

\*See Instructions on Reverse Side NOV 9 - 1983

NOV 08 1983

NMCC

OIL CON. DIV

**DIST. 3**

M. MILLENBACH

AREA MANAGER

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-045-25833  
5. LEASE DESIGNATION AND SERIAL NO.  
SF-077282

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Grenier "A"

9. WELL NO.

3E-311

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Section 34, T30N, 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 87401

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

At surface

1110' FNL &amp; 930' FWL

At proposed prod. zone

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

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

Approximately 4-1/2 miles northeast of Bloomfield, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

930'

16. NO. OF ACRES IN LEASE

793.62

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320 N 318.34

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

900'

19. PROPOSED DEPTH

7200'

20. ROTARY OR CABLE TOOLS

Rotary

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

6049' GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START\*

October 10, 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative  
appeal pursuant to 30 CFR 290.  
QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	9-5/8"	32.30#, H-40	200
8-3/4"	*		5300'
7-7/8"	4-1/2"	10.5# & 11.6# K-55	7200'

125 cu.ft. (Circulate to surface)

Stge 1: 325 cu.ft. (Cvr Gallup)  
Stge 2: 555 cu.ft. (Cvr Cliff House)  
Stge 3: 673 cu.ft. (Cvr Ojo Alamo)

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1390'.

Top of Pictured Cliffs sand is at 2547'.

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

It is anticipated that an IEL log will be run from total depth to surface casing and  
an GR-Density log will be run from total depth to 2000'.

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

It is expected that this well will be drilled before November 15, 1983.

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

TITLE

District Engineer

DATE

August 29, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

RECEIVED

APPROVED

AS AMENDED

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOV 9 - 1983

OIL CON. DIV.  
DIST. 3

NOV 9 1983

R. Bingham  
M. MILLENBACH

AREA MANAGER

(Rising)

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

Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>GRENIER "A"</b>		Well No. <b>3M</b>
Unit Letter <b>D</b>	Section <b>34</b>	Township <b>30N</b>	Range <b>10W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1110</b> feet from the <b>North</b> line and <b>930</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6049' GL</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin</b>		Dedicated Acreage: <b>320 318.34</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.

Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>R. E. Fielder</i>	
Name	R. E. Fielder
Position	District Engineer
Company	Southland Royalty Company
Date	August 29, 1983
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	Re-issued
August 24, 1983	
Registered Professional Engineer and Land Surveyor	
<i>Fred B. Kerr Jr.</i>	
Certificate No.	3950

