

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. SF-078198	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Southland Royalty Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico, 87499				8. FARM OR LEASE NAME Nye	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 790' FSL & 1090' FEL At proposed prod. zone				9. WELL NO. 1814A	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 miles Southeast of Aztec, New Mexico				10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		790'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA P Section 13, T30N, R11W	
16. NO. OF ACRES IN LEASE		1597.47		12. COUNTY OR PARISH	
17. NO. OF ACRES ASSIGNED TO THIS WELL		320 E 313.14		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		1000'		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH		5190'		22. APPROX. DATE WORK WILL START* March 15, 1984	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6140' GL				23. PROPOSED CASING AND CEMENTING PROGRAM This action is subject to administrative appeal pursuant to 20 CFR 290.	
GENERAL REQUIREMENTS					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		
12-1/4"	New 9-5/8"	32.30#, H-40	200'	130 cu.ft. (Circulate to surface)	
8-3/4"	New 7"	20#, K-55	2780'	413 cu.ft. (Cover Ojo Alamo)	
6-1/4"	New 4-1/2"	10.50#, K-55	2630'-5190'	444 cu.ft. (Circulate to liner)	

Surface formation is Nacimiento.

Top of Ojo Alamo sand is at 1220'.

Top of Pictured Cliffs sand is at 2532'.

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

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

It is expected that this well will be drilled before March 31, 1984.

This depends on time required for approvals, rig availability and the weather.
Gas is dedicated.

RECEIVED

MAR 29 1984

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 R. E. Fielder TITLE District Prod. Manager DATE March 2, 1984

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

DIST. 3
APPROVED
AS AMENDED
DATE <u>MAR 7 1984</u>
<u>R. E. Fielder</u> AREA MANAGER FARMINGTON RESOURCE AREA

NMOCC

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS A

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

Operator SOUTHLAND ROYALTY COMPANY			Lease NYE		Well No. 18
Unit Letter P	Section 13	Township 30N	Range 11W	County San Juan	
Actual Footage Location of Well: 790 feet from the South line and 1090 feet from the East line					
Ground Level Elev. 6140' GL	Producing Formation Mesaverde	Pool Blanco	Dedicated Acreage: 320 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.

RECEIVED MAR 29 1984 OIL CON. DIV. DIST. 3		SF-078144		SF-078198
		13		
Sec.		SF-078198		1090' 790'

Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<i>R. E. Fielder</i>
Position	R. E. Fielder
Company	District Production Manager
Date	Southland Royalty Company
Date	March 2, 1984
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	December 9, 1983
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i>
Certificate No.	3950