## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,

REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL

Dec. 1973	Budget Bureau No. 42-R1424	
UNITED STATES  DEPARTMENT OF THE INTERIOR	5. LEASE SF-078146	
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME	
(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 gas s	8. FARM OR LEASE NAME Culpepper Martin	
well well other  2. NAME OF OPERATOR	9. WELL NO. 16-E	
Southland Royalty Company	10. FIELD OR WILDCAT NAME Basin Dakota	
3. ADDRESS OF OPERATOR P.O. Drawer 570, Farmington, New Mexico 87401	11. SEC., T., R., M., OR BLK. AND SURVEY OR	
<ol> <li>LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)</li> </ol>	AREA Section 4, T31N, R12W	
AT SURFACE: 1020' FSL & 1610' FWL AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	12. COUNTY OR PARISH 13. STATE San Juan New Mexico	
16 CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE	14. API NO.	

15. ELEVATIONS (SHOW DF, KDB, AND WD)

s of multiple completion or zone

6039' GL

(NOTE: Report resul

orm 9-330.) change on PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON\* (other) Perforation & Stimulation Production Tubing Report

SUBSEQUENT REPORT OF:

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 substifface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Perforated squeeze hole at 7195' with 35 sacks of Class "B" Neat.

Found hole in casing at 4354'. Squeezed with 100 sacks of Class 9-20-81 "B" Neat. Pressure tested to 3500 psi, after squeeze, tested OK.

Perforated the Dakota at 6972', 6983', 7039', 7052', 7057', 7071', 7077', 7123', 7167', 7184', 7189' and 7194'. Total of 12 holes. 9-22-81 Fracd with 43,760 gallons of 30# gelled 1% KCl water and 23,760# of 20/40 sand. AIR 26 BPM, ATP 3200 psi, ISIP 2250 psi. Ran 233 joints (7119') of 2-3/8", 4.7#, J-55 tubing set at 7129'.

Subsurface Safety Valve: Manu. and Type		Set @ Ft.
18. I hereby certify that the foregoing is	true and correct	
SIGNED File Policie	TITLE District Engineer DA	September 22, 1981
	(This space for Federal or State office use)	
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

See Instructions on Reverse Side