

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 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 945' FNL & 820' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

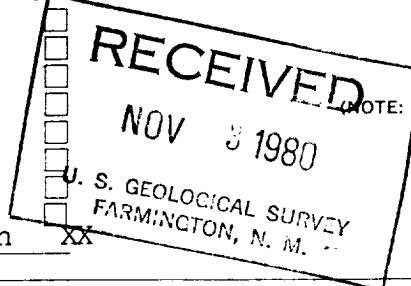
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

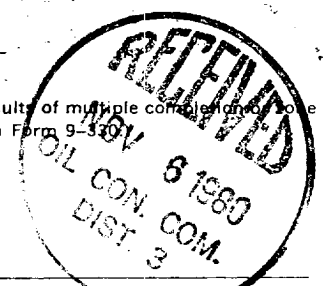
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) Perforation & Stimulation

SUBSEQUENT REPORT OF:



(NOTE: Report results of multiple completions to be change on Form 9-331-C)



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.)*

10-19-80 Spotted 250 gallons of 7 1/2% HCl across perf interval. Perforated Dakota from 7473' - 7540' with 34 holes. Brokedown with 3,000 gallons of DS-30 acid and balls. Fracd Dakota with 102,816 gallons of mini maxi 3 with 3% diesel and 104,888# of 20/40 sand. ATP 3000, AIR 38, ISIP 1600, 15" SIP 800. Set retrievable bridge plug @ 7460'. Perfd Graneros from 7388' - 7406' with 16 holes. Brokedown with 1500 gallons of 15% HCl and balls. Fracd Graneros with 25,494 gallons of mini-maxi III with 3% diesel and 8,956# of 20/40 sand. Well sanded off. Set 4 1/2" bridge plug @ 5045'. Perfd 2 squeeze holes @ 3040'. Set 7" packer @ 2899'. Squeezed with 200 sacks of Class "B". Squeezed to 3500 PSI. Released packer. Ran Cement Bond Log from 3200' - 2500' --showed good bond from 3075' - 2915'. Perforated Pictured Cliffs from 2933'-3008' w/7 holes. Brokedown with 500 gallons of 15% HCl. (Continued on reverse.)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED R. E. Fielder TITLE District Engineer DATE 10-22-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

BW

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1976 O - 214-148

Fract Pictured Cliffs with 37,425 gallons fresh water and 33,000# of 20/40 sand. AIR 15 BPM, ATP 1500 PSI, ISIP 400 PSI, 15 min SIP 200 PSI.