

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 ☐ gas ☒ other ☐  
well well  
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. See space 17 below.)  
AT SURFACE: *800' FNL & 565' FWL*  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

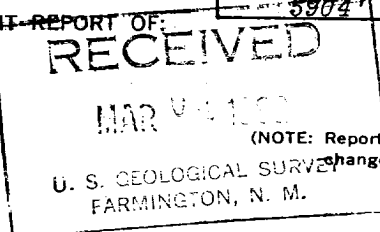
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) *See Below*

SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐



5904' GL

(NOTE: Report results of multiple completion tests on Form 9-330.)



5. LEASE  
*NM-33025*  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
*Hugh Lake*  
9. WELL NO.  
*1*  
10. FIELD OR WILDCAT NAME  
*Basin Dakota*  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
*Section 33, T27N, R12W*  
12. COUNTY OR PARISH  
*San Juan*  
13. STATE  
*New Mexico*  
14. API NO.  
15. ELEVATIONS (SHOW DF, KDB, AND WD)

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.)\*

*Correction for report submitted on February 11, 1982:*

*Date should have been - 1-24-82 Drilled 7-7/8" hole to Total Depth of 6100', instead of 1-25-82.*

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

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

SIGNED *Esther Guey* TITLE *Secretary* DATE *March 2, 1982*

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE *MAR 05 1982*  
CONDITIONS OF APPROVAL, IF ANY:

NMOCC

FARMINGTON DISTRICT

BY *SN*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                                               |                               |                                                                                        |                                                                                                                    |                                                                                    |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|
| 1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____                                                                                                     |                               |                                                                                        |                                                                                                                    | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>NM-33026</b>                             |                                  |
| b. TYPE OF COMPLETION:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <u>Plugged &amp; Abandoned</u> |                               |                                                                                        |                                                                                                                    | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>_____                                      |                                  |
| 2. NAME OF OPERATOR<br><u>Southland Royalty Company</u>                                                                                                                                                                                       |                               |                                                                                        |                                                                                                                    | 7. UNIT AGREEMENT NAME<br>_____                                                    |                                  |
| 3. ADDRESS OF OPERATOR<br><u>P.O. Drawer 570, Farmington, New Mexico 87499-0570</u>                                                                                                                                                           |                               |                                                                                        |                                                                                                                    | 8. FARM OR LEASE NAME<br><u>Hugh Lake</u> <b>MAR 8 1982</b>                        |                                  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface <u>800' FNL &amp; 565' FWL</u><br>At top prod. interval reported below<br>At total depth                                           |                               |                                                                                        |                                                                                                                    | 9. WELL NO.<br><u>1</u> <b>OIL CON. COM. DIST. 5</b>                               |                                  |
| 14. PERMIT NO. _____ DATE ISSUED _____<br><b>U.S. GEOLOGICAL SURVEY</b>                                                                                                                                                                       |                               |                                                                                        |                                                                                                                    | 10. FIELD AND POOL OR WILDCAT<br><u>Basin Dakota</u>                               |                                  |
| 15. DATE SPUDDED <u>1-18-82</u> 16. DATE T.D. REACHED <u>1-24-82</u> 17. DATE COMPL. (Ready to prod.) <u>P&amp;A 1-25-82</u>                                                                                                                  |                               |                                                                                        |                                                                                                                    | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br><u>Section 33, T27N, R12W</u> |                                  |
| 18. ELEVATIONS (OF, REB, RT GR, ETC.)* <u>5916' KB 5904' GL</u>                                                                                                                                                                               |                               |                                                                                        |                                                                                                                    | 12. COUNTY OR PARISH<br><u>San Juan</u>                                            |                                  |
| 19. ELEV. CASINGHEAD <u>5904' GL</u>                                                                                                                                                                                                          |                               |                                                                                        |                                                                                                                    | 13. STATE<br><u>New Mexico</u>                                                     |                                  |
| 20. TOTAL DEPTH, MD & TVD<br><u>6100'</u>                                                                                                                                                                                                     |                               | 21. PLUG, BACK T.D., MD & TVD<br><u>NA</u>                                             |                                                                                                                    | 22. IF MULTIPLE COMPL., HOW MANY* _____                                            |                                  |
| 23. INTERVALS DRILLED BY _____                                                                                                                                                                                                                |                               | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>_____ |                                                                                                                    | 25. WAS DIRECTIONAL SURVEY MADE<br><u>Deviation</u>                                |                                  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><u>GR-Induction, CDL, CNL</u>                                                                                                                                                                         |                               |                                                                                        |                                                                                                                    | 27. WAS WELL CORED<br><u>No</u>                                                    |                                  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                            |                               |                                                                                        |                                                                                                                    |                                                                                    |                                  |
| CASINO SIZE<br><u>8-5/8"</u>                                                                                                                                                                                                                  | WEIGHT, LB./FT.<br><u>24#</u> | DEPTH SET (MD)<br><u>221' KB</u>                                                       | HOLE SIZE<br><u>12-1/4"</u>                                                                                        | CEMENTING RECORD<br><u>150 sacks cement Class "B"</u>                              | AMOUNT PULLED<br><u>Cmt Circ</u> |
| 29. LINER RECORD                                                                                                                                                                                                                              |                               |                                                                                        | 30. TUBING RECORD                                                                                                  |                                                                                    |                                  |
| SIZE<br>---                                                                                                                                                                                                                                   | TOP (MD)<br>---               | BOTTOM (MD)<br>---                                                                     | SACKS CEMENT*<br>---                                                                                               | SCREEN (MD)<br>---                                                                 | PACKER SET (MD)<br>---           |
| 31. PERFORATION RECORD (Interval, size and number)<br><u>No Perforations</u>                                                                                                                                                                  |                               |                                                                                        | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL (MD) _____ AMOUNT AND KIND OF MATERIAL USED _____ |                                                                                    |                                  |
| 33.* PRODUCTION                                                                                                                                                                                                                               |                               |                                                                                        |                                                                                                                    |                                                                                    |                                  |
| DATE FIRST PRODUCTION _____                                                                                                                                                                                                                   |                               | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____             |                                                                                                                    | WELL STATUS (Producing or shut-in)<br><u>P &amp; A</u>                             |                                  |
| DATE OF TEST<br><u>NO TEST</u>                                                                                                                                                                                                                | HOURS TESTED _____            | CHOKE SIZE _____                                                                       | PROD'N. FOR TEST PERIOD<br>→                                                                                       | OIL—BBL. _____                                                                     | GAS—MCF. _____                   |
| WATER—BBL. _____                                                                                                                                                                                                                              | GAS-OIL RATIO _____           | FLOW. TUBING PRESS. _____ CASING PRESSURE _____ CALCULATED 24-HOUR RATE →              |                                                                                                                    |                                                                                    |                                  |
| OIL—BBL. _____                                                                                                                                                                                                                                |                               | GAS—MCF. _____                                                                         |                                                                                                                    | WATER—BBL. _____                                                                   |                                  |
| OIL GRAVITY-API (CORR.) _____                                                                                                                                                                                                                 |                               | 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____                       |                                                                                                                    |                                                                                    |                                  |
| TEST WITNESSED BY _____                                                                                                                                                                                                                       |                               |                                                                                        |                                                                                                                    | 35. LIST OF ATTACHMENTS _____                                                      |                                  |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

C. C. Parsons

TITLE Dist. Prod. Manager

DATE FEB 19 1982 January 28, 1982

\*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC

BY

FARMINGTON DISTRICT

S. S. S. S. S.

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**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 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |             |        | 38. GEOLOGIC MARKERS |             |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|----------------------|-------------|------------------|
| FORMATION                                                                                                                                                                                                                                             | TOP         | BOTTOM | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo                                                                                                                                                                                                                                             | 135'        |        |                      |             |                  |
| Fruitland                                                                                                                                                                                                                                             | Not present |        |                      |             |                  |
| Pictured Cliffs                                                                                                                                                                                                                                       | 1004'       |        |                      |             |                  |
| Chacra                                                                                                                                                                                                                                                | 1232'       |        |                      |             |                  |
| Cliff House                                                                                                                                                                                                                                           | 1737'       |        |                      |             |                  |
| Point Lookout                                                                                                                                                                                                                                         | 2182'       |        |                      |             |                  |
| Gallup                                                                                                                                                                                                                                                | 3752'       |        |                      |             |                  |
| Graneros                                                                                                                                                                                                                                              | 4892'       |        |                      |             |                  |
| Dakota                                                                                                                                                                                                                                                | 5790'       |        |                      |             |                  |
|                                                                                                                                                                                                                                                       | 5902'       |        |                      |             |                  |