

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 ☐ GAS WELL ☒ DRY ☐ OTHER ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-075794	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		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 87401		8. FARM OR LEASE NAME Hughes	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1100' FNL & 1800' FEL At top prod. interval reported below At total depth		9. WELL NO. 3	
14. PERMIT NO. S. GEOLOGICAL SURVEY FARMINGTON, N. M.		10. FIELD AND POOL, OR WILDCAT Bloomfield Chacra Kutz Fruitland	
15. DATE SPUDDED 5-11-82		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Section 23, T28N, R11W	
16. DATE T.D. REACHED 5-14-82		12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 6-24-82		13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5779' KB		19. ELEV. CASINGHEAD 5767' GL	
20. TOTAL DEPTH, MD & TVD 2950'		21. PLUG, BACK T.D., MD & TVD 2939'	
22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY 0-2950'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2756'-2875' (Chacra)		25. WAS DIRECTIONAL SURVEY MADE Deviation	
26. TYPE ELECTRIC AND OTHER LOGS RUN IEL, GR-CNL/FDC, GR-CBL/VDL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8"	32.30#	225'	12-1/4"
2-7/8"	6.50#	2950'	6-3/4"
CEMENTING RECORD			
OTHER SIDE FOR CEMENT REPORT			
AMOUNT PULLED			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
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30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
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31. PERFORATION RECORD (Interval, size and number) Chacra: (Total of 11 holes) 2756', 2758', 2760', 2762', 2764', 2861', 2863', 2869', 2871', 2873', 2875'.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2756'-2875'		Frac'd with 36,000 gals 70 quality foam pad and 60,500# 10/20 sand	
33.* PRODUCTION			
DATE FIRST PRODUCTION 7-2-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut-In'			
DATE OF TEST 7-2-82	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD ---
OIL—BBL. ---	GAS—MCF. 95	WATER—BBL. ---	GAS-OIL RATIO ---
FLOW, TUBING PRESS. ---	CASING PRESSURE 54	CALCULATED 24-HOUR RATE ---	OIL—BBL. ---
GAS—MCF. 758	WATER—BBL. ---	OIL GRAVITY-API (CORR.) ---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
TEST WITNESSED BY Tom Wagner			
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. HARRIS

TITLE

Dist. Production Manager

DATE

July 19, 1982

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

NMOCC

8852

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: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
ESTIMATED TOPS						
Ojo Alamo	574'		#28 CEMENT REPORT 9-5/8" casing cemented with 110 sacks of Class "B" with 1/4# gel flake/sack and 3% CaCl₂. PD @ 3:30 PM 5-11-82. Cement circulated to surface. 2-7/8" casing cemented with 300 sacks of Class "B" 50/50 Poz, 6% gel, 1/4# gel flake per sack, tailed in with 445 sacks of Class "B" with 2% CaCl₂. Circulated to surface. PD @ 12:40 AM 5-15-82.			
Fruitland	1347'					
Pictured Cliffs	1760'					
Chacra	2706'					