

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See ot:
struction.
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. NM-02295																															
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -																															
2. NAME OF OPERATOR Southland Royalty Company ✓		7. UNIT AGREEMENT NAME -																															
3. ADDRESS OF OPERATOR 1100 Wall Towers West, Midland, TX 79701		8. FARM OR LEASE NAME Trigg-Federal																															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FNL & 2230' FWL At top prod. interval reported below Same At total depth Same		9. WELL NO. 1																															
14. PERMIT NO. -		10. FIELD AND POOL, OR WILDCAT Undesignated																															
DATE ISSUED 5-23-78		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 3, T-20-S, R-27-E																															
15. DATE SPEDDED 6-20-78		12. COUNTY OR PARISH Eddy																															
16. DATE T.D. REACHED 7-29-78		13. STATE New Mexico																															
17. DATE COMPL. (Ready to prod.) Dry hole		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3341.0' GR																															
19. ELEV. CASINGHEAD -		20. TOTAL DEPTH, MD & TVD 10,970'																															
21. PLUG. BACK T.D., MD & TVD See Item #37		22. IF MULTIPLE COMPL., HOW MANY* -																															
23. INTERVALS DRILLED BY 10-10,970'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None																															
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Comp. Neutron/Formation Density, Dual Laterolog																															
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE</th> <th>WEIGHT, LB./FT.</th> <th>DEPTH SET (MD)</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>13 3/8"</td> <td>49#</td> <td>435'</td> <td>17 1/2"</td> <td>375 sx + 5 yds Rodi-Mix</td> <td>None</td> </tr> <tr> <td>8 5/8"</td> <td>24#</td> <td>2600'</td> <td>11"</td> <td>820 sx</td> <td>None</td> </tr> <tr> <td>4 1/2"</td> <td>11.6#</td> <td>9089'</td> <td>7 7/8"</td> <td>575 sx</td> <td>None, T/cement @ 7120'</td> </tr> </tbody> </table>		CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13 3/8"	49#	435'	17 1/2"	375 sx + 5 yds Rodi-Mix	None	8 5/8"	24#	2600'	11"	820 sx	None	4 1/2"	11.6#	9089'	7 7/8"	575 sx	None, T/cement @ 7120'	29. LINER RECORD							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																												
13 3/8"	49#	435'	17 1/2"	375 sx + 5 yds Rodi-Mix	None																												
8 5/8"	24#	2600'	11"	820 sx	None																												
4 1/2"	11.6#	9089'	7 7/8"	575 sx	None, T/cement @ 7120'																												
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>TOP (MD)</th> <th>BOTTOM (MD)</th> <th>SACKS CEMENT*</th> <th>SCREEN (MD)</th> </tr> </thead> <tbody> <tr> <td>NONE</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	NONE					30. TUBING RECORD																					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																													
NONE																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>DEPTH SET (MD)</th> <th>PACKER SET (MD)</th> </tr> </thead> <tbody> <tr> <td>NONE</td> <td></td> <td></td> </tr> </tbody> </table>		SIZE	DEPTH SET (MD)	PACKER SET (MD)	NONE			31. PERFORATION RECORD (Interval, size and number) 8918-8932' 2 SPF 8512-8523' 2 SPF																									
SIZE	DEPTH SET (MD)	PACKER SET (MD)																															
NONE																																	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>8918-8932'</td> <td>250 gal. acid</td> </tr> <tr> <td>8512-8523'</td> <td>250 gal. acid</td> </tr> </tbody> </table>		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	8918-8932'	250 gal. acid	8512-8523'	250 gal. acid	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DATE FIRST PRODUCTION</th> <th>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</th> <th>WELL STATUS (Producing or shut-in)</th> </tr> </thead> <tbody> <tr> <td>None</td> <td>None</td> <td>Shut in</td> </tr> </tbody> </table>		DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)	None	None	Shut in																		
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																																
8918-8932'	250 gal. acid																																
8512-8523'	250 gal. acid																																
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)																															
None	None	Shut in																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DATE OF TEST</th> <th>HOURS TESTED</th> <th>CHOKE SIZE</th> <th>PROD'N. FOR TEST PERIOD</th> <th>OIL—BBL.</th> <th>GAS—MCF.</th> <th>WATER—BBL.</th> <th>GAS-OIL RATIO</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td>None</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO					None				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FLOW. TUBING PRESS.</th> <th>CASING PRESSURE</th> <th>CALCULATED 24-HOUR RATE</th> <th>OIL—BBL.</th> <th>GAS—MCF.</th> <th>WATER—BBL.</th> <th>OIL GRAVITY-API (CORR.)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)							
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO																										
				None																													
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 Comp. N-FDC, DLL, Inclination Survey (2 copies of each log enclosed).																																	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																	
SIGNED <u>C. Harney Carr</u>		TITLE <u>District Engineer</u> DATE <u>9-22-78</u>																															

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

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 landowner. See instructions on items 22 and 24 and 23 below regarding separate reports for separate completions.

and/or State office. See instructions on items 22 and 24, and 26, below regarding separate reports for separate formations. 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. Consult local State

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 should be listed on this form, see item 3b.

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.

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 30: 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 PRESSURE, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
8-1-78 Spot 60	Sx Class	"H" cement	9160-9255'.	T/Yates	295	
Spot 60	Sx Class	"H" cement	10,315-10,515'.	T/7 Rivers	725	
	Perf 8918-8932'		Swab 145 bbls water, N.S.	T/Queen	1,190	
	Perf 8512-8523'		Swab dry	T/Grayburg	1,620	
	Set retainer @ 8890'.		Squeeze perf 8918-8932' w/100 sx.	T/San Andres	2,070	
	Set CIBP @ 8480'.		Spot cement 8445-8480'.	T/Wolfcamp	8,150	
				T/Penn	8,442	
				T/Cisco	8,442	
				(Bough C)		
				T/Strawn	9,135	
				T/Atoka	9,890	
				T/Miss.	10,750	