

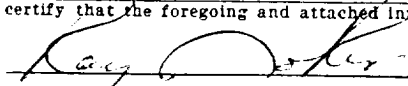
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐	
2. NAME OF OPERATOR Southland Royalty Company			
3. ADDRESS OF OPERATOR 1100 Wall Towers West, Midland, TX 79701			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FSL & 2310' FEL At top prod. interval reported below At total depth			
14. PERMIT NO.		DATE ISSUED AUG 10 1981	
15. DATE SPUDDED 5-20-81	16. DATE T.D. REACHED 6-11-81	17. DATE COMPL. (Ready to prod.) 7-10-81	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3692.3' GF
19. ELEV. CASINGHEAD ----	20. TOTAL DEPTH, MD & TVD 3550		
21. PLUG, BACK T.D., MD & TVD 3495	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY O-TD	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2583-3486' (OA) Grayburg-San Andres
25. WAS DIRECTIONAL SURVEY MADE No			26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC/GR-Caliper DLL/MLL/GR
27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)			
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24#	470	12 1/4"
5 1/2"	14#	3550	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
320 SXS		Circ 20 SXS	
3250 SXS		Circ 375 SXS	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8	3401	3371' (SN)	
31. PERFORATION RECORD (Interval, size and number)			
1JSPF 3042, 35, 33, 31, 29, 20, 2954, 52, 2867, 65, 63, 2781, 2663, 60, 56, 53, 49, 2583.			
1JSPF 3486, 84, 82, 05, 3359, 44, 36, 32, 30, 23, 15, 3273, 28, 09, 3196, 86, 81, 78.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3042-2583		Acdz w/4900 Gal 15% NE Acid.	
3042-2583		Frac w/40,000 Gal Wtr & 54,000#SD	
3486-3178		Acdz w/5400 Gal 15% NE Acid	
3486-3178		Frac w/40,000 Gal wtr & 51,000#SD	
33.* PRODUCTION			
DATE FIRST PRODUCTION 7-2-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing initially then on Pmp. 2" x 1 1/2" x 12'	
DATE OF TEST 7-20-81		WELL STATUS (Producing or shut-in) Prod.	
HOURS TESTED 24	CHOKE SIZE --	PROD'N. FOR TEST PERIOD OIL—BBL. 43 GAS—MCF. TSTM WATER—BBL. 240 OIL GRAVITY-API (CORR.) 37	GAS-OIL RATIO ----
FLOW. TUBING PRESS. ----	CASING PRESSURE ----	CALCULATED 24-HOUR RATE OIL—BBL. 43 GAS—MCF. TSTM WATER—BBL. 240	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) NA			
35. LIST OF ATTACHMENTS Electric logs			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED 		TITLE Engineer Tech.	
DATE 8-4-81		AUG 10 1981	

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

ACCEPTED FOR RECORD
ROGER A. CHAPMAN
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Base Salt	1104	
				Yates	1260	
				Queen	2176	
				Grayburg	2574	
				San Andres	2896	