

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See 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 _____	
b. 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, Texas 79701			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310' FWL & 990' FNL; Sec 34, T-17-S, R-29-E At top prod. interval reported below same At total depth same			
14. PERMIT NO.		DATE ISSUED ARTESIA, OFFICE JAN 30 1981	
15. DATE SPUDDED 11-15-80		16. DATE T.D. REACHED 11-22-80	
17. DATE COMPL. (Ready to prod.) 12-31-80		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3517' GR	
19. ELEV. CASINGHEAD ---		20. TOTAL DEPTH, MD & TVD 3140'	
21. PLUG, BACK T.D., MD & TVD 3080'		22. IF MULTIPLE COMPL., HOW MANY* ---	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2396'-2576' Grayburg, 3002'- 3049' Jackson	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL - FDC, DLL, & GR-Caliper	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24#	296'	12 1/4"
5 1/2"	14#	3140'	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
255 sxs Cl "C"+10 yd Redi Mix		Cmt to surf	
600 sxs Lite wt+200 sx Cl "H"		Circ 60 sxs	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	3050'	SN @ 3035'	
31. PERFORATION RECORD (Interval, size and number)			
1 JSPF 3049,47,45,43,41,08,06,04, & 02 (9 holes)			
1 JSP/2F 2568'-76' (5 holes), 2534'-40' (4 holes) 2527'-31' (3 holes)			
2396'-2410' (8 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
See Attached Supplement		PETER W. CHESTER JAN 26 1981	
U.S. GEOLOGICAL SURVEY			
ROSWELL, NEW MEXICO			
33.* PRDUCTION			
DATE FIRST PRODUCTION 1-4-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping (2" x 1 1/2" HF)	
WELL STATUS (Producing or shut-in) producing		GAS—MCF. 21	
DATE OF TEST 1-12-81		HOURS TESTED 24	
CHOKE SIZE ---		PROD'N. FOR TEST PERIOD 30	
OIL—BBL. ---		GAS—MCF. 21	
WATER—BBL. ---		GAS—OIL RATIO 700	
FLOW. TUBING PRESS. ---		CASING PRESSURE ---	
CALCULATED 24-HOUR RATE 30		OIL GRAVITY-API (CORR.) 36.1	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold			
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 C. C. Pearson		TITLE District Operations Engineer	
DATE 1-14-81			

*(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 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	TOP	TRUE VERT. DEPTH
				T/salt	310		
				B/Salt	710		
				Yates	899		
				Queen	1857		
				Grayburg	2299		
				San Andres	2717		
				Jackson	2906		

TREATMENT SUMMARY

<u>Depth interval</u>	<u>Amount and Kind of Material Used</u>
3049-3002	Spot 250 Gal 10% Acetic Acid
3049-3002	Acidz w/3000 Gals 15% DS-30 Acid
3049-3002	Frac w/2000 Gal Mini Max II w/l PPG 20-40 SD
2576-2396	Spot 350 Gal of 10% Acetic Acid
2576-2396	Acidz w/3000 Gal 15% DS-30 Acid
2576-2396	Frac w/45,000 Gal of Gelled KCl wtr & 27,000# 20-40 SD & 36,000# 10-20 SD

RECEIVED
JAN 26 1981
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

ACCEPTED FOR RECORD

JAN 26 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

RECEIVED
JAN 28 1981
OIL CONSERVATION DIVISION
SANTA FE