

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other <u>Cathy Nokes</u>		5. LEASE DESIGNATION AND SERIAL NO. NM-28881	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other <u>Dennis Sledge</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Southland Royalty Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 21 Desta Drive, Midland, Texas 79705		8. FARM OR LEASE NAME Vaca Ridge "30" Fed Com	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1980' FSL & 1980' FWL, Sec. 30, T-24-S, R-34-E, <u>1-17-85</u> At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Pitchfork Ranch (Morrow)	
15. DATE SPUDDED 9-12-84		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 30, T-24-S, R-34-E	
16. DATE T.D. REACHED 12-10-84		12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 12-22-84		13. STATE N.M.	
18. ELEVATIONS (OF RES. RT. GR. ETC.) * 3536.4' GR		19. ELEV. CASINGHEAD -	
20. TOTAL DEPTH, MD & TVD 15,505'		21. PLUG BACK T.D., MD & TVD 15,450'	
22. IF MULTIPLE COMPL. HOW MANY *		23. INTERVALS DRILLED BY XX	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 14,854-15,166' Morrow		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CNL-LTD-Cal, GR-DLL-MSFL-Cal & Density/Neutron, CNL/DIL		27. WAS WELL CORRED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
20"	94#	600'	26"
13 3/8"	61#	5208'	17 1/2"
9 5/8"	43.5 & 47#	13,250'	12 1/4"
5 1/2" liner	23#	12,751-15,504'	8 1/2"
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			SIZE
			DEPTH SET (MD)
			PACKER SET (MD)
			2 7/8"
			14,713'
			12,750'
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
15,144-52' (.375) 9 shots		DEPTH INTERVAL (MD)	
15,156-66' (.375) 11 shots		AMOUNT AND KIND OF MATERIAL USED	
14,854-70' (.375) 17 shots		NONE	
33. PRODUCTION			
DATE FIRST PRODUCTION 12-22-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 12-26-84		WELL STATUS (Producing or shut-in) Shut-in	
HOURS TESTED 1	CHOKE SIZE 15.5/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. Tr
FLOW. TUBING PRESS. 6235	CASING PRESSURE →	GAS—MCF. 23,963	WATER—BBL. Tr
CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.) 11,981	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Ronnie Pryor	
35. LIST OF ATTACHMENTS Logs, Inclination Survey, C-104, Temperature Survey, C-122		DATE 1/7/85	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Danell Polak</u>		TITLE <u>Operations Engineer</u>	
NEW MEXICO		DATE <u>1/7/85</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 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, CUBIC FEET USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Morrow			Perf'd 15,144-52', 15,156-166', 14,854-70'	Rustler Anhy T/Salt B/Salt Delaware Wolfcamp Strawn Atoka Morrow Morrow Clastics Barnett Shale	1195' 2400' 5030' 5312' 12,320' 13,610' 13,950' 14,082' 14,565' 15,435'	

RECEIVED
JAN 28 1985
FEDERAL OFFICE