

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N. M. OIL CONS. COMMISSION
SUBMIT IN DUPLICATE
Other Instructions on reverse side

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. REVR ☐ Other _____		7. LEASE DESIGNATION AND SERIAL NO. RECEIVED 10-12-83 10:00 UNIT/AGREEMENT NAME	
2. NAME OF OPERATOR Southland Royalty Company		8. FARM OR LEASE NAME Federal "MA"	
3. ADDRESS OF OPERATOR 21 Desta Drive, Midland, Texas 79705		9. WELL NO. 4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 530' FNL & 1910' FEL Sec. 21, T18S, R33E At top prod. interval reported below At total depth		10. FIELD AND POOL, OR WILDCAT South Corbin (Wolfcamp)	
14. PERMIT NO. DATE ISSUED 3/09/89		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 21, T18S, R33E	
15. DATE SPUDDED 5/16/89		16. DATE T.D. REACHED 6/07/89	
17. DATE COMPL. (Ready to prod.) 8/03/89		18. ELEVATIONS (DF. RKB, RT, OR, ETC.)* 3849' GR	
19. ELEV. CASINGHEAD 3849'		20. TOTAL DEPTH, MD & TVD 11,511'	
21. PLUG. BACK T.D., MD & TVD 11,464'		22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10,948' - 11,442' Wolfcamp		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CN/LD, LDT-CNT, DLL-MSFL, Cement Bond Log W/ VDL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8"	48	370'	17 1/2"
8 5/8"	28, 24	2900'	12 1/4"
5 1/2"	17, 15.5	11,511'	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
300 sx - Circ.			
1500 sx - Circ.			
1st Stage - 905 sx			
2nd stage - 1530 sx			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8"	10,856'	10,856'	
31. PERFORATION RECORD (Interval, size and number)			
11,408' - 442' 2 JSPF (69 Holes)			
11,164' - 290' 2 JSPF (117 Holes)			
11,030' - 080' 2 JSPF (101 Holes)			
10,948' - 964' 2 JSPF (33 Holes)			
Used 4" Csg. Guns			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
- Attached -			
33. PRODUCTION			
DATE FIRST PRODUCTION 7/18/89		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 2 1/2" x 1 1/4" x 32' RHBM Pump	
DATE OF TEST 8/08/89		WELL STATUS (Producing or shut-in) Shut In	
HOURS TESTED 24	CHOKES SIZE 20/64	PROD'N. FOR TEST PERIOD OIL—BSL. 316	GAS—MCF. 392
WATER—BSL. 52	GAS-OIL RATIO 1240		
FLOW. TUBING PRESS. 0	CASING PRESSURE 180	CALCULATED 24-HOUR RATE OIL—BSL. GAS—MCF. WATER—BSL.	OIL GRAVITY-API (CORR.) 40.5
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS C-104, Inclination Survey, Plat, Cmt. Bond Log, Elec. Log.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Robert L. Bradshaw		Sr. Staff Env./Reg. Specialist DATE 8/16/89	

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

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
			No Drill Stem Tests. No Cores.	Rustler	1462'	
				Yates	3068'	
				Queen	4206'	
				Delaware	5184'	
				Bone Spring	7122'	
				Bone Spring Sand	8600'	
				Wolfcamp	10,907'	