

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See 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 ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐	
2. NAME OF OPERATOR Southland Royalty Company			
3. ADDRESS OF OPERATOR 21 Desta Drive, Midland, Texas 79705			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FSL & 1980' FWL, Sec. 28, T-18-S, R-33-E At top prod. interval reported below At total depth			
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 11-16-88		16. DATE T.D. REACHED 12-15-88	
17. DATE COMPL. (Ready to prod.) 1-12-89		18. ELEVATIONS (OF RKB, RT, GB, ETC.) 3780' GR	
19. ELEV. CASINGHEAD --		20. TOTAL DEPTH, MD & TVD 11,454'	
21. PLUG BACK T.D., MD & TVD 11,380'		22. IF MULTIPLE COMPL. HOW MANY? --	
23. INTERVALS DRILLED BY XX		24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 11,216-11,330' (Wolfcamp)	
25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN Spectral Density Dual Spaced Neutron Log, Computer Analyzed log & Dual Laterolog Microguard log	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
13-3/8"		48#	
8-5/8"		24 & 28#	
5-1/2"		15.5 & 17#	
Depth Set (MD)		Hole Size	
345'		17-1/2"	
2967'		12-1/4"	
11448'		7-7/8"	
Cementing Record		Amount Pulled	
370 sx Cl "C"		Circ.	
1400 sx Pacesetter Lite &		Circ.	
1600 sx Super "H"		Circ. TOC @4150'	
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
Top (MD)		Depth Set (MD)	
Bottom (MD)		Packer Set (MD)	
Sacks Cement*		Screen (MD)	
2-7/8"		11,100'	
11,100'		11,100'	
31. PERFORATION RECORD (Interval, size and number) 11,216-240' (73 Holes) 11,204-284' 11,304-330'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Depth Interval (MD) 11,330' Amount and Kind of Material Used Spotted 500 gal 15% NEFE HCL Acid	
CARISBAD, NEW MEXICO			
33. PRODUCTION			
Date First Production 1-12-89		Production Method (Flowing, gas lift, pumping—size and type of pump) Flowing	
Well Status (Producing or shut-in) Producing			
Date of Test 1-13-89		Hours Tested 24	
Choke Size 48/64		Prod'n. for Test Period 554	
Oil—BBL. 554		Gas—MCF 600	
Water—BBL. 238		Gas-Oil Ratio 1100	
Flow. Tubing Press. 180		Casing Pressure --	
Calculated 24-Hour Rate 554		Oil—BBL. 554	
Gas—MCF 600		Water—BBL. 238	
Oil Gravity-API (CORR.) 42.0			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Ronnie Pryer	
35. LIST OF ATTACHMENTS Plat, Logs, C-104, Deviation Survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Marianne Martin</u>		TITLE <u>Operations Tech III</u>	
DATE <u>1-13-89</u>			

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	0	1393'	Alluvium, Redbeds	Ruster	1,393	
	1393	3057	Annydrite & Salt	Yates	3,057	
	3057	4163	Annydrite, Sandstone & Dolomite	Queen	4,163	
	4163	4820	Sandstone, Dolomite & Annydrite	Delaware	4,946	
	4820	4950	Dolomite	First Bone Spring	9,290	
	4950	6000	Dolomite & Sandstone	Second Bone Spring	9,630	
	6000	7370	Sandstone	Third Bone Spring	10,262	
	7370	8600	Limestone & Shale	Wolfcamp	10,538	
	8600	8780	Chert, Dolomite & Shale			
	8780	9030	Sandstone & Shale			
	9030	9280	Limestone & Shale			
	9280	9390	Sandstone			
	9390	10500	Limestone, Shale & Sandstone			
	10500	11350	Limestone & Shale			

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