

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-020982	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Southland Royalty Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Drawer 570, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Mangum	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1060' FSL & 1720' FEL At top prod. interval reported below At total depth		9. WELL NO. 4-E	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Bloomfield Chacra Basin Dakota	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 28, T29N, R11W	
15. DATE SPUNDED 5-04-80		12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED 5-11-80		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 3-02-81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5495' GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 6385'	
21. PLUG, BACK T.D., MD & TVD 6341'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY → 0-6385		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2642'-2761' (Chacra)	
25. WAS DIRECTIONAL SURVEY MADE Deviation		26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Density and GR-CBL/CCL Logs	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8-5/8"		24#	
5-1/2"		15.5#	
DEPTH SET (MD)		243'	
6385'		HOLE SIZE	
12-1/4"		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED	
140 sacks		760 sacks (3 stages)	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
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BOTTOM (MD)		SACKS CEMENT*	
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SCREEN (MD)		SIZE	
---		1-1/2"	
DEPTH SET (MD)		PACKER SET (MD)	
2760'		2869'	
31. PERFORATION RECORD (Interval, size and number) Chacra: 2642', 2645', 2648', 2742', 2745', 2749', 2752', 2758', 2761'. (9 holes)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 2642'-2761' AMOUNT AND KIND OF MATERIAL USED Frac'd with 50,000 gals 70 Quality Foam and 60,000# 10/20 sand.	
33.* PRODUCTION		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
5-17-81		Shut-In	
HOURS TESTED 3		CHOKE SIZE 3/4"	
PROD'N. FOR TEST PERIOD →		OIL—BBL. ---	
GAS—MCF. ---		WATER—BBL. ---	
GAS—OIL RATIO ---		OIL GRAVITY-API (CORR.) ---	
FLOW, TUBING PRESS. 98		CASING PRESSURE 426	
CALCULATED 24-HOUR RATE →		OIL—BBL. ---	
GAS—MCF. 1533		WATER—BBL. ---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Tom Wagner	
35. LIST OF ATTACHMENTS		ACCEPTED FOR RECORD	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		JUN 8 1981 May 29, 1981 FARMINGTON DISTRICT	
SIGNED _____		TITLE Dist. Prod. Manager	
* (See Instructions and Spaces for Additional Data on Reverse Side)		BY _____	