

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-13959	
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 87499-0570		8. FARM OR LEASE NAME Holly Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 980' FSL & 700' FEL At top prod. interval reported below At total depth		9. WELL NO. 1	
10. FIELD AND POOL, OR WILDCAT Wildcat Gallup		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 29, T30N, R15W	
12. COUNTY OR PARISH San Juan		13. STATE New Mexico	
14. PERMITTING AGENCY, N. M. U. S. GEOLOGICAL SURVEY DATE ISSUED		15. DATE SPURRED 6-30-81	
16. DATE T.D. REACHED 7-09-81		17. DATE COMPL. (Ready to prod.) 8-29-81	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5170' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 4350'		21. PLUG, BACK T.D., MD & TVD 4306'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4035'-4176' (Gallup)		25. WAS DIRECTIONAL SURVEY MADE Deviation	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Induction, BHC-Sonic, Density-Neutron and GR-CBL		27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	219'	12-1/4"
5-1/2"	15.5#	4350'	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
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30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	4152'	---	
31. PERFORATION RECORD (Interval, size and number) Gallup: 4035', 4041', 4052', 4059', 4063', 4072', 4076', 4086', 4090', 4156', 4160', 4164', 4168', 4173', 4176'. Total of 15 holes.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
4035'-4176'	Frac'd with 75,178 gals of 2% KCl nitrified with 500 SCF/ bbl of nitrogen & 56,000# 20/40 sand		
33. PRODUCTION			
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Shut-In
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
9-10-81	3	3/4"	19.18
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO
			22.46 3545/1
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>[Signature]</i>		TITLE Dist. Prod. Manager	
		DATE 10-07-81	

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

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Sam