

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 ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐
JAN 17 1986

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P.O. Drawer 570, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface (G) 1710' FNL & 1760' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
NM-03991

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hill Federal

9. WELL NO.
2Y

10. FIELD AND POOL, OR WILDCAT
Gavilan Mancos

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 25, T25N, R2W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUDDED 8-26-85 16. DATE T.D. REACHED 9-14-85 17. DATE COMPL. (Ready to prod.) 10-23-85 18. ELEVATIONS (DP, RKB, RT, OR, ETC.)* 7467' KB 19. ELEV. CASINGHEAD 7453' GL

20. TOTAL DEPTH, MD & TVD 8225' 21. PLUG, BACK T.D., MD & TVD 8168' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-8225' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6948'-7211' (Upper Mancos) 7243'-7626' (Lower Mancos) 25. WAS DIRECTIONAL SURVEY MADE Deviatational

26. TYPE ELECTRIC AND OTHER LOGS RUN
Comp. Density Dual Spaced Neutron Log, Induction Guard Log, GR-CBL/CCL No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	68#, K-55	393'	17-1/2"	649 cu.ft. Circ to surface	
5-1/2" 17#	N-80, 15.5#	K-55 8214'	7-7/8"	Stge 1: 629 cu.ft. - Good	Circ
				Stge 2: 449 cu.ft. - Good	Circ
				Stge 3: 512 cu.ft. - Good	Circ

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
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31. PREPARATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Upper Mancos - 27 Holes 6948'-7211'		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CONTINUED OTHER SIDE)		6948'-7211'	Fraced with 95,000 gals 30# gel, 900 gals diesel, 6946 gals 2% KCl water and 122,500# 20/40 sand

33.* PRODUCTION							
DATE FIRST PRODUCTION 11-05-85		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 1-10-86	HOURS TESTED 24	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BSL. 174	GAS—MCF. 687	WATER—BSL. 9.90	GAS-OIL RATIO 3948/1
FLOW, TUBING PRESS. 115	CASING PRESSURE 354	CALCULATED 24-HOUR RATE →	OIL—BSL. --	GAS—MCF. --	WATER—BSL. --	OIL GRAVITY-API (CORR.) --	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
To be 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 Ethel J. Grejner TITLE Secretary DATE 1-16-86

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

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Nacimineto Ojo Alamo Kirtland Fruitland Pictured Cliffs Chacra Cliff House Point Lookout Mancos Shale Mancos-Gallup Greenhorn Graneros Dakota	2530' 3254' 3404' 4047' 3518' 3963' 5284' 5722' 5981' 6944' 7826' 7905' 8002'					
ITEM #31 and #32 (CONTINUED):						
Lower Mancos - 21 Holes:						
	7243', 7256', 7271', 7279', 7423', 7434', 7448', 7484', 7626'.	7295', 7311', 7330', 7344', 7360', 7394', 7492', 7502', 7512', 7523', 7547', 7609', 7626'.				
Fraced down casing with 11,000# 100 mesh sand, 112, 500# 20/40 sand, 69,040 gals 30# gel and 8,333 gals 2% KCl water.						