

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  DEEPEN  PLUG BACK  DIFF. RESVR.  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' FEL, Sec. 8, T18S, R33E  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED 12/07/88

5. LEASE DESIGNATION AND SERIAL NO.  
NM-0997

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
West Corbin Federal

9. WELL NO.  
11

10. FIELD AND POOL, OR WILDCAT  
S. Corbin (Wolfcamp)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 8, T18S, R33E

12. COUNTY OR PARISH  
Lea County

13. STATE  
New Mexico

15. DATE SPUDDED 12/22/88 16. DATE T.D. REACHED 01/17/89 17. DATE COMPL. (Ready to prod.) 02/19/89 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3885.7 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 11,450' 21. PLUG, BACK T.D., MD & TVD 11,405' 22. IF MULTIPLE COMPL. HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS XX CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
11,177' - 11,391' (Wolfcamp) 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN  
ZDL/CN/GR/CAL PROLOG; DLL/MLL/GR/CAL PROLOG 27. WAS WELL CORED NO

28. 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"	48	348'	17 1/2"	300 sx, CL "C"	Circ.
8 5/8"	28	2895'	12 1/4"	1175 sx Silicalite 200 sx	CL "C" Circ.
5 1/2"	17 & 15 1/2	11,450'	7 7/8"	275 sx Silicalite 325 sx	CL "C" Circ.
				1000 sx Silicalite; 115 sx	CL "H" TOC@250'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE 2 7/8" DEPTH SET (MD) 10,697' PACKER SET (MD) 10,697'

31. PERFORATION RECORD (Interval, size and number)

11,177' - 80'	11,383' - 91'	1 JSPF & 120° Phasing
11,202' - 08'	Total of 52 Holes	
11,250' - 60'	10,792' - 98'	
11,310' - 15'	10,814' - 38'	
11,335' - 40'	10,987' - 98'	
11,364' - 72'	Total of 51 Holes	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,177' - 11,391'	7000 Gal. 15% NEFE HCL

33. PRODUCTION

DATE FIRST PRODUCTION 02/19/89 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
02/19/89	9	28/64	→	420	187	0	445:1

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
700 psi		→	1120	500	0	48.2

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Will be sold TEST WITNESSED BY Ronnie Pryer

35. LIST OF ATTACHMENTS  
Plat, Deviation Survey, C-104, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Robert L. Broadhead TITLE Sr. Staff Env./Req. Spec. DATE 02/23/89

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

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Red Beds & Alluvium	Surface	1500'		Rustler	1450'	
Anhydrite & Salt	1500'	2850'		Yates	2900'	
Anhydrite & Dolomite	2850'	4500'		Queen	4243'	
Dolomite & Anhydrite	4500'	5120'		Delaware S.S.	5950'	
Dolomite & Sandstone	5120'	5800'		Bonespring	6852'	
Limestone	5800'	5950'		Wolfcamp	10,310'	
Dolomite & Sandstone	5950'	6950'				
Limestone	6950'	8300'				
Shale						
Dolomite, LS, Sandstone, & Shale	8300'	9300'				
Sandstone, Shale, & Dolomite	9300'	10,380'				
Dolomite, Chert, & Limestone	10,380'	10,640'				
Limestone & Shale	10,640'	11,450'				

38. GEOLOGIC MARKERS

FEB 27 1939