

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other
instructions
reverse side.)

5. LEASE DESIGNATION AND SERIAL NO.

LC-064944

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

-

8. FARM OR LEASE NAME

Federal "M"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated (South Corbier

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

Sec. 27, 18S, 33E, NMPM

12. COUNTY OR
PARISH

Lea

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other SI

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other SI

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

1100 Wall Towers West Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FSL & 990' FWL

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED 10-28-66 16. DATE T.D. REACHED 1-2-67 17. DATE COMPL. (Ready to prod.) 1-25-67 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 3,805 KB 19. ELEV. CASINGHEAD 3,789.4

20. TOTAL DEPTH, MD & TVD 13,406 21. PLUG, BACK T.D., MD & TVD 12,165 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY -> 0-13,406 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10,664-10,672 (Wolfcamp) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Lane Wells GR/Acoustic, I-ES, Minilog

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"	43	354	17 12/16"	350 SX	None
8 5/8"	32	5109	11"	900 SX	None
5 1/2"	20	13315	7 7/8"	1250 SX	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8"	10,525	10,525

31. PERFORATION RECORD (Interval, size and number)

10,664-672' (2spf) Wolfcamp
12,306-316' (2spf) Strawn (11-16-67)
13,325-406' (2spf) Morrow (7-28-78)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,664-672	1000 gals. 15% NE Acid
12,306-316	2000 gals. Spearhead Acid
13,325-13,406	3000 gals. 7 1/2%, 123 MCF N ₂

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-12-69		Well presently SI				SI TA	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-11-78	12	open	→	None	None	15	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
Swab	Packer	→	None	None	30	-	
84. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

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

Q. Harney Carr

TITLE

District Engineer

DATE 10-30-78

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

INSTR LCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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
Morrow:	13,325	13,406	7-22-78 Acidize open hole w/3000 gals. 7½% M-S Acid; 123,000 SCF N2 Swab dry. No Show. Set CIBP @ 13,100. Cement 13,065-13,100'.			
Strawn:	12,302	12,316	11-16-67 Attempted squeeze to 7000 psi. Could not squeeze. On 10-7-78 set CIPB @ 12,200'.			
Wolfcamp:	10,664	10,672	10-8-78 Acidize w/1000 gals. 15% Swab salt water. Fluid level 3600'. Rec 15 bbls salt water/12 hrs.			
Well SI waiting on further developments. Presently exposed perf 10,664-10,672'. PBTD 12,165'.						