

N.M.O.C.D. COPY

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 ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
Southland Royalty Company ✓

3. ADDRESS OF OPERATOR
1100 Wall Tower West Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 2260 FSL & 2310 FEL, Sec. 15, T-17-S, R-30-E

At top prod. interval reported below

At total depth

JUN 16 1980
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED

JUN 17 1980

O. C. D.

DATE ISSUED
ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.
LC 029020

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Dexter Federal

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Grayburg Jackson, (SA)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 15, T-17-S, R-30-E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 4/6/80 16. DATE T.D. REACHED 4/15/80 17. DATE COMPL. (Ready to prod.) 6/2/80 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3695.6' Gr 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3550' 21. PLUG, BACK T.D., MD & TVD 3503' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

ROTARY TOOLS X CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
Compensated Neutron/GR-Collar log; GR Sur Log of RA material

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
8 5/8"	24#	462'	12 1/4"	275 sxs & 8 yd Ready mix	
5 1/2"	15.5#	3550'	7 7/8"	975 sxs T/cmt 760'/TS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3487'	

31. PERFORATION RECORD (Interval, size and number)

3276-3279'	3331-3333'	
3284-3288'	3360-3366'	
3292-3296'	3373-3377'	
3302-3308'	3452-3461'	1 JSPF
3312-3318'		

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3452-3461'	1150 gal 15% NE acid
3276-3377'	4175 gal 15% NE acid
3276-3461'	45,000 gal 2% KCl w/27000# 20/40 sd
& 45,000#	10/20 sd. Tagged w/RA material

33.* PRODUCTION

DATE FIRST PRODUCTION 6/2/80 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 6/8/80 HOURS TESTED 24 CHOKER SIZE NA PROD'N. FOR TEST PERIOD → OIL—BBL. 30 GAS—MCF. 25 WATER—BBL. 112 GAS-OIL RATIO 833

FLOW. TUBING PRESS. - CASING PRESSURE - CALCULATED 24-HOUR RATE → OIL—BBL. 30 GAS—MCF. 25 WATER—BBL. 112 OIL GRAVITY-API (CORR.) NA

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel TEST WITNESSED BY Dale Boland

35. LIST OF ATTACHMENTS
Compensated Neutron/GR-Collar log; GR Survey Log of RA material

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

SIGNED Donald R. Crang TITLE District Operation Engineer DATE 6/10/80

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

INSTRUCTIONS

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Yates	1280'	
				Queen	2168'	
				Grayburg	2519'	
				San Andres	2885'	