

ATTENDED FORM
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ELIGATE*

(See other in-
structions 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. REVER. ☐ 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

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 (D.F. RNB, RT, GR, ETC.)* 3885.7 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TYD 11,450' 21. PLUG BACK T.D., MD & TYD 11,405' 22. IF MULTIPLE COMPL. HOW MANY? 23. INTERVALS DRILLED BY 24. ROTARY TOOLS XX 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TYD)* 10,792' - 998' (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" Cir
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@

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	10,697'	10,697'

31. PREPARATION RECORD (Interval, size and number)

11,177' - 80' 11,383' - 91' 1 JSPF &
11,202' - 08' Total of 52 Holes 120° Phasing
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
11,100'	RBP set

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
02/19/89		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
02/19/89	9	28/64	→	420	187	0	445:1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	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 David R. Glass TITLE Sr. Staff Env./Reg. Spec. DATE 03/03/89

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

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'	
Hydrite & Anhydrite	1500'	2850'		Yates	2900'	
Hydrite & Dolomite	2850'	4500'		Queen	4243'	
Dolomite & Anhydrite	4500'	5120'		Delaware S.S.	5950'	
Dolomite & Sandstone	5120'	5800'		Bonespring	6852'	
Sandstone	5800'	5950'		Wolfcamp	10,310'	
Dolomite & Sandstone	5950'	6950'				
Limestone	6950'	8300'				
Limestone & Sandstone	8300'	9300'				
Sandstone, Shale, & Dolomite	9300'	10,380'				
Dolomite, Chert, & Limestone	10,380'	10,640'				
Limestone & Shale	10,640'	11,450'				

38. GEOLOGIC MARKERS

RECEIVED
MAR 17 1989
GEOLOGIC MARKERS