

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 _____				5. LEASE DESIGNATION AND SERIAL NO. NM 0997	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Southland Royalty Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1100 Wall Towers West, Midland, Texas 79701				8. FARM OR LEASE NAME Querecho	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1980' FWL, Sec. 28, T-18-S, R-33-E At top prod. interval reported below At total depth				9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT S. Corbin, (Wolfcamp)	
15. DATE SPUDDED 12-2-79				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 28, T-18-S, R-33-E	
16. DATE T.D. REACHED 2-6-80				12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 2-27-80				13. STATE N.M.	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3783.3' GR				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 13771'		21. PLUG BACK T.D., MD & TVD 11305'		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
22. IF MULTIPLE COMPL., HOW MANY* _____				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 11118' - 11206' Wolfcamp	
25. TYPE ELECTRIC AND OTHER LOGS RUN DLL w/RXO, CNFD w/GR - Caliper, BHC Acoustic				26. WAS DIRECTIONAL SURVEY MADE NO	
27. WAS WELL CORED NO				28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
13 3/8"		48		370'	
8 5/8"		32, 28, & 24		5102'	
5 1/2"		20, & 17		11300'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
17 1/2"		375 sx cmt circ			
11"		1800 sx cmt circ			
7 7/8"		650 sx T/cmt @ 8560' by		T.S.	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
					2 3/8"
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
11206' - 11194'			DEPTH INTERVAL (MD)		
11182' - 11170'			AMOUNT AND KIND OF MATERIAL USED		
11160' - 11146'			11118' - 11206'		
11130' - 11118'			150 HCL-Glacial Acetic Acids		
33. PRODUCTION					
DATE FIRST PRODUCTION 2-27-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing (Testing)
DATE OF TEST 3-13-80	HOURS TESTED 24 hrs	CHOKE SIZE 10/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 87	GAS—MCF. 97.8
WATER—BBL. 0	GAS-OIL RATIO 1124				
FLOW. TUBING PRESS. 550	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 87	GAS—MCF. 97.8	WATER—BBL. 0
OIL GRAVITY-API (CORR.) N.A.					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in waiting on pipeline					TEST WITNESSED BY Bill Morton
35. LIST OF ATTACHMENTS DLL w/RXO, CNL FDC BHC Acoustic, Deviation Survey C-104					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <i>C. H. Harnett</i>		TITLE District Engineer		DATE 3-18-80	

(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 23, 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.
Queen	4184'	4218'	15 min. preflow, 1 HR ISI, 1 HR FF, 3 HR FSI open on preflow w/weak blow inc. to fair blow. Final flow had good blow. No gas rec 1767' of mud & wtr. sampler 100# 500 cc mud & wtr. IH 2366#; If 131-431#, ISI 1534#, FF 470-890, FSI 1521# FH 2366#.
Queen	4939'	4990'	If 15 min, weak to fair blow, ISI 1 HR, FF 1 HR weak to fair blow no gas FSI 1.5 HR rec 723' of drlg. mud IH 3032#, IF68-160#, ISI 2153# FF 183-434#, FSI 2131#, FH 3021# Sampler 3# rec 50 cc drlg. mud.
Wolfcamp	9234'	9322'	15 min preflow, weak blow, ISI 1 HR, 1 HR FF, weak blow, 3 HR FSI. Rec 115' wtr. & 5' oil. IH 4261#, IF 72#, ISI 3518#, FF 85#, FSI 3645# FH 4282# sampler 10#, rec 1500 cc wtr.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Salt	1510	-
Tansill	2775	-
Yates	3050	-
Queen	4165	-
Grayburg	5100	-
San Andres	5280	-
Bone Spr.	9005	-
Wolfcamp	10482	-
Strawn	11970	-
Atoka	12485	-
Morrow	12740	-
Miss.	13540	-

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OIL CONSERVATION DIV.

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