

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions 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 021422	
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 Shell Oil Company		7. UNIT AGREEMENT NAME Antelope Ridge Unit	
3. ADDRESS OF OPERATOR P. O. Box 1509, Midland, Texas 79701		8. FARM OR LEASE NAME Antelope Ridge Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FNL & 2310' FEL, Sec. 4, T24S, R34E, NMPM At top prod. interval reported below At total depth Same		9. WELL NO. 4	
14. PERMIT NO.		DATE ISSUED 9-28-72	
15. DATE SPUDDED Deepen 10-6-72		16. DATE T.D. REACHED 1-3-73	
17. DATE COMPL. (Ready to prod.) 1-24-73		18. ELEVATIONS (DE, RKB, RT, GR, ETC.)* 3562 DF	
20. TOTAL DEPTH, MD & TVD 13,320		21. PLUG, BACK T.D., MD & TVD PB 13,231	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 11646-13320	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Morrow 12,759-13,208		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated/Neutron/Formation/Density		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
11 3/4"	42#	815'	15"
8 5/8"	32#	5,167'	11"
5 1/2"	15.5#, 17#, 20#	12,005'	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
530 sx			
400 sx			
500 sx			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
3 1/2"	11,296	13,310	150 sx
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 1/2"	11,296		
31. PERFORATION RECORD (Interval, size and number)			
1 JSPF 12,759-13,208 (22 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
12,759-13,208		2000 gal. CSG acid	
33.* PRODUCTION			
DATE FIRST PRODUCTION 1-24-73		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 2-1-73		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.
600			14
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	GAS—MCF.
			627
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		WATER—BBL.	
		0	
		OIL GRAVITY-API (CORR.) 55.1	
35. LIST OF ATTACHMENTS Sold		TEST WITNESSED BY B. D. Alexander	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED James E. Sullivan		A. E. Cordray	
		TITLE Staff Engineer	
		DATE 3-28-73	

*(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.), formations 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	TOP	TRUE VERT. DEPTH
							