

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-01119	
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 Exxon Corporation ✓				7. UNIT AGREEMENT NAME ---	
3. ADDRESS OF OPERATOR P. O. Box 1600, Midland, Texas 79702				8. FARM OR LEASE NAME Yates C Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310' FSL and 2310' FEL of Section At top prod. interval reported below At total depth				9. WELL NO. 18	
14. PERMIT NO. _____ DATE ISSUED 7-7-83				10. FIELD AND POOL, OR WILDCAT Avalon (Delaware)	
15. DATE SPUDDED 9-15-83 16. DATE T.D. REACHED 9-27-83 17. DATE COMPL. (Ready to prod.) 10-17-83				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31-20S-28E	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* KB-3245'; GL-3233'				12. COUNTY OR PARISH Eddy	
20. TOTAL DEPTH, MD & TVD 3885'				13. STATE New Mexico	
21. PLUG, BACK T.D., MD & TVD 1				19. ELEV. CASINGHEAD	
22. IF MULTIPLE COMPL., HOW MANY* _____				23. INTERVALS ROTARY TOOLS DEULFO RE RECEIVED 033885'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3630-3640' Delaware				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNLD; NGT; DLL-RXO; EPT; Dipmeter				27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
13 3/8"		48#	593'	17 1/2"	700 sx C1 C
8 5/8"		24#	2491'	11"	925 sx C1 C
5 1/2"		14#	3876'	7 7/8"	150 sx BJ Lite; 375 sx C1 C
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"	3666'				
31. PERFORATION RECORD (Interval, size and number) 3630-3640' w/11 shots					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
3630-3640'			1100 gals 15% HCl		
			29400 gals 75% qual foam and		
			34000# 10-20 sand		
33.* PRODUCTION					
DATE FIRST PRODUCTION 10-2-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump - 2"			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 10-20-83	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 81	GAS—MCF. 56
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL. 344
					GAS-OIL RATIO 693
					OIL GRAVITY-API (CORR.) 41.3
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					
35. LIST OF ATTACHMENTS					

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

SIGNED Melba Knippling TITLE Unit Head
ROSWELL, NEW MEXICODATE October 28, 1983

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware Sand	2351'		Sandstone, dolomite, sand	Delaware Sand	2531'	