

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*

Form approved  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

**RECEIVED** (See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.  
**NMNM 01119**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**AVALON (DELAWARE) UNIT**

8. FARM OR LEASE NAME  
**AVALON (DELAWARE) UNIT**

9. WELL NO.  
**520**

10. FIELD AND POOL, OR WILDCAT  
**AVALON DELAWARE 3715**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**SEC 31, T20S, R28E**

12. COUNTY OR PARISH  
**EDDY**

13. STATE  
**NM**

18. ELEVATIONS (DF, RKB, RT, GR ETC.)\*  
**3253 KB, 3252 DF**

19. ELEV. CASINGHEAD

25. WAS DIRECTIONAL SURVEY MADE  
**NO**

27. WAS WELL CORED  
**NO**

**RECEIVED**

**APR 01 1986**

**OIL CON. DIV. DIST. 2**

**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  
**EXXON CORPORATION ATTN: REGULATORY AFFAIRS**

3. ADDRESS OF OPERATOR  
**P. O. BOX 1600  
MIDLAND, TX 79702**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
**1388' FNL & 2750' FWL**  
At surface  
At top prod. interval reported below  
At total depth

14. PERMIT NO. **3001528664** DATE ISSUED **09/07/95**

15. DATE SPUDDED **11/28/95** 16. DATE T.D. REACHED **02/07/96** 17. DATE COMPL. (Ready to prod.) **02/13/96**

20. TOTAL DEPTH, MD & TVD **3782** 21. PLUG, BACK T.D., MD & TVD **3704** 22. IF MULTIPLE COMPL., HOW MANY\*

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
**2590-3628 DELAWARE**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**DENSITY NEUTRON, FMI, MDT, CMR-EPT, AIT-MICRO**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB. FT	DEPTH SET (MD)	HOLE SIZE	CEMENT LOG	AMOUNT PULLED
<b>16</b>	<b>LINE PIPE</b>	<b>55</b>	<b>20</b>	<b>40 CU FT REDIMIX</b>	
<b>10-3/4</b>	<b>40.5</b>	<b>635</b>	<b>14-3/4</b>	<b>515 SX C</b>	
<b>7-5/8</b>	<b>26.4</b>	<b>2453</b>	<b>9-7/8</b>	<b>350 SX C, 400 SX POZ</b>	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
<b>4-1/2</b>	<b>2243</b>	<b>3781</b>	<b>231 SX</b>		<b>2-3/8</b>	<b>3499</b>	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SHOTS	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>2590-2598</b>	<b>9 SHOTS (3-1/8 GUN 1 SPF)</b>	<b>2590-2700</b>	<b>ACID W/150 GAL 15% HCL; FRAC</b>
<b>2628-2660</b>	<b>33 SHOTS (3-1/8 GUN 1 SPF)</b>	<b>W/25000 GAL</b>	<b>+ 48882# 12/20 SAND</b>
<b>2674-2700</b>	<b>27 SHOTS (3-1/8 GUN 1 SPF)</b>	<b>3560-3628</b>	<b>ACID W/150 GAL 15% HCL; FRAC</b>
<b>3560-3596</b>	<b>37 SHOTS (3-1/8 GUN 1 SPF)</b>	<b>W/14600 GAL</b>	<b>+ 27374# 12/20 SAND</b>
<b>3614-3628</b>	<b>15 SHOTS (3-1/8 GUN 1 SPF)</b>		

33.\* PRODUCTION  
DATE FIRST PRODUCTION **02/16/96** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **ROD PUMP 1.5** WELL STATUS (Producing or shut-in) **PROD**

DATE OF TEST **02/28/96** HOURS TESTED **24** CHOKER SIZE \_\_\_\_\_ PROD. FOR TEST PERIOD \_\_\_\_\_ OIL---BBL. **33** GAS---MCF. **31** WATER---BBL. **187** GAS-OIL RATIO **939**

FLOW. TUBING PRESS. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_ CALCULATED 24-HOUR RATE \_\_\_\_\_ OIL---BBL. \_\_\_\_\_ GAS---MCF. \_\_\_\_\_ WATER---BBL. \_\_\_\_\_ OIL GRAVITY-API (CORR.) \_\_\_\_\_

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)  
**SOLD**

35. LIST OF ATTACHMENTS  
**LOGS, C104**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Julie H. Mitchell TITLE **Staff Office Assistant** DATE **MAR 26 1986**  
**88-3**  
**TEST WITNESSED BY**  
**688-7888**  
**CAR/SBAL**  
**03/08/96**

\*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
T. DELAWARE	2505	3780	CONTENTS OIL  LITHOLOGY RECORD: 0-500 CARBONATE 500-600 ANHYDRITE 600-2505 CARBONATE 2505-3780 SAND			