

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
**P O. Box 2088**  
**Santa Fe, New Mexico 87504-2088**

WELL API NO.  
**3001528662**

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
**L-324-2**

7. Lease Name or Unit Agreement Name  
**AVALON (DELAWARE) UNIT**

8. Well No.  
**626W**

9. Pool name or Wildcat  
**AVALON DELAWARE 3715**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORMC-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
OIL ☐ GAS ☐ **X OTHER INJECTOR**

2. Name of Operator  
**EXXON CORPORATION**

3. Address of Operator **ATTN: REGULATORY AFFAIRS ML#14**  
**P. O. BOX 1600**  
**MIDLAND, TX 79702**

4. Well Location  
Unit Letter **E** : **2658** Feet From The **SOUTH** Line and **1127** Feet From The **WEST** Line  
Section **32** Township **20S** Range **28E** NMPM **EDDY** County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
**3208' GR**

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG & ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: **AFTER WORKOVER** ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

**A MECHANICAL INTEGRITY TEST WAS PERFORMED ON 4/10/97 AFTER WORKOVER TO  
CONFIRM REPAIRS. ORIGINAL CHART IS ATTACHED.**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

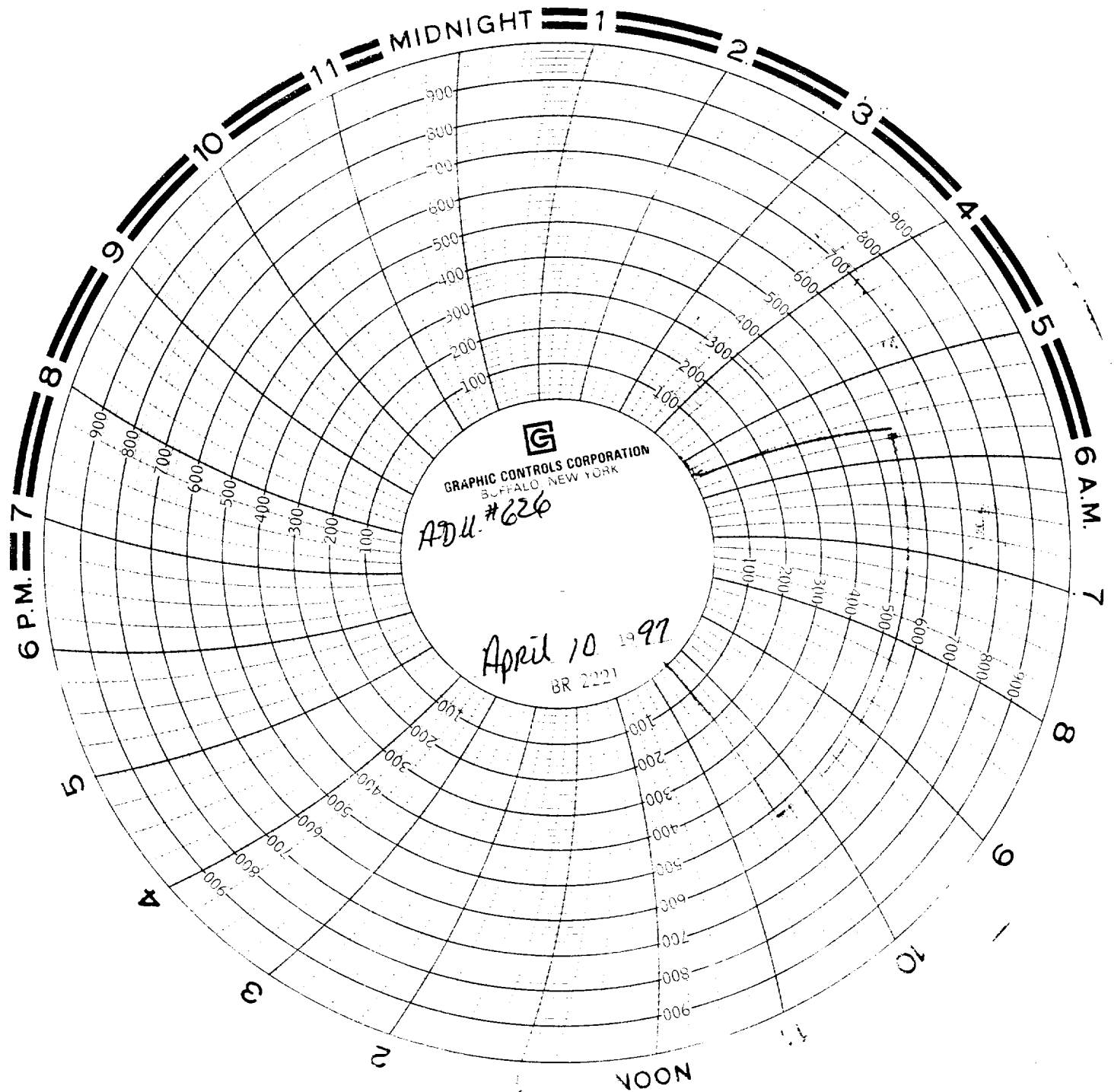
SIGNATURE Karen Yarbrough TITLE Sr Staff Office Assistant DATE 04/29/97

TYPE OR PRINT NAME Karen Yarbrough (915) 688-7871 TELEPHONE NO.

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR TITLE \_\_\_\_\_ DATE MAY 05 1997

CONDITIONS OF APPROVAL, IF ANY:



DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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**P O. Box 2088**  
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WELL API NO.  
**3001528662**

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
**L-324-2**

7. Lease Name or Unit Agreement Name  
**AVALON (DELAWARE) UNIT**

1. Type of Well:  
OIL ☐  
WELL ☐

GAS ☐  
WELL ☐

X OTHER INJECTOR

2. Name of Operator

**EXXON CORPORATION**

3. Address of Operator

**ATTN: REGULATORY AFFAIRS ML#14  
P. O. BOX 1600  
MIDLAND, TX 79702**

8. Well No.  
**626W**

9. Pool name or Wildcat

**AVALON DELAWARE 3715**

4. Well Location

Unit Letter **E** : **2658** Feet From The **SOUTH** Line and **1127** Feet From The **WEST** Line

Section **32** Township **20S** Range **28E** NMPM **EDDY** County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
**3208' GR**

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**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
FULL OR ALTER CASING ☐  
OTHER: **RUN STEP RATE TESTS; FRAC.** ☒

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG & ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

**PAGE 1 OF 2 - NOTIFY ARTESIA DIST. OFFICE 24 HRS. BEFORE RUNNING STEP RATE TESTS ON CHERRY CY. & BRUSHY CY. PERFS.**  
**-PULL TBG. & PKR.; SET PKR. @ 2700'; RUN STEP RATE TEST ON BRUSHY CY. (3666'-3711') RUN 15 MIN. STEPS IN 50 BBL. INCREMENTS STARTING @ 300 BPD RATE.**  
**-SET PLUG @ 2700'; RUN STEP RATE TEST ON U. CHERRY CY. (2532'-2630') TEST SAME AS ON BRUSHY CY.**  
**-PULL PLUG & PKR.; SET PKR. @ 2566'; SPOT 3 BBLS HCL. & FRAC. W/ APPROX. 10,500 GAL. + 21,200 #16/30 SD. (2532'-2551').**  
**-PULL PKR.; INSTALL SINGLE STRING OF TUBING W/ SIDE POCKET MANDRELS (SEE ATTACHED DIAGRAM); TEST PKRS. TO 600 PSI., NOTIFY ARTESIA DIST. OFFICE 24 HRS. BEFORE TEST.**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Alex M. Correa* TITLE **Sr. Regulatory Specialist** DATE **01/20/97**

TYPE OR PRINT NAME **Alex M. Correa** (915) 688-6782 TELEPHONE NO.

(This space for State Use)

**ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR**

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE **JAN 22 1997**

CONDITIONS OF APPROVAL, IF ANY:

DISTRICT I  
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## OIL CONSERVATION DIVISION

P O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO. <b>3001528662</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>L-324-2</b>

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORMC-101) FOR SUCH PROPOSALS.)		7. Lease Name or Unit Agreement Name <b>AVALON (DELAWARE) UNIT</b>
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> <b>X OTHER INJECTOR</b>	8. Well No. <b>626W</b>	
2. Name of Operator <b>EXXON CORPORATION</b>	9. Pool name or Wildcat <b>AVALON DELAWARE 3715</b>	
3. Address of Operator <b>ATTN: REGULATORY AFFAIRS ML#14 P. O. BOX 1600 MIDLAND, TX 79702</b>		
4. Well Location Unit Letter <b>E</b> : <b>2658</b> Feet From The <b>SOUTH</b> Line and <b>1127</b> Feet From The <b>WEST</b> Line Section <b>32</b> Township <b>20S</b> Range <b>28E</b> NMPM <b>EDDY</b> County		
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>3208' GR</b>		

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### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: **RUN STEP RATE TESTS; FRAC.** ☒

### SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG & ABANDONMENT ☐  
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OTHER: ☐

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PAGE 2 OF 2

-APPLICATION TO INCREASE INJECTION PRESSURE WILL BE SUBMITTED TO DIV. OFFICE BASED ON STEP RATE TEST DATA.  
-UPON APPROVAL TO INCREASE INJECTION PRESSURE THE FLOW REGULATORS WILL BE INSTALLED TO ALLOW INJECTION TO BE CONTROLLED INTO THE CHERRY CY. AND/OR THE BRUSHY CY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE **Sr. Regulatory Specialist** DATE **01/20/97**

TYPE OR PRINT NAME **Alex M. Correa** (915) 688-6782 TELEPHONE NO.

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

# WELLBORE SKETCH AND WELL HISTORY *ADU #626*

ELEV.: KB: \_\_\_\_\_

ABOVE

GL

Lease & Well Name: ADU-2220

Field: Avalon Delaware Unit

Location:

Eddy County, New Mexico

Date: 2/8/96 By: T.J. Wheeler

Hole Size

17-1/2

TOC:

Surface

## Casing Record

### Surface Casing

OD	WT/Wt	Grade	Set @
10-3/4"	40.5#	K55	641'

### Intermediate Casing

7-5/8"	28.4#	K-55	2459'
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### Production Liner

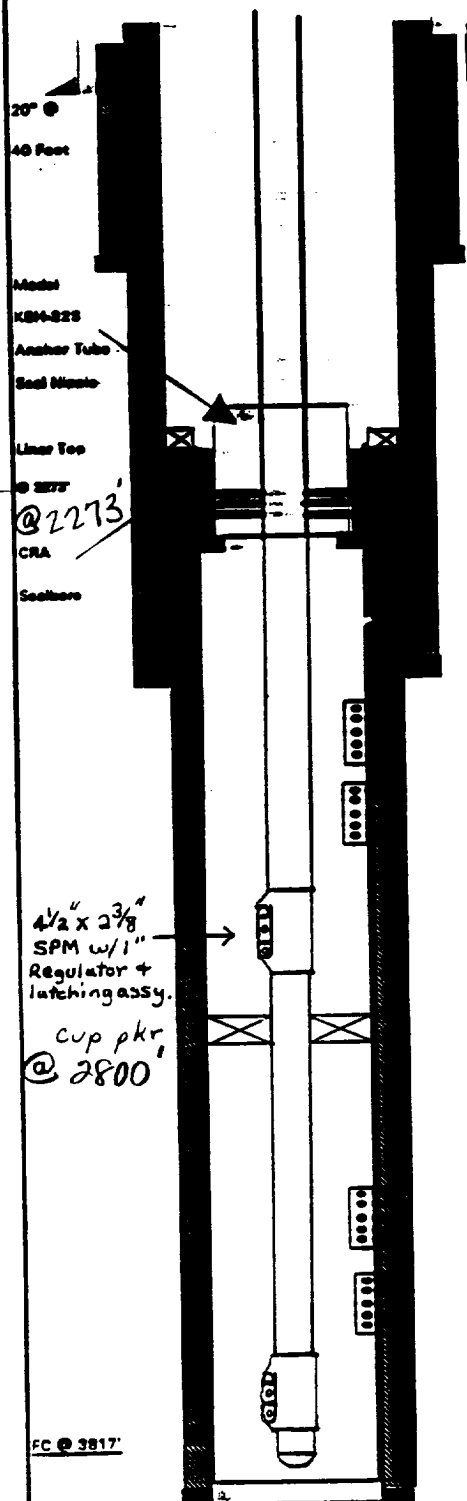
4-1/2"	5.34#	FG	2273-3847
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### Tubing

Type 2-3/8" PE Lined Tubing

## WELL HISTORY

Nov-95 D&C well.



10 3/4" @ 641'

CMT 515 Sx

Circ 96

Hole Size 9-7/8"

TOC: Surf

7-5/8" @ 2459'

CMT 895 Sx

Circ 37

Hole Size 6-3/4"

TOC: 2273' (CIRC)

### Perfs

#### Upper Cherry Canyon

2532-51	
2572-91	(1 SPF)
2684-30	0 Degree

#### Middle Brushy Canyon

3666-88	(1 SPF)
3782-11	0 Degree

4 1/2 x 2 3/8  
SPM w/ 1"  
Regulator +  
latching assy.

cup pkr  
@ 2800'

FC @ 3817'

FS @ 3847'

### MARKER JOINTS

2811'-25' 3507'-21'

TD: 3849'

4-1/2" Liner @ 3847'

CMT 315' Sx

Circ Full Returns

PBTD: 3770' (Proposed)

*Proposed Single String  
Design with side pocket  
mandrels and flow regulators.*