

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.

30-015-24653

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil &amp; Gas Lease No.

NM01119

7. Lease Name or Unit Agreement Name  
Avalon (Delaware) Unit

8. Well Number 210

9. OGRID Number 007673

10. 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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Exxon Mobil Corporation

3. Address of Operator

P O Box 4358; CORP, MI-203; Houston, TX. 77210

4. Well Location

Unit Letter I : 990 feet from the N line and 990 feet from the W line  
Section 30 Township 20S Range 28E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3295 GR

## 12. 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 ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☒  
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

07/23/10 – Notified Phil Hawkins with NMOCD. MIRU.

07/26/10 – Found hole in 8 5/8" csg at surf. ND WHE &amp; NU BOP. Test BOP. Tagged TOC with tbg @ 2491'.

07/27/10 – Circulate 100 bbl's of plugging mud. Placed 25 sx cmt plug from 2491' to 2244'. RU W/L &amp; tagged TOC @ 2110'. Perf csg @ 700'. RD W/L. Set pkr @ 218'. Established circulation and cement squeezed with 55 sxs.

07/28/10 – Tagged TOC @ 430' &amp; contacted Phil Hawkins with NMOCD. RU W/L &amp; perf csg @ 200'. RD W/L. Mechanically cut the 5 1/2" csg @ 1' BGL. ND BOP &amp; recovered the cut csg.

07/29/10 – Cut the 8 5/8" csg 3' BGL. Circ BW @ 15'. Bubbling between the 8 5/8" &amp; 5 1/2" annulus. Contacted NMOCD. Cut 5 1/2" csg at 400'. Recovered cut csg.

07/30/10 – Cut 8 5/8" @ 400'. Unable to pull free. Cut 8 5/8" at 390'. Unable to pull free.

08/02/10 – RU W/L &amp; ran CBL. CBL indicates TOC @ 362'. RD W/L. Attempt to recover cut csg – no success. Cut 8 5/8" csg @ 312'. Recovered cut csg.

08/03/10 – Set pkr @ 221'. Csg would not test. Notified Phil Hawkins with NMOCD. Tagged cmt @ 430'. Placed 20 sxs cmt plug from 430' to 276'. Set pkr @ 221' and could not get a test.

08/04/10 – Set pkr @ 126'. Notified Phil Hawkins with NMOCD. Rls pkr &amp; tagged cmt @ 273'. Placed 90 sx cmt plug from 273' to surface. Washed out to 60' &amp; set pkr @ 60'. Cement sqz placing cmt to 169'.

08/05/10 – Tagged cmt @ 163'. Placed 70 sx cmt plug from 163' to Surface. RDMO.

10/18/10 – Utilized backhoe to dig out well. Welder cut back the 20" to expose the 13 3/8" casing.

10/22/10 – Weld on 13 3/8" WH &amp; NN 10" BOP.

10/27/10 – MIRU.

10/28/10 – NU Annular Preventer and test BOPE. Leaking from below GL.

10/29/10 – Dug our cellar and found bull plug missing from WHE. Replaced same and tested BOPE to 150 psi – good test. Drilled 88' of cement. SWIFN.

11/01/10 – Drlg cmt w/ 7 7/8" bit from 88' to 209'. SWIFN.

11/02/10 – Drlg cmt w/ 7 7/8" bit from 209' to 308'. Trip pipe and GIH with 4 3/4" bit. SWIFN

11/03/10 – Drlg cmt w/ 4 3/4" bit from 308' to 524'. SWIFN.

11/04/10 – Drlg cmt from 524' to 598'. St 8 5/8" pkr @ 30'. SWIFN.

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NMOCD ARTESIA

# AVALON DELAWARE UNIT 210

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11/05/10 - LD 8 5/8" pkr and set 5 1/2" pkr @ 406'. Obtained good csg test at 500 & 1500 psi. RU WL and tagged TOC @ 594'. Perf 5 1/2" csg @ 589' & RD WL. No injection rate @ 1500 psi. Left pressure on tubing overnight & SWIFN. Notified Darold Gray, NMOCD concerning Injection Rate.

11/08/10 - SITP = 0 psi. Unable to inject @ 1500 psi. RU WL & Perf 5 1/2" csg again @ 589'. RD WL. Unable to inject @ 1500 psi. SWIFN.

11/09/10 - Recover pkr. RU WL & perf 5 1/2" csg again at 589'. RD WL. Unable to inject @ 1500 psi. SWIFN.

11/10/10 - RU WL & perf 5 1/2" csg again at 589'. RD WL. Unable to inject @ 1500 psi. Set pkr @ 406' & unable to obtain injection rate @ 1500 psi. Recover pkr and set a 25 sx Cl "C" balanced cement plug from 589' to 342'. SWIFN.

11/11/10 - Tagged cement @ 299'. RU WL & Perf 5 1/2" csg again @ 299'. RD WL. Set pkr @ 199' & established injection rate of 1 BPM @ 1000 psi. Squeezed as follows per discussion with Phil Hawkins, NMOCD. Cement sqz with 60 sxs Cl "C". SWIFN.

11/12 to 11/14/10 - WOC.

11/15/10 - Csg still bubbling. Rls pkr & tagged TOC @ 240'. Reset pkr @ 30'. Small bubbling on csg by csg annulus. LD pkr & NU spool & flange on top of BOP. SWIFN. Notified Phil Hawkins with the NMOCD.

11/16/10 - Tagged TOC @ 240' & perf at 237'. Unabl to inject @ 1600 psi. SWIFN.

11/17/10 - Test lubricator & perf 5 1/2" csg @ 237'. Inj rate = 2 BPM @ 700 psi. SWIFN.

11/18/10 - Notified Phil Hawkins, NMOCD about Intent to Cement. Cement squeezed perfs with 160 sxs Cl "C". SWIFN.

11/19/10 - Obtained Injection Rate. Left message on phone of Randy Dade, NMOCD. Cement squeezed perfs with 800 sxs as follows: 100 sxs Matrix, 600 sxs C neat followed with 100 sxs Matrix. SWIFWE.

11/22/10 - SITP = vacuum & SICIP = 15 psi. Retrieved pkr. Tagged TOC @ 204'. SI BOP and test csg to 380 psi for 1/2 hr. - Good Test. Darold Gray, NMOCD, on location in PM and provided an update. SWIFN.

11/23/10 - SITP = 0 & SICIP = 0. Small bubbles. Replaced gauge to 30 psi & SWI monitoring same. SIP = 8 psi during the day. SDFN.

11/24/10 - SIP = 16 psi. SDFN.

11/29/10 - SICIP = 11 psi & SITP = 22 psi. ND BOP. Well is bubbling from the 13 3/8" csg. NU BOP & test same. SDFN.

11/30/10 - SICIP = 24 psi. ND BOP. NU BOP & test same. SDFN.

12/01/10 - SIP = 21 psi. Blew down. SWI.

12/02/10 - SITP = 6 & SICIP = 8 psi. Spot tanks and fill with 2% KCL. SSFN.

12/03/10 - Jet cut 8 5/8" & 13 3/8" csg's @ 170', 140' & 100'. SDFN.

12/04/10 - SITP = Vac. Pressured up on 8 5/8" csg to 300 psi - lost 140 psi in 20 minutes. Very few gas bubbles. Spot 35 sxs of Cl "C" Neat cement from 204' to 70'. Applied 50 psi & SWIFN.

12/06/10 - SICIP = 18 psi. Blew down, still bubbling. Tagged TOC @ 30'. SWIFN.

12/07/10 - SICIP = 4 psi. Blew down. Drill out cmt from 30' to 66'. SWIFN.

12/08/10 - SICIP = 10 psi. Bled down. Drill out cmt from 66' to 156'. SWI.

12/10/10 - SICIP = 0 PSI. Jet cut tbg @ 194' & 76'. Spot 37 sxs Cl "C" + 2\$ CaCl from 194' to 55'. Set pkr @ 20' & apply pressure for 1/2 hr. SWI.

12/13/10 - SICIP = 4 psi & SITP = 0. Recovered pkr & tagged TOC @ 39'. Monitored well. SWIFN. NMOCD Rep, Phil Hawkins approved the monitoring of this wellbore until January 31, 2011.

12/14/10 - SICIP = 1/2 psi. RDMO. Monitoring wellbore.

02/10/11 - Meeting with NMOCD, Sante Fe. NMOCD approved the operator to obtain a gas sample and monitor the well for pressure build up for 6 months. If 0 psi after 6 months is observed, plugging will commence. Otherwise, an additional meeting will be held.

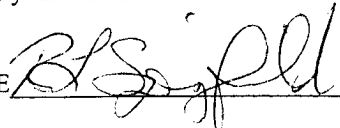
Wellbore is under observation for pressure monitoring.

Future work to finish this P&A will be performed by a separate approved NOI Sundry Notice.

Spud Date:

Rig Release Date:

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 02/15/2011

Type or print name Roy L. Springfield E-mail address: roy.l.springfield@exxonmobil.com PHONE: 281-654-1932

**For State Use Only**

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

Conditions of Approval (if any):

*Accepted for record*  
 8/16/2011  
 NMOCD only  
 This Well is NOT P/A, monitor for 6 months.

Well: Avalon Ut 210  
Wellbore: Avalon Ut 210

Reference Datum: 3,302.00ft. KB - must be OTH!  
Working Elev: - must match above!  
Wellbore Elev: ft - must match above!

Exxon

## Well Information

Regulatory Well Name	Well Identifier	License #	Lease	Field Name	Country
Avalon (Delaware) Unit 210	3001524653	AVA	Avalon (delaware) Unit	Avalon	United States
Well Utility	Product Class	Well Status	Original KB Elevation (ft)	Well Spud Date/Time	High H2S?
Producer	Oil	Shut-In	3,302.00	12/9/1983	

