

**“Leasing and Drilling on State Owned Lands”, Nathan S Bennett, Sr.  
Geologic Scientist, DCNR, Bureau of Forestry, Minerals Section, 11-19-  
09**

**Unanswered Questions during the Webinar**

1. What about road bonding?

Answer: Someone asked earlier about this. Yes - operators are required to bond the roads they use during operations. It should be noted that the amount of the bond is dependent on the type of road being used (i.e., DSA, haul road, etc.). The only exception is those roads contained within the lease tract are not required to be bonded; this is covered by the performance bond held by the Department, pursuant to the lease agreement.

2. What has been the production from deep wells?

Answer: Mr. Herzog should contact the Bureau of Forestry-Minerals Section for more information regarding this question. Please note, there are currently three (3) producing Marcellus wells on State Forest lands - one (1) vertical and two (2) horizontals. Production information for the horizontal wells is not yet available as these wells were just recently completed. It should be noted that Marcellus wells are not considered "deep" by DCNR and/or DEP as this horizon is above the defining Onondaga Limestone.