**Equivalent Circulating Density (ECD), ppg**

Case : annular pressure loss = 200 psi  
 true vertical depth = 10,000 ft  
 mud weight = 9.6 ppg

ECD(ppg) = 200 psi ÷ 0.052 ÷ 10,000 ft + 9.6 ppg

= 10.0 ppg

**Maximum Allowable Mud Weight from Leak off Test Data**

Case : Leak-Off Test pressure = 1,140 psi  
 casing shoe TVD = 4,000 ft  
 mud weight = 10.0 ppg

ppg = 1140 psi ÷ 0.052 ÷ 4,000 ft + 10.0 ppg

= 15.48 ppg