Math 105.04 Fall 2003 Row Reduction

Write the following matrix in row-reduced echelon form.

$$\begin{bmatrix}
0 & -3 & -6 & 4 & 9 \\
-1 & -2 & -1 & 3 & 1 \\
-2 & -3 & 0 & 3 & -1 \\
1 & 4 & 5 & -9 & -7
\end{bmatrix}$$