Summary

From shows, log response and fluid samples it is interpreted that >90 feet of hydrocarbons were discovered by the Macondo well, the majority occurring in the M56D (22°) and M56E (64.5°) sands. Porosity averages 22%, Sw averages 10 - 17% and permeability averages in the range of 250 - 500 mD (arithmetic, log derived). Permeability was calculated using a porosity-permeability transform based on Macondo well rotary side wall core data analysis.