KEY ENERGY Exhibit #11

Petrophysical Methodology

- Calculated total porosity from Haliburton Energy Services Density Neutron cross plot chart CPdsnII-1b RhoF = 1.0 g/cc.
 - PHIA curve
- Calculated shale volume from GR with Steiber correction.
 - Vshl = (GR-GRcln) / (GRshl-GRcln)
 - Vshl Steiber = 1.7 (3.38 (Vshl+0.7)^2)^0.5
- Calculated Effective Porosity from following equation.
 - PHIE = PHIA * (1- Vshl Steiber)
- Calculated porosity using Modified Simandoux
 - SwMS curve
- Calculated Permeability with Coates Equation.
 - K_coates = (70 * PHIE^2 * (1- SwIrr)/SwIrr)^2
 Where; SwIrr is 40%
- Cut off used were as follows:
 - V Shale (Shale Volume from GR) cut off was 40%
 - Effective Porosity PHIE (Effective Porosity) cut off was 9%
- Constant Parameters;
 - Rw = .05 at formation Temperature
 - A=1, M = 2, N = 2
- Hierarchy is as follows for nomenclature;
 - Gross Sand (Vshale < Cut Off 40%)
 - Net Sand (Vshale < Cut Off 40% and PHIE > Cut Off 9%)