

lowest plausible $R_w = .1e$ $52.4^\circ C$
 $R_{100\% \phi} = R_w e^{midpt BHT}$
 $\therefore R_w = 0.236 \Omega m^2 @ 52.4^\circ C$ (Equivalent to .2 @ 63°C per ARP's)

Figure 3

Picket Plot (Log R+ vs log ϕ)

- ϕ = NDPHI (shale and hydrocarbon corrected)
- R_t = results of small slant tomado plot using borehole corrected LLS, LLD and MSFL as input
- Constraints on input of data from zone 1299-1381M, Iona no1
 - * Archie $S_w \geq .70$
 - * Sofi Fm Vshale GR $\leq .30$
 - * $\phi \geq .07$

Mid point BHT = $52.4^\circ C$

