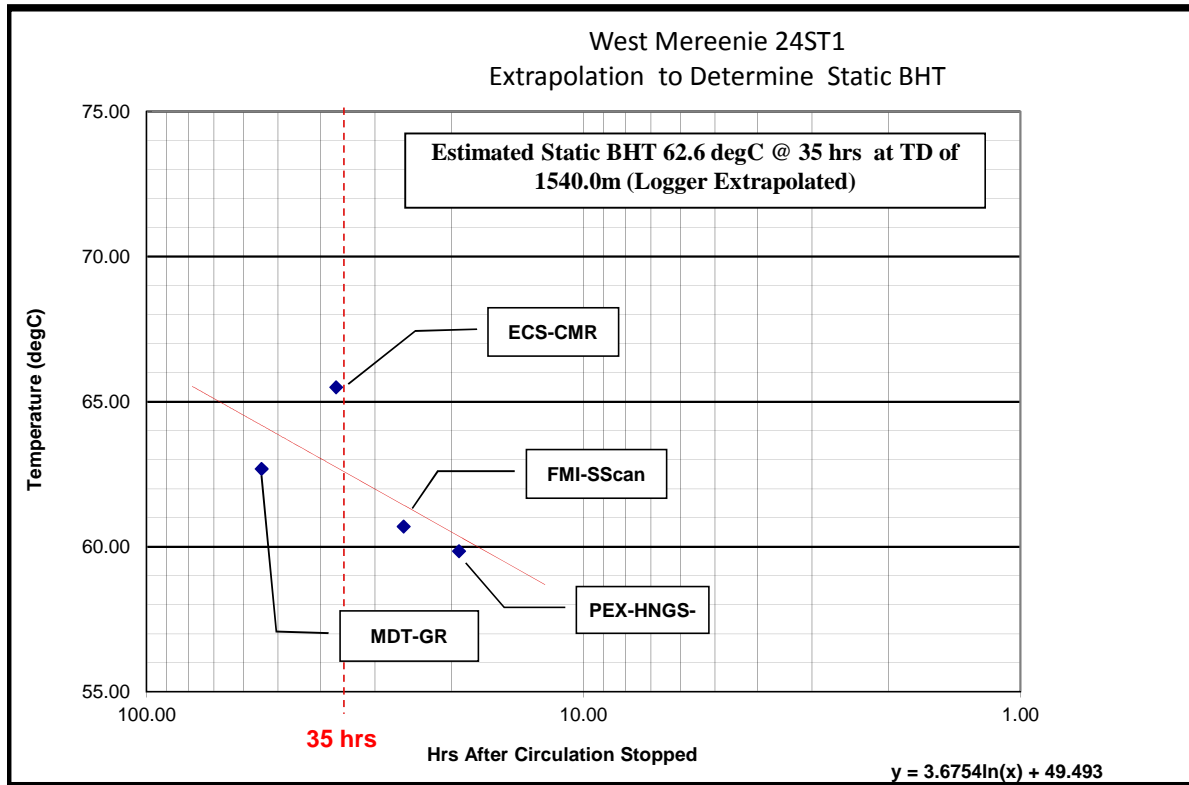


APPENDIX V: GEOTHERMAL GRADIENT

An extrapolated static Bottom Hole Temperature of 62.6°C at 1540.0m (L) and a geothermal gradient of 27.1°C /km was calculated from the down hole temperatures recorded during logging operations on West Mereenie 24ST1.

	Max Recorded Temp (degC)	Depth Recorded (m)	Time Since Circulation. (hrs)	Total Depth (m)	Estimated BHT (degC)
Run 1	59.0	1506.2	19.25	1540.0	59.85
Run 2	60.0	1513.1	25.75	1540.0	60.69
Run 3	65.0	1522.9	36.75	1540.0	65.49
Run 6	61.1	1481.5	54.50	1540.0	62.68



STATIC BHT @ 35 hrs	62.6	°C	@	1540	m
SURFACE TEMP.	21	°C	@	5	m
Geothermal Gradient for Suite 2	27.08	°C/km			

