

2.2 Run 2

2.21 RW Calculation

RW was calculated using the SP log, and zoned as follows:

1425.5 - 1495	m	0.154	ohm m
1495 - 1785.5	m	0.132	ohm m
1853.5 - 2060	m	0.75	ohm m
2135 - 2925	m	0.10	ohm m

2.22 Porosity Calculation

Only the sonic log was available for porosity calculation. Values were calculated using the Whyllie Time Average Equation. A compaction factor was not applied to the values.

2.23 RT Calculation

RT was thought to equate to RILD through most zones, and RILD was assumed as RT.

2.24 V Shale Calculation

V Shale was calculated using GR as an indicator.

2.25 Values of a, m & n

Standard values of a, m & n were used (0.8, 2 & 2 respectively).

2.26 SW Calculation

SW was calculated using many techniques, (Archie, Indonesian Equation, Ratio Method) all zones appear to be 100% water saturated.