

277078

AUSTRALIA KOORKAH - 1  
POROSITY AND WATER SATURATION PARAMETERS

SUMMARY OF IMPORTANT CONSTANTS USED AND/OR COMPUTED IN THIS ANALYSIS

ZONE NUMBER	=	4.
ZONE TOP	=	7378. (2248.8 METERS)
ZONE BOTTOM	=	8328.5 (2536.1 METERS)
SW	EQUATION NO.	6.
	FORMATION FACTOR -A-	1.
	CEMENTATION EXPONENT -M-	9.
	WATER SATURATION EXPONENT -N-	2.
	FORMATION WATER RESISTIVITY -RW-	8.1588
	TEMP. OF FORM. WATER RESISTIVITY	166.
	SXO-SW**X WHERE X	1.
	SWB-VSH**Y WHERE Y	8.9888
	AVG. MEAN SURFACE TEMP.	58.
***	FORMATION TEMPERATURE	171.1383
***	TEMPERATURE GRADIENT DEG/100 FT.	1.5432
***	RW AT FORMATION TEMPERATURE	8.1457
***	RMF AT FORMATION TEMPERATURE	8.3249
POROSITY	MODEL	2.
	MAXIMUM POROSITY	8.3588
	COMPUTE SECONDARY POROSITY?	8.
	MINERAL 1-----MATRIX DENSITY	2.6588
	MINERAL 1-----HYDROGEN INDEX	8.
	MINERAL 1-----TRANSIT TIME	55.7888
	MINERAL 2-----MATRIX DENSITY	2.9888
	MINERAL 2-----HYDROGEN INDEX	8.
	MINERAL 2-----TRANSIT TIME	58.
	MUD FILTRATE DENSITY	1.
***	MUD FILTRATE SALINITY	8897.7385
***	MUD FILTRATE DENSITY	1.8857
***	MUD FILTRATE HYDROGEN INDEX	8.9975
	HYDROCARBON DENSITY	1.
***	HYDROCARBON HYDROGEN INDEX	1.
	FLUID TRANSIT TIME	189.
BAD HOLE CONSTANTS	MAXIMUM HOLESIZE	14.2588
	MAXIMUM DENSITY CORR.	8.1588
	SONIC LIMIT?(1=YES)	1.
	DELTA T AT 8 POROSITY	8.
	DELTA T AT 28% POROSITY	8.
	DELTA T MATRIX	55.7888
	DELTA T FLUID	189.