

277081

AUSTRALIA KOORKAH - 1  
POROSITY AND WATER SATURATION PARAMETERS

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

ZONE NUMBER	=	5.	
ZONE TOP	=	8321. (2536.3 METERS)	
ZONE BOTTOM	=	18288. (3133.4 METERS)	
SW	EQUATION NO.	=	1.
	FORMATION FACTOR -A-	=	1.
	CEMENTATION EXPONENT -M-	=	9.
	WATER SATURATION EXPONENT -N-	=	2.
	FORMATION WATER RESISTIVITY -RW-	=	8.3888
	TEMP. OF FORM. WATER RESISTIVITY-	=	198.
	SXO=SW**X WHERE X	=	1.
	SVB=VSH**Y WHERE Y	=	8.9888
	AVG. MEAN SURFACE TEMP.	=	58.
***	FORMATION TEMPERATURE	=	193.5261
***	TEMPERATURE GRADIENT DEG/100 FT.	=	1.5432
***	RW AT FORMATION TEMPERATURE	=	8.2947
***	RMF AT FORMATION TEMPERATURE	=	8.2886
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	=	12.2688
	MAXIMUM DENSITY CORR.	=	8.8688
	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.