

277069

AUSTRALIA KOORKAH - 1
 POROSITY AND WATER SATURATION PARAMETERS.

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

ZONE NUMBER	=	1.
ZONE TOP	=	5258. (1688.2 METERS)
ZONE BOTTOM	=	6878.5 (2096.6 METERS)
SW		
EQUATION NO.	=	6.
FORMATION FACTOR -A-	=	1.
CEMENTATION EXPONENT -M-	=	9.
WATER SATURATION EXPONENT -N-	=	2.
FORMATION WATER RESISTIVITY -RW-	=	8.1888
TEMP. OF FORM. WATER RESISTIVITY-	=	144.
SXO=SW**X WHERE X	=	1.
SWB=VSH**Y WHERE Y	=	8.9888
AVG. MEAN SURFACE TEMP.	=	58.
*** FORMATION TEMPERATURE	=	143.5848
*** TEMPERATURE GRADIENT DEG/188 FT.	=	1.5432
*** RW AT FORMATION TEMPERATURE	=	8.1883
*** RMF AT FORMATION TEMPERATURE	=	8.3843
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.