

277075

AUSTRALIA KOORKAH - 1
POROSITY AND WATER SATURATION PARAMETERS

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* SUMMARY OF IMPORTANT CONSTANTS USED AND/OR COMPUTED IN THIS ANALYSIS *
*   ZONE NUMBER           =           3.                               *
*   ZONE TOP              =           6988. (2138.8 METERS)           *
*   ZONE BOTTOM           =           7377.5 (2248.7 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 =           162.                *
*   SXO-SW**X WHERE X     =           1.                               *
*   SWB-VSH**Y WHERE Y    =           8.9888                *
*   AVG. MEAN SURFACE TEMP. =           58.                               *
* *** FORMATION TEMPERATURE =           168.8448                    *
* *** TEMPERATURE GRADIENT DEG/100 FT. =           1.5432            *
* *** RW AT FORMATION TEMPERATURE =           8.1887                *
* *** RMF AT FORMATION TEMPERATURE =           8.3448                *
* 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.                               *
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