

Part 4 - Glossary of Curve Names and Mnemonics Used
In The LOGEVAL Program

Global Program Parameters

ASW	= N.NN	- Tortuosity factor used in water saturation calculation.
CALCPAY	= (YES)/NO	- YES turns pay calculation on, no turns it off.
COMPTOP	= NNNNN.NN	- User defined top of interval to process.
COMPBOT	= NNNNN.NN	- User defined base of interval to process.
DDINC	= N	- Distance between samples (1 foot by default).
DEPTHREF	= (F)/M	- Units of depth input ((F)eet or (M)eters).
DEPTHREF	= (F)/C	- Units of temperature input (degrees (F)ahrenheit or (C)entigrade).
FILE	= NN	- AMOLOG File Number.
LIST	= (YES)/NO	- If YES will generate a large listing of interim data leading to the final results.
MSW	= N.NN	- Cementation exponent used in water saturation calculation.
NSW	= N.NN	- Saturation exponent used in water saturation calculation.
PLOTBUCK	= (YES)/NO	- YES turns the Buckle's Plot on, NO turns it off.
PLOTREF	= (F)/M	- Depth reference for plots ((F)eet or (M)eters).
PLOTPICK	= (YES)/NO	- YES turns the Picket Plot on, NO turns it off.
PLTSCALE	= (F)/M	- Desired plot scale as a representative fraction (ie. 1:500 enter as 500).
RWPLOT	= (YES)/NO	- YES turns the water resistivity plot on and NO turns it off.
SWM	= (1),2,3	- Water saturation method to use. 1 - Archie 2 - Modified Simandoux 3 - Dual Water
SURFTEMP	= NNN	- Surface temperature used to calculate formation temperature.
SWCUT1	= NN	- Pay flagged when SW less than SWCUT1
SWCUT2	= NN	- Possible pay flagged when SW greater than SWCUT1 and less than SWCUT2.
TAPE	= NNN	- AMOLOG Tape Number.
TRACE	= YES/(NO)	- YES to list all processing steps in sysout. This will generate a long listing.
VSHM	= (1),2,3,4	- Volume of shale method to use. 1 - Gamma ray 2 - Spontaneous Potential 3 - Apparent Matrix Density 4 - Apparent Travel Time
XPLOTS	= (YES)/NO	- YES turns the generation of crossplots on and NO turns the crossplots off.