

Table 5. Correlation of log to restored state core phi



WELL NAME:	IONA NO.1 PEP108 ONSHORE OTWAY BASIN VICTORIA AUSTRALIA										
LOCATION:	38.575SLAT/143.0326E						DATE: 7TH JULY 1988				
DEPTH	R'STOR CORPHI	NDPHI-- SC/HC	CORPHI --NDPHI	HRPSC-- CP=2	CORPHI -HRP 2	NDPHI-- NO COR	H-RPHI NO COR	NDP--SC GRTERT	HRP--SC CP=1	ND/HRP CP=1	NDPHI-- HC/53
1303.200	.207	.179	.028	.246	-.038	.174	.494	.171	.491	.352	.181
1303.599	.221	.204	.016	.253	-.032	.198	.508	.196	.506	.389	.206
1303.800	.220	.211	.009	.258	-.037	.208	.518	.205	.514	.402	.216
1304.000	.211	.209	.001	.260	-.049	.208	.523	.204	.518	.398	.215
1304.200	.234	.216	.018	.260	-.026	.213	.524	.208	.519	.406	.219
1304.599	.248	.237	.011	.265	-.017	.233	.533	.229	.528	.438	.240
1305.000	.249	.230	.019	.263	-.014	.226	.529	.222	.524	.427	.233
1305.200	.241	.227	.013	.261	-.020	.224	.525	.219	.520	.426	.231
1305.599	.210	.240	-.029	.263	-.053	.237	.530	.231	.524	.447	.244
1305.800	.264	.231	.033	.267	-.002	.227	.536	.223	.532	.424	.234
1306.200	.236	.223	.013	.272	-.035	.219	.545	.216	.542	.402	.225
1306.599	.252	.221	.030	.271	-.018	.218	.544	.214	.540	.400	.224
1306.800	.243	.221	.022	.272	-.028	.218	.546	.214	.542	.398	.224
1307.200	.243	.220	.022	.272	-.028	.220	.546	.215	.541	.403	.227
1307.400	.245	.227	.017	.264	-.018	.226	.530	.222	.526	.427	.234
1307.599	.227	.236	-.009	.267	-.039	.233	.536	.229	.533	.434	.242
1308.000	.263	.244	.019	.268	-.005	.248	.541	.240	.532	.457	.253
1308.400	.212	.260	-.048	.252	-.039	.262	.510	.253	.500	.514	.267
1308.599	.223	.251	-.028	.253	-.029	.250	.509	.244	.502	.490	.256
1309.000	.224	.236	-.012	.258	-.034	.238	.520	.233	.514	.459	.244
1309.200	.232	.232	.000	.259	-.026	.235	.521	.230	.516	.452	.239
1309.400	.187	.222	-.035	.256	-.068	.224	.515	.219	.509	.436	.226
1309.800	.207	.183	.024	.245	-.038	.186	.495	.180	.488	.376	.189
1310.200	.084	.109	-.024	.235	-.150	.145	.483	.125	.462	.301	.138

↑ K=.5

Difference between restored core & NDPHI corrected for shale & hydrocarbons

↑ Difference between restored core and Hunt-Rayner Sonic phi using CP=2 (K=.5)