

TABLE 6. INTERVAL 1255 to 1381m IN IONA No 1 (.2M increments) Sw in net sand
CONSTRAINTS ON OUTPUT

$\phi > .149$
 $V_{sh} < .301$



WELL NAME: IONA NO.1			PEP108 ONSHORE			DTWAY BASIN			VICTORIA AUSTRALTA								
LOCATION: 38.5753LAT/143.0326E			DATE: 7TH JULY 1988														
DEPTH	VSHGRC	VSHGRC	NDPHI-	HRPSC-	ARCHIE	TOT.SH	IND.SW	DISP'D	DEPTH	VSHGRC	VSHGRC	NDPHI-	HRPSC-	SW	TOT.SH	IND.SW	DISP'D
TERT'Y	15/100	SC/HC	CP=2	SW-66	SW-66	SW-66	-66	SHSW66		TERT'Y	15/100	SC/HC	CP=2	SW	SW-66	-66	SHSW66
1300.000	.230	.409	.162	.240	.597	.502	.449	.198	1324.200	.092	.249	.205	.254	.450	.413	.394	.169
1300.200	.162	.300	.212	.245	.439	.387	.357	.177	1324.400	.104	.278	.211	.257	.443	.403	.303	.162
1300.400	.115	.300	.262	.249	.340	.307	.270	.168	1324.599	.110	.300	.205	.254	.464	.420	.396	.172
1300.599	.102	.273	.292	.240	.289	.261	.240	.164	1324.800	.127	.326	.193	.245	.504	.457	.429	.207
1300.800	.097	.265	.206	.246	.278	.250	.230	.154	1325.000	.139	.340	.174	.234	.543	.485	.453	.226
1301.000	.002	.226	.267	.242	.259	.232	.223	.126	1325.200	.143	.355	.163	.245	.601	.537	.500	.242
1301.200	.050	.160	.254	.239	.222	.199	.193	.092	1325.400	.132	.335	.102	.241	.541	.487	.456	.222
1301.400	.033	.099	.256	.240	.153	.135	.132	.053	1325.599	.129	.329	.181	.241	.592	.540	.506	.260
1301.599	.020	.061	.245	.242	.090	.084	.083	.023	1325.800	.145	.359	.174	.234	.654	.595	.553	.309
1301.800	.022	.030	.225	.243	.090	.077	.076	.015	1326.000	.162	.380	.177	.231	.602	.620	.571	.344
1302.000	.017	.019	.210	.240	.100	.080	.087	.010	1326.200	.171	.403	.180	.233	.660	.600	.550	.343
1302.200	.014	.008	.217	.237	.121	.107	.107	.027	1326.400	.187	.420	.186	.230	.680	.624	.567	.365
1302.400	.015	.012	.216	.241	.143	.129	.120	.035	1326.599	.199	.446	.182	.223	.730	.660	.596	.408
1302.599	.018	.025	.212	.246	.156	.140	.139	.030	1326.800	.195	.441	.188	.218	.730	.673	.609	.450
1302.800	.010	.022	.205	.240	.167	.151	.150	.027	1327.000	.192	.436	.181	.202	.798	.731	.662	.549
1303.000	.013	.004	.191	.246	.217	.200	.199	.040	1335.400	.203	.452	.184	.217	.626	.555	.500	.344
1303.200	.009	-.001	.179	.246	.340	.322	.321	.095	1335.599	.095	.257	.240	.230	.498	.467	.445	.351
1303.400	.006	-.001	.185	.248	.353	.336	.335	.107	1335.800	.060	.166	.265	.231	.497	.474	.459	.390
1303.599	.007	-.001	.204	.253	.313	.297	.296	.093	1336.000	.053	.147	.269	.230	.526	.504	.491	.436
1303.800	.011	-.001	.211	.258	.215	.199	.198	.037	1336.200	.054	.150	.266	.225	.543	.521	.507	.464
1304.000	.014	.006	.209	.260	.181	.165	.164	.018	1336.400	.056	.155	.250	.220	.615	.593	.576	.534
1304.200	.014	.008	.216	.260	.114	.101	.100	.000	1336.599	.050	.162	.230	.217	.652	.629	.611	.562
1304.400	.014	.008	.226	.262	.071	.061	.061	.000	1336.800	.063	.174	.226	.217	.600	.664	.643	.569
1304.599	.012	-.001	.237	.265	.059	.050	.050	.000	1337.000	.064	.178	.219	.221	.670	.653	.632	.520
1304.800	.011	-.001	.238	.266	.063	.054	.054	.000	1337.200	.060	.166	.222	.225	.677	.653	.633	.517
1305.000	.013	.001	.230	.263	.096	.085	.084	.000	1337.400	.057	.157	.226	.226	.603	.660	.641	.527
1305.200	.015	.011	.227	.261	.153	.139	.138	.012	1337.599	.061	.171	.227	.225	.680	.665	.645	.537
1305.400	.017	.019	.234	.261	.172	.157	.156	.023	1337.800	.060	.190	.228	.225	.693	.659	.636	.529
1305.599	.017	.019	.240	.263	.149	.135	.134	.013	1338.000	.068	.190	.220	.227	.660	.643	.621	.507
1305.800	.012	.000	.231	.267	.080	.070	.069	.000	1338.200	.065	.181	.233	.232	.655	.641	.620	.499
1306.000	.009	-.001	.224	.270	.041	.034	.034	.000	1338.400	.062	.172	.241	.234	.661	.630	.618	.500
1306.200	.009	-.001	.223	.272	.034	.027	.027	.000	1338.599	.060	.168	.242	.235	.672	.650	.630	.514
1306.400	.010	-.001	.220	.271	.034	.027	.027	.000	1338.800	.058	.162	.240	.234	.646	.623	.605	.489
1306.599	.010	-.001	.221	.271	.036	.029	.029	.000	1339.000	.055	.153	.235	.232	.646	.624	.607	.492
1306.800	.012	-.001	.221	.272	.043	.035	.035	.000	1339.200	.055	.151	.228	.230	.667	.644	.627	.507
1307.000	.014	.005	.218	.274	.056	.047	.046	.000	1339.400	.050	.162	.227	.228	.736	.714	.693	.590
1307.200	.015	.009	.220	.272	.066	.056	.055	.000	1339.599	.066	.183	.237	.229	.700	.677	.654	.560
1307.400	.013	.003	.227	.264	.073	.063	.063	.000	1339.800	.072	.201	.245	.231	.643	.618	.596	.501
1307.599	.010	-.001	.236	.267	.094	.084	.083	.000	1340.000	.071	.198	.240	.230	.641	.616	.594	.495
1307.800	.014	.009	.241	.270	.126	.113	.112	.003	1340.200	.064	.179	.220	.224	.645	.620	.600	.504
1308.000	.026	.055	.244	.268	.165	.149	.147	.021	1340.400	.061	.169	.219	.216	.644	.619	.600	.522
1308.200	.034	.085	.256	.258	.163	.146	.143	.039	1340.599	.065	.181	.211	.212	.622	.594	.575	.492
1308.400	.029	.064	.260	.252	.129	.114	.113	.028	1340.800	.072	.199	.203	.213	.636	.606	.584	.476
1308.599	.020	.033	.251	.253	.080	.069	.060	.002	1341.000	.073	.202	.200	.214	.634	.604	.582	.442
1308.800	.017	.020	.241	.255	.061	.051	.050	.000	1341.200	.072	.199	.218	.231	.717	.691	.666	.519
1309.000	.016	.015	.236	.258	.052	.043	.043	.000	1341.400	.075	.200	.213	.220	.935	.915	.880	.753
1309.200	.016	.019	.232	.259	.053	.046	.045	.000	1341.599	.081	.223	.206	.220	1.008	.987	.947	.853
1309.400	.016	.016	.222	.256	.062	.052	.052	.000	1341.800	.081	.224	.219	.219	.769	.743	.712	.630
1309.599	.017	.021	.205	.250	.075	.064	.063	.000	1342.000	.083	.227	.234	.226	.597	.568	.544	.448
1309.800	.018	.025	.183	.245	.099	.085	.084	.000	1342.200	.087	.239	.238	.229	.641	.613	.586	.485
1310.000	.024	.046	.159	.242	.106	.165	.163	.010	1342.400	.080	.220	.244	.226	.666	.640	.614	.548
1312.599	.239	.501	.191	.260	.440	.361	.322	.105	1342.599	.065	.181	.258	.223	.624	.601	.581	.558
1312.800	.106	.281	.262	.271	.230	.208	.197	.048	1342.800	.062	.173	.261	.221	.614	.591	.573	.561
1313.000	.076	.210	.264	.271	.227	.202	.194	.047	1343.000	.073	.203	.240	.222	.628	.603	.581	.540
1313.200	.071	.196	.258	.270	.224	.200	.193	.045	1343.200	.085	.232	.233	.220	.662	.634	.607	.541
1313.400	.056	.154	.266	.271	.189	.168	.164	.031	1343.400	.092	.242	.225	.221	.673	.643	.613	.520
1313.599	.035	.089	.271	.270	.145	.120	.126	.017	1343.599	.099	.266	.224	.223	.671	.639	.609	.510
1313.800	.023	.043	.274	.269	.102	.089	.088	.004	1343.800	.106	.282	.227	.225	.680	.647	.613	.512
1314.000	.016	.017	.274	.268	.086	.076	.075	.003	1344.000	.118	.307	.221	.225	.704	.660	.628	.517
1314.200	.013	.005	.276	.265	.074	.064	.064	.004	1344.200	.132	.335	.205	.221	.749	.707	.661	.529
1314.400	.010	-.001	.287	.259	.061	.053	.053	.010	1344.400	.141	.352	.193	.217	.765	.717	.667	.525
1314.599	.005	-.001	.285	.253	.041	.036	.036	.013	1344.599	.157	.380	.184	.213	.799	.745	.687	.537
1314.800	.003	-.001	.280	.249	.030	.025	.025	.010	1344.800	.182	.421	.180	.214	.792	.728	.663	.501
1315.000	.005	-.001	.261	.246	.036	.030	.030	.007	1345.000	.175	.409	.200	.224	.721	.666	.609	.453
1315.200	.008	-.001	.240	.245	.055	.047	.047	.004	1345.200	.146	.361	.231	.242	.657	.617	.572	.417
1315.400	.010	-.001	.222	.244	.073	.064	.063	.003	1345.400	.173	.406	.235	.246	.703	.659	.602	.444
1315.599	.012	-.001	.219	.242	.080	.070	.069	.005	1367.200	.260	.527	.152	.198	1.092	.990	.864	.651
1315.800	.012	-.001	.218	.238	.086	.075	.074	.009	1367.400	.241	.503	.160	.197	1.064	.977	.861	.670
1316.000	.011	-.001	.208	.235	.095	.083	.083	.011	1367.599	.243	.506	.159	.186	1.063	.974	.857	.713
1316.200	.010	-.001	.196	.234	.104	.093	.092	.008	1367.800	.242	.505	.161	.175	1.029	.941	.829	.726
1316.400	.009	-.001	.190	.239	.111	.098	.098	.002	1368.000	.237	.499	.158	.172	1.014	.924	.816	.723
1316.599	.010	-.001	.191	.244	.121	.108	.107	.002	1369.599	.189	.432	.165	.211	.965	.896	.817	.592
1316.800	.013	.001	.203	.244	.130	.117	.116	.013	1369.800	.181	.419	.187	.221	1.005	.952	.866	.670
1317.000	.014	.008	.222	.242	.133	.120	.119	.030	1370.000	.182	.421	.196	.222	.947	.896	.814	.644
1317.																	