

2

WELL PERMIT  
LATITUDE South  
LONGITUDE East  
CO-ORDINATES yards E  
yards N  
D F E

MEPUNGA-7 ✓ PEP 5 38° 24' 02" 142° 37' 29" 100	MEPUNGA-10 ✓ PEP 5 38° 29' 02" 142° 40' 45" 200	MEPUNGA-12 ✓ PEP 5 38° 25' 37" 142° 42' 00" 125	MONIVAE -4 ✓ PEP 5 37° 49' 16" 142° 03' 50" 5025 3357 668	MYAMYN-2 ✓ PEP-5 38° 00' 35" 141° 45' 20" 410	NARRAWATURK-2 PEP 5 38° 36' 17" 142° 52' 27" 5786 2394 52	NARRAWONG-13 ✓ PEP 5 38° 15' 30" 141° 41' 27" ≈ 10	NELSON-1 ✓ PEP 5 38° 03' 00" 141° 00' 10" Glenelg # 1 20
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ROCK STRATIGRAPHY		3200				5900				4570				TO T.D.				4560				3880										
AGE	GROUP	FORMATION	MEMBER	BDF	BSL	Thickness	Shows	BDF	BSL	Thickness	Shows	BDF	BSL	Thickness	Shows	BDF	BSL	Thickness	Shows	BDF	BSL	Thickness	Shows	BDF	BSL	Thickness	Shows					
RECENT PLIOCENE												0-329 BASALT		329'		0	+410	100														
MIOCENE OLIGOCENE		Port Campbell Irrestone		0	+100	672		0	+200	870		0	+125	979		±100	+310	196		0	+52	515		0	+10	865		0	+20	812		
		Gellibrand marl		672	572	998		870	670	1330		979	854	1181		329	+339	261		296	+114	270		515	463	1255		865	855	365		
		Clifton formation		1670	1570	40		2200	2000	40		2160	2035	60		566	156	132		1770	1718	60		1230	1220	125						
		Nelson formation																														
UPPER EOCENE	NIRRANDA GROUP	Narrawaturk marl		1710	1610	90		2240	2040	125		2220	2095	160		698	238	166		1830	1778	370		1355	1345	155						
		Mepunga sandstone		1800	1700	120		2365	2165	255		2380	2255	165		864	454	99		2200	2148	200		1510	1500	315		812	792	180		
PALEOCENE	WANGERRIP GROUP	Dilwyn formation		1920	1820	270		2620	2420	940		2545	2420	910		963	553	214		2400	2348	525		1825	1815	807		992	972	2557		
		Rivernook member		2190- 2420	2090- 2320	230		3560- 3700	3360- 3500	140		3455- 3550	3330- 3425	95		1177	767	303		2925	2873	355		2632- 2960	2622- 2950	328		3549	3529	129		
		Pebble Point formation														1480	1070	51		3280	3228	30		3145	3135			3678	3658	68		
UPPER CRETACEOUS	SHERBROOK GROUP	Curdies formation	"Unit 13"	2905	2805	275		4090	3890			3550	3425	930		1531	1121	458		3310	3258	1840						3746	3726	757		
		Paaratte formation		3180	3080	190						4480	4355	280							5150	5098							4503	4483		
			Macdonnel member		3370	3270	105					4730	4625	535							N.R.											
			Belfast mudstone									5265	5140	105			1989	1579	246													
			Mt Salt formation									5370	5245	100																		
UPPER JURASSIC LOWER CRETACEOUS		Eumeralla formation	"Unit 1" "Unit 2"	3475	3375							5470	5345							2235	1825											
		Pretty Hill sandstone										N.R.								N.R.												
		Pre Mesozoic basement													590	+78																

TOTAL DEPTH	3875	6002	5568	967	2378	5528	5621	7305
DATE SPUDDED								
DATE T.D. REACHED								
DATE COMPLETED								
STATUS	W	W	W	W	W	W	W	
COMPANY					V.D.M.			

N.D. = Not determined  
N.P. = Not present  
N.R. = Not reached

Author \_\_\_\_\_ Date \_\_\_\_\_  
 Report \_\_\_\_\_ End \_\_\_\_\_ Drawing No \_\_\_\_\_

WELL PENETRATION CHART

SHELL DEVELOPMENT (AUSTRALIA) PTY LTD  
OTWAY BASIN

