

Amoco Australia Petroleum Company

WELL: PELICAN No. 5

CORE No.: 2

SHEET 1 of 2

CORED: 2863.5 - 81.7m = 18.2m

RECOVERED: 2863.5 - 81.7m = 18.2m 100%

SCALE: 1:40

FM: EASTERN VIEW COAL MEASURES

DESCRIBED: GMK

DATE: 24/3/86

CORE RATE METRES PER HR	GRAINSIZE					DEPTH METRES (RT)	LITHOLOGY	HYDROCARBONS	CORE ANALYSIS							
	CLAY	SILT	FINE SAND	MEDIUM SAND	COARSE SAND				POR. %	AIR PERM. (md)		RES. FLUIDS (%)				
										Kh	Kv	So	Sw			
						2863	PRELIMINARY WHOLE CORE DESCRIPTION TOP OF CUT CORE AT 2863.5m									
						2864	2863.5 - 2868.7m Finely i/b Clst & Sst sequence w/ Clst dominant consisting of starved current-ripples; 'flaser-bedded' in appearance. Occasional load cast. No bioturbation evident.	2864.2m: Mod red brn resin with dull yel-gold fluor. v pale & slow yel-wh to grn-yel cut & crush cut, v pale brn v thin residue ring.								
						2865										
						2866										
						2867	Sst: v lt gy, vf-f gr, dom f gr, a-sa, occ sr, prly srted, pervasive cly mtx, 15-20% tr silica cmt as qtz overgrowths, tr blk carb mat, rare m gy lithic grs, hard.									
						2868		No natural fluor observed in core. For 2863.6-2873 & 2880-2881m (approx.) pale-mod grn-yel to yel-wh v slow cut & crush cuts, w/v pale brn v thin residue ring.								
						2869	2868.7 - 2874.4m i/b Sst & Clst w/ Sst dominant. Typically festoon cross-bedded w/ shale clasts at 2871.8m, 2872.1m, 2873.2m & 2873.7m. The Clst laminae occur as continuous to discontinuous laminae within the Sst.	Remaining intervals had nil - v pale cut & crush cut. V rare to 20% v pale - occ dk brn oil staining present throughout core.	11.2	0.17	0.1	74.9				
						2870	2870 - 2870.5m Root casts within a current-rippled sequence.		15	0.47	0.0	70.6				
						2871			15.3	1.1	0.0	67.2				
						2872			18.0	0.93	0.0	73.9				
						2873			15.7	0.42	0.0	71.7				
									16.9	0.56	0.0	71.0				
									8.4	1.4	0.1	71.3				
									9.4	0.15	0.0	70.9				
									15.1	3	0.2	62.5				
									15.8	1.4	0.0	65.5				
									14.7	0.8	0.1	68.6				
									18.2	3.5	0.0	66.2				
									17.4	7.6	0.0	68.5				
									14.2	1	0.0	64.4				
									9.3	1.2	0.6	64				

