



Amoco Australia Petroleum Company

WELL : PELICAN No. 5

CORE No. : 1

SHEET 2 of 2

CORED : 2790.5 - 2808.5m = 18m

RECOVERED : = 18m 100%

SCALE : 1:40

FM : EASTERN VIEW COAL MEASURES

DESCRIBED : GMK

DATE : 26/3/86

CORE RATE METRES PER HR	GRAINSIZE				DEPTH METRES (RT)	LITHOLOGY	HYDROCARBONS	CORE ANALYSIS												
	CLAY	SAND	SILT	MUD				FOR.	AIR PERM. (md)		RES. PLUNDS (%)									
								%	Kh	Kv	S _o	S _w								
					2790															
					2800															
					2801	<p>2801.15 - 2808.5m A coarsening upward sequence grading from a Clst prone interval of starved current-ripples & 'flaser' beds to a Sst-dominant section with current ripples & festoon cross-beds. Those <u>Sst</u>s are: lt brn gy, f-occ mgr, a-sa, well srt'd, 5% wh cly mtx, 5% silica cmt as overgrowths, rare dk brw tourmaline (?), firm.</p>		16.0	6.3		0.6	70.5								
				2802	17.3		9.4		0.0	69.9										
				2803	18.3		100		0.0	49.8										
				2804	18.9		35		0.1	57.6										
				2805	18.2		14		0.0	59.5										
				2806	18.8		16		0.0	66.8										
				2807	17.3		4.3		0.0	45.2										
				2808	12.8		1.1		0.0	66.5										
				2806		Starved current-ripples														
				2807		ENVIRONMENT OF DEPOSITION: A stream mouth/barrier bar sequence from 8.5 - 2801.15m overlain by a fining upward point bar sequence to 2791.7m. A channel Sst is present at the top of the core ('E' sand). <u>Sst</u> : v lt gy, dom v f gr, occ f gr, a-sa, pervasive wh cly mtx, 10-15% tr-5% silica cmt, tr carb flecks, hard.														
				2808		BASE OF CUT AND RECOVERED CORE AT 2808.5m														

