

Amoco Australia Petroleum Company

WELL : PELICAN No. 5

CORE No. : 2

SHEET 2 of 2

CORED : 2863.5 - 81.7m = 18.2m

RECOVERED : = 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 (R T)	LITHOLOGY	HYDROCARBONS	CORE ANALYSIS				
	CLAY	SAND	GRAVEL				POR.	AIR PERM. (md)	RES. FLUIDS (%)		
							%	Kh	Kv	So	Sw
				2873	Sst: v lt gy, f-m gr, a-sa, occ sr, prly srt'd w/pervasive wh cly mtx, up to 20%, tr-5% silica cmt as qtz overgrowths, noncalc, tr rose qtz, rare m gy lithics & carb specks, hard.		12.6	0.84		0.2	63.7
				2874			17.6	5.5		0.0	62.6
				2875	2874.4 - 2881.3m Sst: massive to planar horizontally bedded Sst w/ thin blk carb streaks		17.1	4.2		0.0	54
				2876			12.9	0.38		0.0	49.6
				2877			18.6	34		0.1	69.4
				2878			19.1	68		1.2	70.9
				2879			18.7	59		1.0	64.9
				2880			18.6	29		1.3	63.8
				2881			17.6	26		0.1	57.1
				2882			12.4	3.5		0.1	53.3
					Sst: v lt gy, f-vc gr, dom m-c, a-sa, occ sr, v prly srt'd w/5-10% occ 10-15% wh cly mtx, occ as pseudo-morphs after feldspar (?), tr-5% silica cmt as qtz overgrowths, tr-5% calcite, common rose qtz, rare dk gy lithic grs, rare carb mat, v firm-hard.		14.5	8.1		0.0	51.4
							15.8	13		0.1	41.4
							12.7	2.3		0.0	46.7
							15.9	15		0.0	46.9
							16.3	17		0.0	51.7
							14.9	7.2		0.2	52
							17.3	25		0.1	50.1
							13.6	2		0.2	42.2
							16.8	3		0.1	48.2
							13.9	6.1		0.2	44.7
					Increase in calcite cement, (tr-5%) in Sst above 2880.5m, lesser amounts in festoon-bedded zone.		17.3	1.3		0.0	56.3
							17.1	16		0.0	61.5
							13	2.5		0.0	60.3
							17.6	20		0.1	58.3
							17.4	19		0.0	57.7
					Bed surface at 2881.3m		19.7	190		0.0	58.8
					2881.3 - 2881.7m i/b Sst & Clst w/thin Clst laminae cross-laminated.		20.8	240		0.0	55.2
							16.1	0.54		0.0	44.4

2881.4m Patchy resin as at 2864.2m

