

Petroleum Technology Laboratory, Bureau of Mineral Resources, Geology and Geophysics, Canberra

Date: JULY 15/64

CORE ANALYSIS RESULTS

Notes:- (i) Unless otherwise stated, the porosities and permeabilities were determined on two small plugs (V & H) cut at right angles from the core or sample. Ruska porosimeter and permeameter were used, with air at 30 p.s.i.g. and dry nitrogen, respectively, as the saturating and flowing media. (ii) Residual oil and water saturations were determined using Soxhlet type apparatus. (iii) Acetone test precipitates and fluorescence of solvent after extraction are recorded as, nil, trace, fair, strong or very strong.

Well or Area	Core or Sample No.	Depth in ft. From: To:	Lithology	Effective Porosity in % by Vol.		Absolute Permeability in Millidarcys		Avg. density in gms./cc.		Fluid Saturation in % Pore Space		Acetone Test		Solvent after Extraction		Remarks
				V	H	V	H	Dry Bulk	Grain	Water	Oil	Colour	Precipitate	Colour	Fluor.	
Port Campbell No. 4	23	7690 7710	Sandstone-Medium Grain, Arkosic, Firm, Silty Matrix	14.3	13.9	Nil	Nil	2.35	2.73	72	Nil	Nil	Nil	Nil	Trace	
"	24A)	7889	Sandstone as Above	11.1	11.1	Nil	Nil	2.43	2.73	51	Nil	Nil	Nil	Nil	Trace	
"	24B)	7907	"	10.8	10.4	Nil	Nil	2.39	2.68	55	Nil	Nil	Nil	Nil	Trace	

Additional Information: CORE 23 WAS A PRESERVED (TINNED) SAMPLE.
CORE 24 (TWO PIECES) WAS NOT PRESERVED.



General File No. 62/399
Well File No.