

ESSO STANDARD OIL (AUSTRALIA) LTD. OFFSHORE 15

CORE DESCRIPTION

Core No. 3WELL: DURROON - 1Interval Cored 5547-5566 ft., Cut 19 ft., Recovered 19 ft., (100 %) Fm. L. CRETACEOUS (?)Bit Type C-20 (C0), Bit Size 8 15/32 x 4 in., Desc. by J. MESSERSON Date NOVEMBER 2, 1972

Depth & Coring Rate (min./ft.)	Graphic (1" = 5')	Shows	Interval (ft.)	Descriptive Lithology
0 2 4 6 8				
5547		←	5547'-5548½'	SANDSTONE: Very fine to fine grained, grey-green, silty, glauconitic, poorly sorted, sub-angular, firm, tight. Occasional shale clasts. No show.
		←	5548½'-5553½'	SHALE with irregular SAND and SILT beds. SHALE: grey-black, fissile, firm, slightly carbonaceous SAND: grey, irreg. beds generally as above, less glauconite SILTSTONE: grey, firm to friable, irregular beds.
		←	5553½'-5565½'	SANDSTONE: grey, medium-fine grained, sub-angular, moderately sorted, quartzose, carbonaceous in part. Well cemented, grey-white clay matrix. Poor porosity and permeability. No show. Shale lenses up to 3/4". Broad, wavy, discontinuous bedding. Occasional very carbonaceous bands. Plant remains, particularly in 5556½'-5565½'. Grain size becoming finer toward base.
5566		←	5565½'-5566'	SHALE: Grey-brown, fissile, firm, slightly micaceous

REMARKS:

Dip throughout core is 30° approx.

← Overburden core samples from 5548 ft, 5554 ft, 5562 ft

← Palynology core samples at 5566 ft, 5554 ft, 5552 ft.

Contacts at 5553½' and 5565½' are wavy, irregular.

5 cm