304085

BHP OIL & GAS DIVISION
DO NOT RETAIN IN PERSONAL FILES
FILE COPY
PLEASE RETURN TO
EXPLORATION FILES

ESSO STANDARD OIL (AUSTRALIA) LTD.

CORE DESCRIPTION

Core No. 6

BASS BASIN.

WELL: ESSO PELICAN - 1.

Interval Cored 8540 - 8570. ft., Cut 30' ft., Recovered 30' ft., (100 %) Fm. E.V.D.C

Bit Type C 20, Bit Size 8 5/16. in., Desc. by A.P. Whittle. Date 4/4/70.

Depth & Coring Rate (min./ft.)	Graphic (1" = 5')	Shows	Interval (ft.)	Descriptive Lithology
0 3 5 7 9			8540 - 42	SILTSTONE lt gy & lt bm firm - hard non calc mic w/ thin carb lenses at base. Dip appears to be 2-3°.
			8542 - 43.	COAL. blk. shiny with concoidal fracture.
			8543 - 49	SHALE becoming SILTY in the lower 3'. gy bm, firm hard non calc. mic. py.
			8549 - 49½	COAL AS ABOVE.
		☼	8549½ - 58½	SANDSTONE. light gy - wh. fg generally but grading to mg. ws sa-R. clear qtz. w/ wh. clay matrix. have occ silty laminae which show steep irregular depositional dips of 5-6°. carb lenses in sand. Roots in top 6" Bottom 1½' hd tight with a calc cement & no shows. Top 7½' w/ blue yellow fluor. good odour & cut. (similar to core 5.)
		☼	8558½ - 70	SILTSTONE AS ABOVE w/ good small scale X bedding, also even parallel bedding & wavy continuous bedding. Shaley in lower 3'. where have evidence of burrowing.

REMARKS:

BASIC

5 cm