

389038

ESSO

ESSO STANDARD OIL (AUSTRALIA) LTD.

BHP OIL & GAS DIVISION
DO NOT RETAIN IN PERSONAL FILES

CORE DESCRIPTION

FILE COPY
PLEASE RETURN TO
EXPLORATION FILES

Core No. 2 (cont'd)

WELL: PELICAN-3

Interval Cored _____ ft., Cut _____ ft., Recovered _____ ft., (_____ %) Fm.

Bit Type _____, Bit Size _____ in., Desc. by _____ Date _____

Depth & Coring Rate (min./ft.)	Graphic (1" = 5')	Shows	Interval (ft.)	Descriptive Lithology
0 5 10 9437				
9440		●		sandstones above, clay chocked (most likely kaolin fine-med, sa-sr. g.; accessory mica & carbonaceous flecks; with minor shale and coaly streaks. Fr scale cross bedding at 9442' and a large root structure at 9444'.
9445		●		
9450		← P	9448' - 9460'	12' INTERBEDDED Sandstone, siltstone and shale, individual sst. = silt. u < 2" thick, containing small scale, cross bedding scouring & load casts, & some burrowing or root traces. Sandstone lt. gg. - wh. vf. - ang - sa. accessory mica, carbonaceous fleck white clay matrix. At 9456' a thin bed of med. g. sst contains 2; 1/2" diam pebbles of qtz. & chert. Sst. hard & not friable.
9455		← P		
9460		← P		
				Throughout the core are traces of dull gold-brown flour. (this is a possible clay mineral flour); overall the best flour is in the top sand from 9397-9418'. Bedding in core is horizontal with the exception of a few probable cross-bedded sandstone units which have a dip of approximately 10°.

REMARKS:

Core Analysis at wellsite

9406' ϕ 22.3% K_v 10md9415 1/2' ϕ 22.9% K_H 157md

5 cm