

**SIDEWALL CORES - YOLLA-1**

A piggy-back gun of sidewall cores was shot on log suite No. 3 in Yolla-1. A total of 51 shots were attempted and 48 were recovered.

Because of the common occurrence of hydrocarbons in the sidewall cores, a rating system was devised to emphasize those sands that had the best hydrocarbon shows, and as a corollary, those sands that might be oil-prone.

The hydrocarbon rating scheme is as follows:

<b>Rating</b>	<b>Hydrocarbon Features</b>
NIL	nil hydrocarbon to a dessication ring only
TRACE	crush cut and dessication ring only
POOR	cut, crush cut and dessication ring
FAIR	trace fluorescence, cut, crush cut and dessication ring
GOOD	abundant fluorescence, cut, crush cut and dessication ring
EXCELLENT	live oil stain present, abundant fluorescence, cut, crush cut and dessication ring

According to this scheme, 5 sidewall cores (2974.5 m, 2952.5 m, 2874 m, 2813 m, 1835 m) were adjudged to have an excellent hydrocarbon rating and are probably light oil-bearing. The remainder of the cores were rated as poor to fair and are probably gas-saturated.