



OESG

08—Pad membranes

Features

When a shale gas pad is created, an impermeable membrane is laid down first and held in place before the rest of the site is constructed above it. This provides something called ‘bunding’ or secondary containment.

Advantages

The use of an impermeable membrane under the site means that any spills of fluids during the drilling and hydraulic fracturing of shale gas wells are contained and cannot escape.

Benefits

Containing spilled fluids, so that they cannot escape to the environment, protects surrounding soil, surface water (rivers and streams) and groundwater (aquifers) from potential pollution.

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