

brownfieldbriefing

**Outlining the health and safety regulatory regime
applicable to onshore oil and gas developments**

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Shale & Unconventional Gas Conference
London, 24th February 2016

The regulatory framework for shale gas

Tony Almond

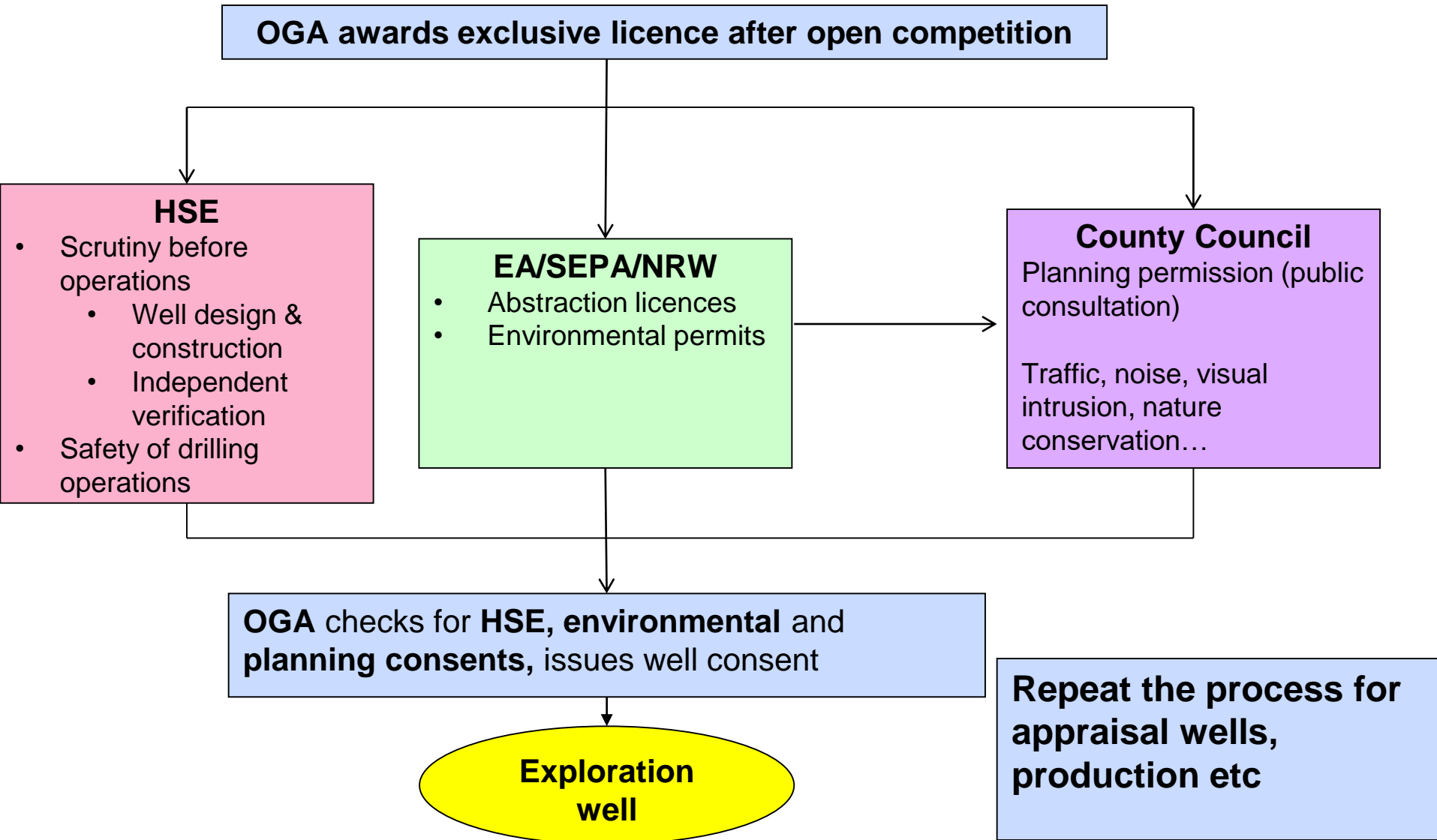
Health and Safety Policy – Shale Gas

Health & Safety Executive

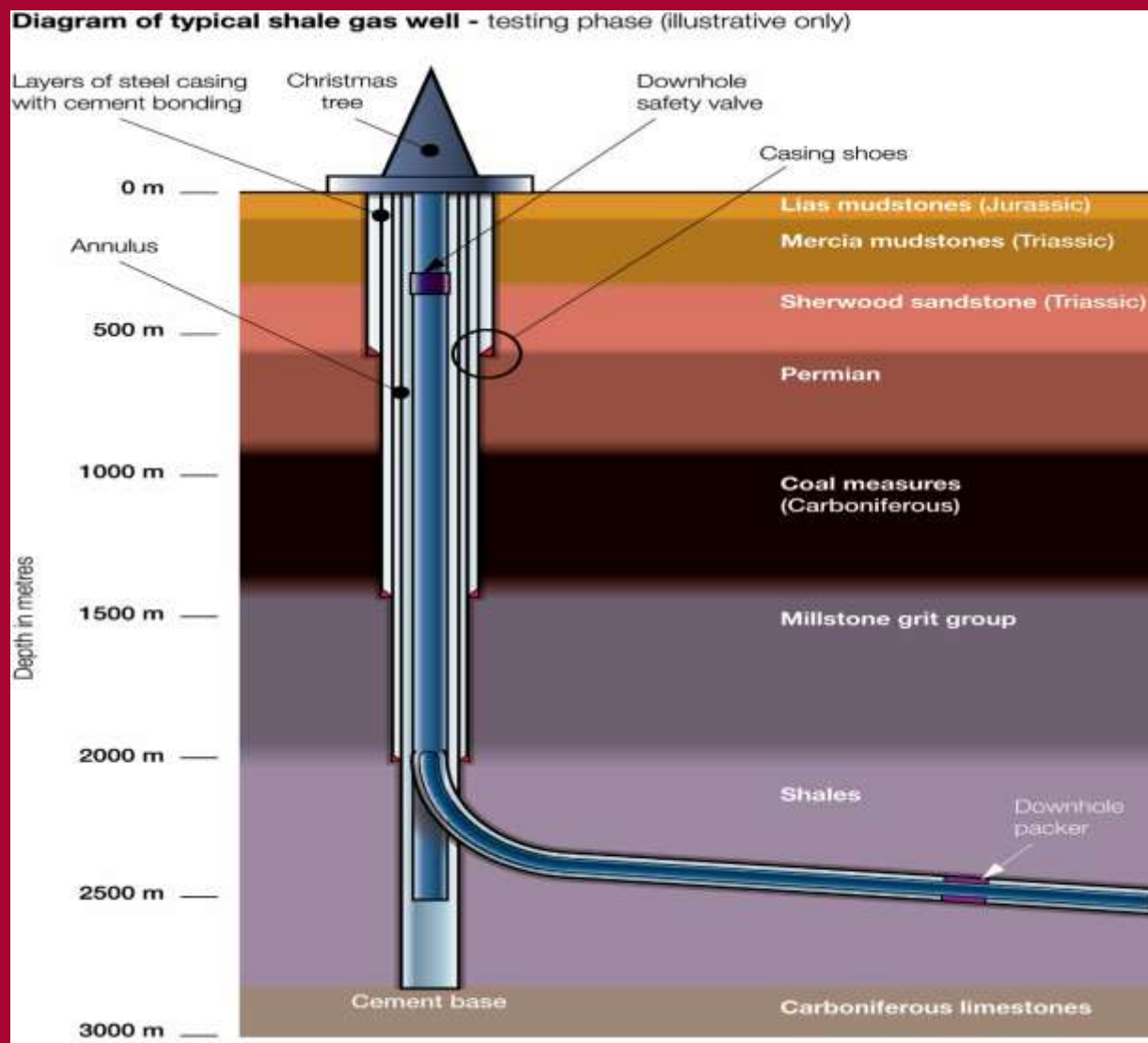
Health and Safety Executive's role



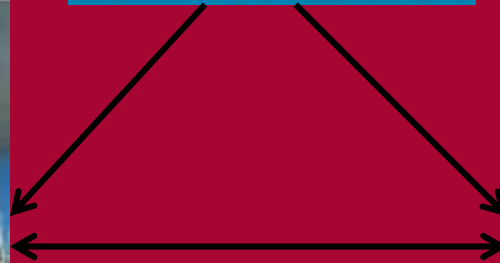
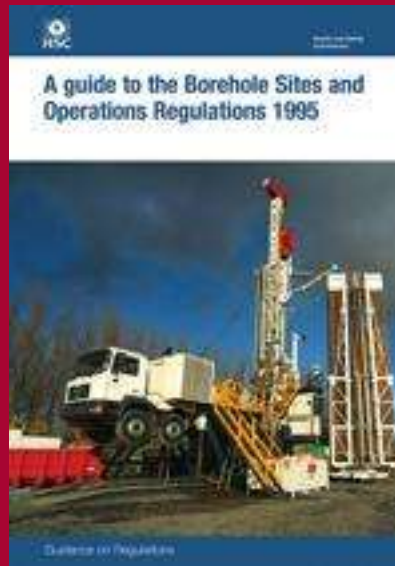
Regulatory landscape for unconventional gas



What are the main hazards?



The health and safety regulatory regime



How does HSE conduct interventions?

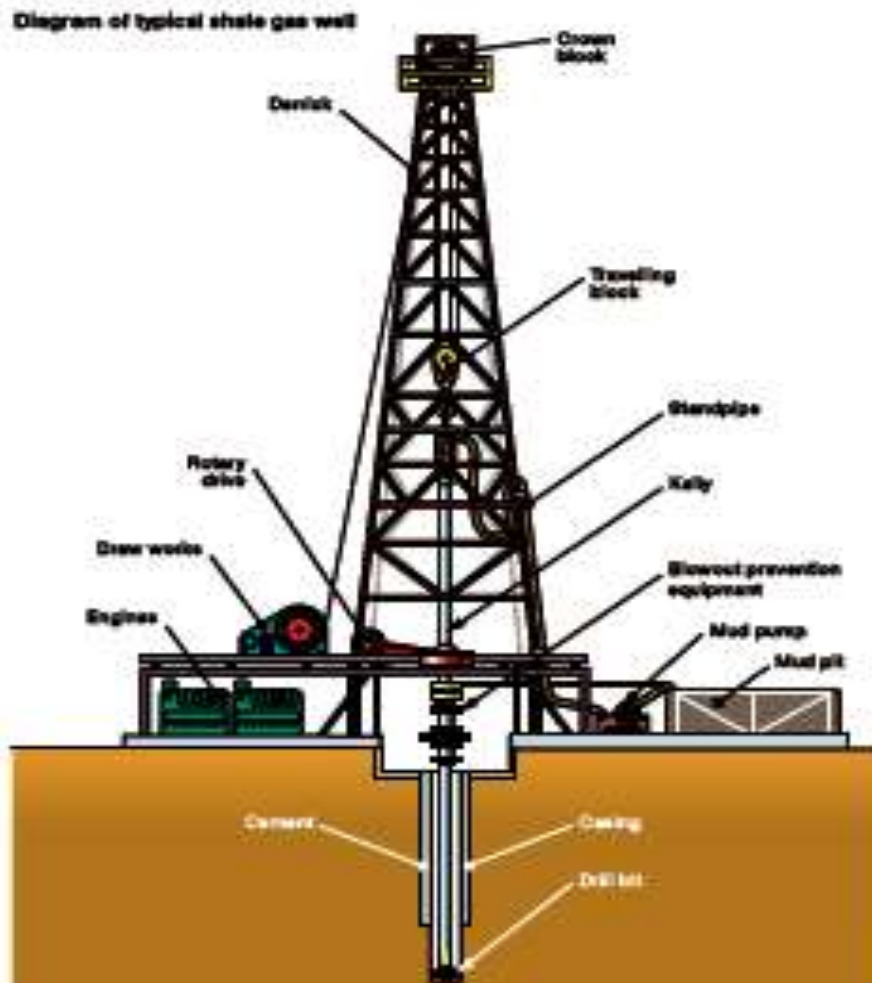
Industry standards

**Inspection activity –
wells and operators**

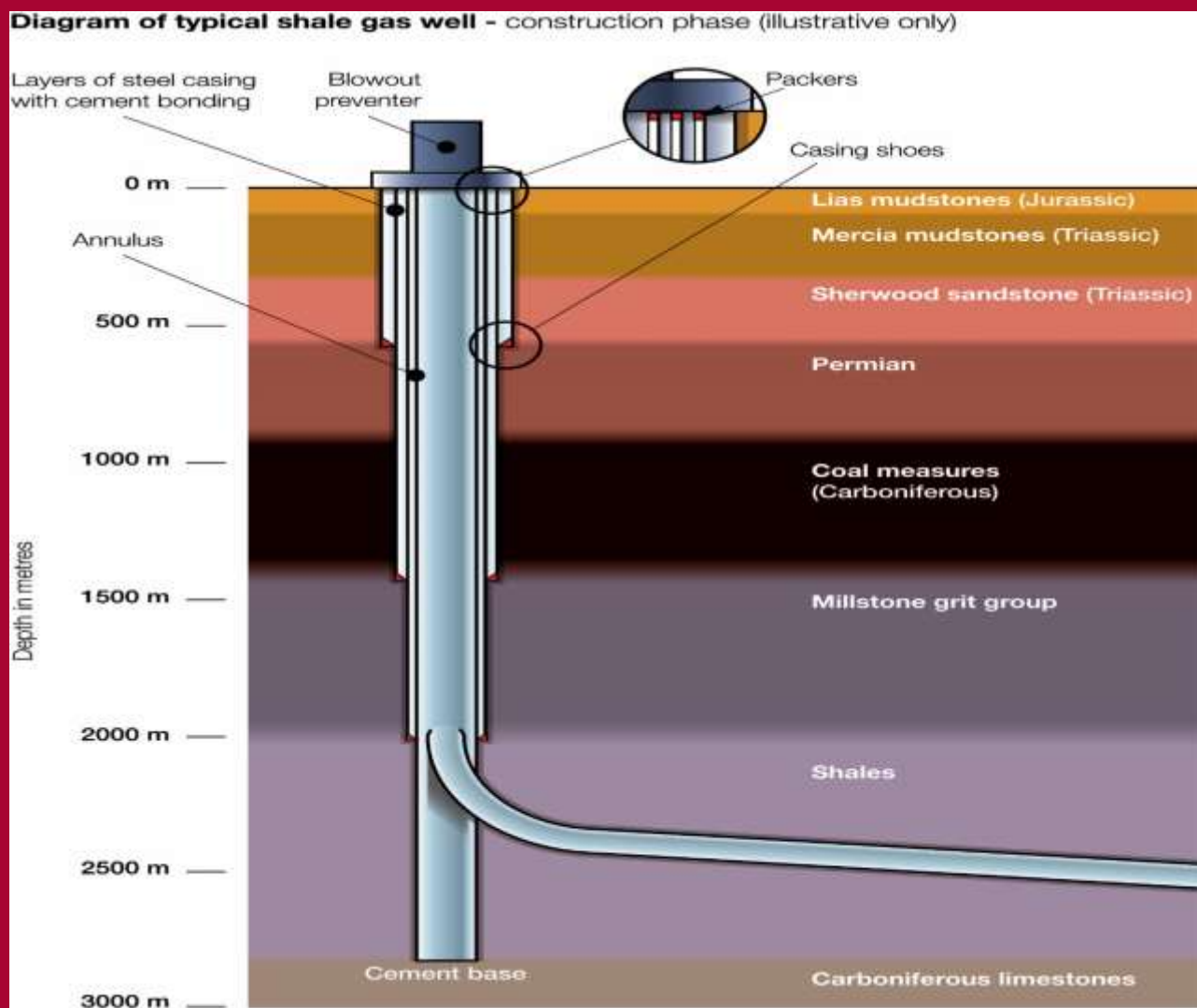
Lifecycle approach

Joint Regulation

Designing the well: notification



Designing the well: notification



Constructing the well: weekly report

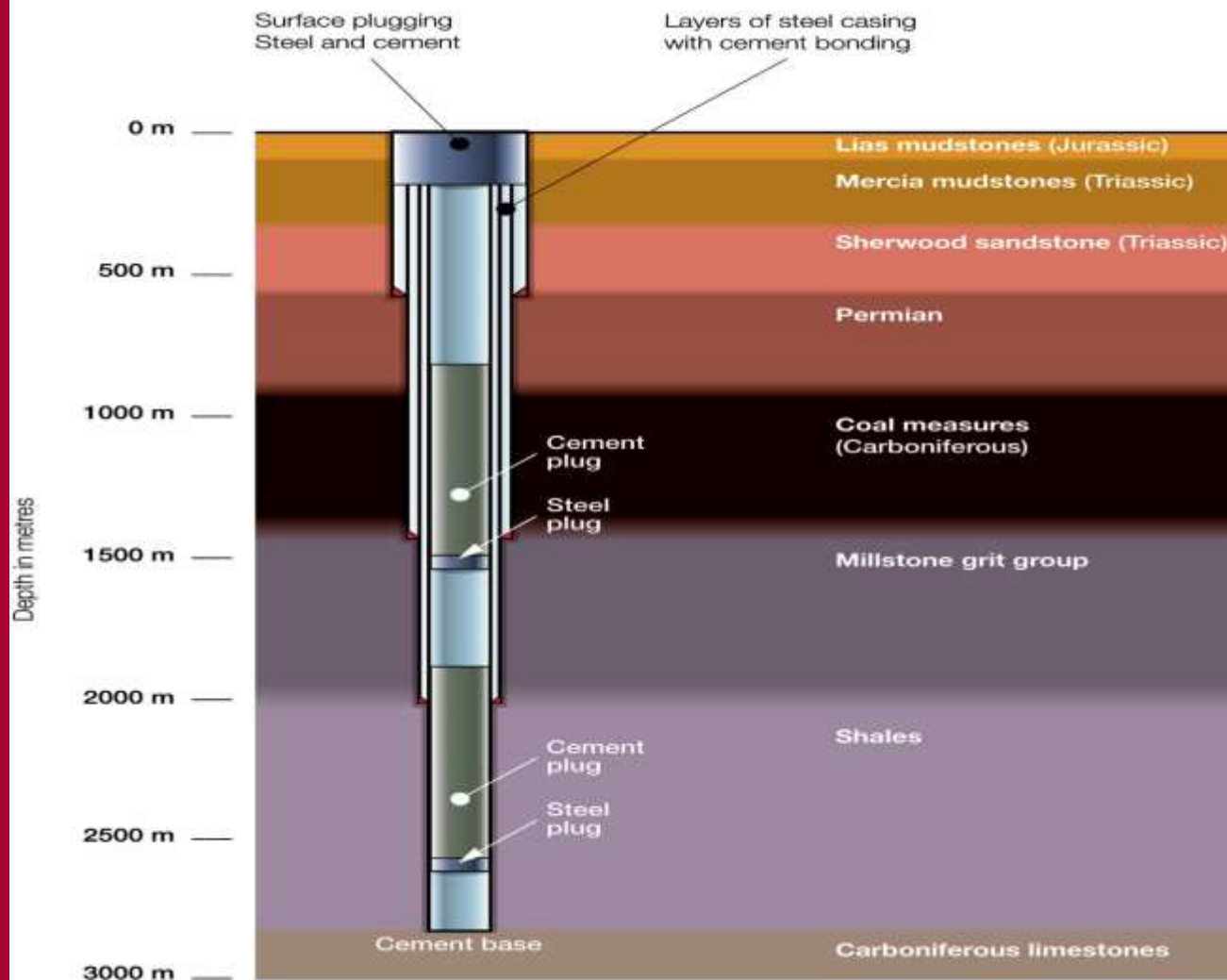
Details of:

- activity since the work started or since the last report,
- the diameter and depth of the borehole,
- the diameter and depth of the casing,
- drill fluid density

Purpose - to check against information in the notification and that the pressure in the well and the well's stability is as expected.

Decommissioning

Diagram of typical shale gas well - abandonment (illustrative only)



The independent well examiner

- Important quality control for the industry
- Independent competent person
- Assess well design, construction and maintenance.
- Review the proposed and actual well operations to confirm they meet the operator's policies and procedures, comply with HSE's Regulations and follow good industry practice.
- HSE checks that the operator has these arrangements in place for the complete lifecycle of the well from design through to final plugging and decommissioning

Summary

- The health and safety regime
- How HSE regulates
- How HSE and other regulators work together
- Independent Well Examiner