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Consents given under the Petroleum Act 1998 and Reviews under the Assessment of Environmental Effects Regulations 1999

Talisman

HALLEY FIELD

Pursuant to Regulation 5(8) of the above Regulations, the Secretary of State for Trade and Industry gives notice that, being content that the requirements of the above Regulations have been satisfied, he has, pursuant to Licence P185, granted a consent to Talisman North Sea U.K. Limited to the getting of petroleum and the construction of installations in relation to the development of the Halley Field. The consent for the Halley field took effect 25/01/01 and shall last 31/12/04.

Drilling and Well Completion

Drilling

FA 11 Water Injector

Hole Section	Mud type	Cuttings weight (tonnes)
26"	WBM	361
16"	OBM	Total use; see next table
12¼"	OBM	Total use; see next table
8 ½"	OBM	Total use; see next table

Additional WBM fluids discharged to sea 196 te

FA 34 Injector and proposed second injector for 2003

Hole Section	Mud type	Cuttings weight (tonnes)
16"	OBM	Total use; see below
12¼"	OBM	Total use; see below
8 ½"	OBM	Total use; see below
	TOTAL	4845*

Additional OBM fluids returned to shore 6431 te

**This includes 300 te/well (900 te) for side-track contingency*

Well Testing

A two week well test is planned, which will generate flaring a maximum of 892,000 m³ per day (14 X 892,000 = 12,488,000 m³) worst case. The figure will undoubtedly be less than this as maximum flaring will not occur on a daily basis.

Flaring

Additional gas produced from the Halley Field will justify the continued operation of the gas compression facilities on the Fulmar A platform. If the Halley Field is undeveloped, the gas compression train on the Fulmar A platform would be decommissioned and all gas from Fulmar A not required on the platform as fuel gas (whilst changing process operating conditions to maximise NGL recovery) would be flared. Therefore, development of the Halley Field provides additional gas extending the life of the compressor and a resultant environmental benefit from the projected reduction in flaring.

Decommissioning

Shell Expro will manage decommissioning of the Fulmar A platform in accordance with the regulatory regime prevalent at the time. All wells will be plugged and then cut below the level of the seabed and the wellheads and all equipment above the seabed will be removed.

Oil Spill Contingency Plan

An OSCP is currently in place for the Fulmar A platform and will be amended to accommodate the Halley Field. Modelling (30 knot wind) shows the time required for oil to reach the UK shoreline would be 150 hours and to reach the Norwegian coast would be 180 hours

Environmental Sensitivities and Impacts

Trans-boundary Effects

The Halley Field is 30 Km from the UK-Norwegian Median Line. Transboundary Effects were adequately addressed by additional information provided.

Atmospheric Emissions

Scrutiny of the emissions figures shows that this development will add 4.5% to the total UKCS emissions for a 14 day period and that during the first year, the project will add 0.8% to the total UKCS carbon dioxide emissions. These points have been adequately addressed after additional information was provided. Further clarification was received by e-mail on 13/9/00 concerning the worst case scenario.

Recommendation

Additional information on atmospheric emissions and the effect of potential oil/diesel spill over the UK-Norwegian Median Line was required. This was supplied and reviewed and therefore approval should be given for this development