Bilag 7

5.2.3 Mercury – Albuskjell 1/6A

All samples were analysed with respect to total mercury content. The results are shown in Table 5.2.2 documenting that mercury to some extent is present in all parts of the production equipment.

Extreme levels of mercury (> 10 000 mg/kg) were found in samples from the Pipe between the Production Separator and the Plate Separators (ALBA-13), the Oil and Gas Metering (ALBA-18 and ALBA-20) and the Oil Pig Launcher (ALBA-24).

Table 5.2.2: Summary of the results from the measurements of mercury content in Debris material in the production lines of **Albuskjell 1/6A**. Abbreviations: na – not analysed, Sep. – Separator, LP – Low Pressure, HP – High Pressure.

Sample ID	Description	Sampling Date	Mercury mg/kg
ALBA-1	Test Separator	11.03.05	2 679
ALBA-2	Production Separator	11.03.05	554
ALBA-3	Pig Launcher Gas	11.03.05	1 977
ALBA-4	Production Header (West)	11.03.05	224
ALBA-5	Test Header	11.03.05	112
ALBA-6	Production Header (East)	11.03.05	359
ALBA-7	Pig Launcher Oil	11.03.05	1 653
ALBA-8	Oil in Water Separator	11.03.05	19
ALBA-9	Plate Separator	11.03.05	114
ALBA-10	Plate Separator (B)	11.03.05	na
ALBA-11	Plate Separator (A)	11.03.05	na
ALBA-12	Degassing Pot	11.03.05	430
ALBA-13	Pipe between Production and Plate Sep.	11.03.05	41 481
ALBA-14	Glycol Contactor	21.01.06	710
ALBA-15	Fuel Gas Header	21.01.06	540
ALBA-16	Fuel Gas Heater	21.01.06	1 600
ALBA-17	Crude Oil Pumps	21.01.06	760
ALBA-18	Oil Metering	21.01.06	14 000
ALBA-19	Gas Meter A	21.01.06	4 700
ALBA-20	Gas Meter B	21.01.06	21 000
ALBA-21	Pipe to LP Flare	21.01.06	6 800
ALBA-22	Pipe to HP Flare	21.01.06	790
ALBA-23	Pipe to HP Flare (upper)	21.01.06	4 300
ALBA-24	Oil Pig Launcher	21.01.06	20 000