Box No. 1285 Item No. 13

BP AMOCO
RECORDS MANAGEMENT
AND LIBRARY
UOCS 16/8-1 W25

>7 577 00137 00

SOURCE ROCK SUMMARY CHART

COMPANY : CONOCO NORWAY WELL : 16/8-1 LOCATION : NORWEGIAN NORTH SEA

DEPTH (Thousands of metres)

LITHOLOGY

Green-grey and brown shales and mudstones

Lt-med gy calc sh/mdst

Dk gy sh

Red-brn and gy calc sh/siltst

1·0
1·5
2·0
2·5

ORGANIC CARBON % OF ROCK
0.1 0.3 0.5 0.75 1.0 2.5 5.0 10.0
Lean | Fair | Aver. | Above average

HYDROCARBONS PPM OF ROCK
50 100 250 500 1000 2500
Lean | Average | Above average

EXTRACT % OF ORGANIC CARBON
1 2.5 5 10 20 30 50
Gas-prone ⟷ Oil-prone | Contamin.

OIL RICHNESS
Poor | Fair | Good | Very good | Oil stain
Good gas source ✱

SAMPLE NUMBER
1 2 4 5 6 7 8 9 10 11 13 15 16 18 20 21 22 23 25 30 29 31 32 33 35 36 37 38 40 41 43 43A
Lithology symbols

LIKELY PRODUCT
Gas | Gas & oil | Oil & gas | Oil

PROSPECTIVE SECTIONS

EXINITE FLUORESCENCE
y Y y y Y

IMMATURE

TRANSITIONALLY MATURE

IMMATURE | MATURE | OIL PHASE-OUT | ORGANIC METAMORPHISM

EXINITE FLUORESCENCE Abundant exinite content R b Orange-brown O o Orange Y y Yellow G g Yellow-green
Moderate exinite content No observed fluorescence X

Drawing No. 068P/2424/3716

FIGURE 6