



Seismograph Service (England) Limited

SYNTHETIC SEISMOGRAM

(MARINE)

COMPANY NORSK HYDRO A/S

WELL 31/3-2

FIELD TROLL

COUNTRY NORWAY NORTH SEA

LOCATION
60° 52' 11.41" N
03° 40' 41.79" E

SOURCE OF PRINCIPAL DATA CALIBRATED SONIC LOG

SOURCE OF SUPPLEMENTARY DATA DENSITY LOG, LINE 8007 - 338

SOURCE AND TYPE AIR GUN ARRAY, 2000 psi

DEPTH OF SOURCE 7.5 m

DEPTH OF DETECTOR 9.5 m

SYNTHETIC TIME-LAYER INTERVAL .002 s TWO WAY

DEPTH SCALE NON LINEAR IN METRES

TWO-WAY TIME SCALE 10 cm/s

DATUM MSL

WATER VELOCITY 1478 m/s

DEPTH OF WATER 344 m

BASIC DATA DIGITISED CONTINUOUSLY IN DEPTH

VELOCITY MODEL USING CHECK LEVEL DATA

REMARKS The reflection coefficient created by the velocity interface at the top of the log is unrealistic and has not been included in the Synthetic Seismogram.

