nr 11

GEOGRAM

SYNTHETIC SEISMOGRAM

Schlumberger
Computer Processed Interpretation

COMPUTED USING THE FOLLOWING SERVICES

SONIC [X] DENSITY [X] WST [X] DIPMETER [ ]

COMPANY STATOIL

WELL 15/9-14

FIELD SLEIPNER

COUNTRY NORWAY

LOCATION COORDINATES

COMPUTING CENTER SKJ JOB REF S50060

ANALYST S. KHAN DATE 28-OCT-1982

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

LOG INFORMATION

TRUE VERTICAL DEPTH CORRECTION YES [ ] NO [X] UNIT FEET [ ] METERS [X]

SONIC TOOL SPACING 3.5 SONIC SONDE TYPE BHC

SONIC LOG CORRECTED BY WST YES [X] NO [ ]

SONIC TOP READING 244 BOTTOM READING 3548

DENSITY TOP READING 244 BOTTOM READING 3548

DENSITY LOG CORRECTED BY CORIBAND [ ] ANALYST [X] SARABAND [ ]

DENSITY TOOL TYPE LDT

STRUCTURAL DIP INPUT DATA

From depth	To depth	Dip	Azimuth

INFORMATION PROVIDED BY CLIENT YES [ ] NO [ ]

GEOGRAM

SEISMIC REFERENCE DATUM MSL

WAVELET FREQUENCIES [ ] Hz ZERO PHASE [ ] MINIMUM PHASE [ ] OTHER [ ]

POLARITY NORMAL [ ] REVERSE [ ] SHORT MULTIPLE TAT 32 ms

NOTE THE WAVELET PRESENTED CORRESPONDS TO A REFLECTION COEF OF 0.5

AZIMUTH OF SEISMIC LINE [ ] DEG NORTH DISTANCE BETWEEN TRACES [ ]

DISTANCE OF WELL TO SEISMIC LINE [ ] GEOGRAM SAMPLING RATE 2.0 ms

REMARKS

SCALE 10 cm/s.
DENSITY LOG CORRECTED USING BADHOLE FUNCTION .
SURFACE REFLECTION COEFFICIENT = -0.2

LOGS

GEOGRAM

DEPTH (SRD) 5500 / 5000 / 3000

AIMP (gm/cc•ft/s) 7000

WSTI (m/s)

RHOB (gm/cc) 1.8 2.2

MULT. ONLY
SHORT TERM

PRIM. + MULT.
SHORT TERM

PRIM + MULT.
GHOST

MULTIPLES
GHOST

PRIM. + MULT.

MULT. ONLY

PRIM. WITHOUT
TRANS. LOSS

PRIM. WITH
TRANS. LOSS

TWO WAY (SRD) TIME

1000 2000 3000

200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000 4200 4400