OR.284

ENCLOSURE 6

274232

Schlumberger

SYDNEY COMPUTING CENTRE

# GEOGRAM*

## (Synthetic Seismogram)

* A Mark of Schlumberger

| | | | |
|---|---|---|---|
| Company: | BRIDGE OIL LTD. | | |
| Well: | CHAT - 1 | | |
| Field: | WILDCAT | | |
| Country: | AUSTRALIA | | |
| Reference No: | 560203 | Interval: | 0.00 to 3105.00 |
| Date Logged: | 02/02/86 | Date Processed: | 03/02/86 |
| Location: | 040 10' 53.2" S | 146 47' 54.9" E | |
| Elevations: | KB: 25.3 M | DF: 25.0 M | GL: -81.4 M |
| Permanent Datum: | MSL | Depth Units: | METRES |

**LOG INFORMATION**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIELD RECORDING: | Engineer: | I. CHANDRA | Location: | VSA | Program Version: | 3E.2 | |
| COMPUTATION: | Analyst: | M. SANDERS | Centre: | SYJ | Baseline: | 14.2 | |

ELEVATION ABOVE MEAN SEA LEVEL

| | |
|---|---|
| Logging Datum: | 25.3 M |
| Seismic Reference Datum: | MSL |
| Sea Floor | -81.4 M |

Sonic Calibration By Check Shots: NO Sonic Edited By Analyst: YES

Two-Way Time Sample Interval: 2 ms Environment: offshore

True Vertical Depth Corrections Applied: NO
Source of True Vertical Depth Data:
Maximum Hole Deviation:

| Run | Date | Test Type | Bit Size/ Depth | Casing Size/ Depth | Top Depth | Bottom Depth |
|---|---|---|---|---|---|---|
| 1 | JAN/86 | DLS | 12 1/4" @ 914 M | 20" @ 254 M | 255 M | 914 M |
| 2 | 03/02/86 | DLS | 12 1/4" @ 3104 M | 13 3/8" @ 914 M | 914 M | 3105 M |

| WST Run | Date | Gun Offset | Accel Offset | Gun Elevation | Accelerometer Elevation | Gun Azimuth | Accel Azimuth |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

GEOGRAM MODEL ASSUMPTIONS

Equal time slice model of horizontal plane layers.
Plane acoustic waves at normal incidence.
No intrinsic attenuation.

POLARITY

An upgoing wave, reflected by an increase in acoustic impedance with depth, is displayed as a white trough under normal polarity.

SIGNATURES

All signatures displayed in the Geogram results correspond to a wavelet convolved with a reflection coefficient of -0.5 (A decrease in acoustic impedance with depth).

REMARKS

Sonic log interval 255 - 3109 metres below KB
Density log data not available
No checkshot data available
Time scale 3.75 in/sec

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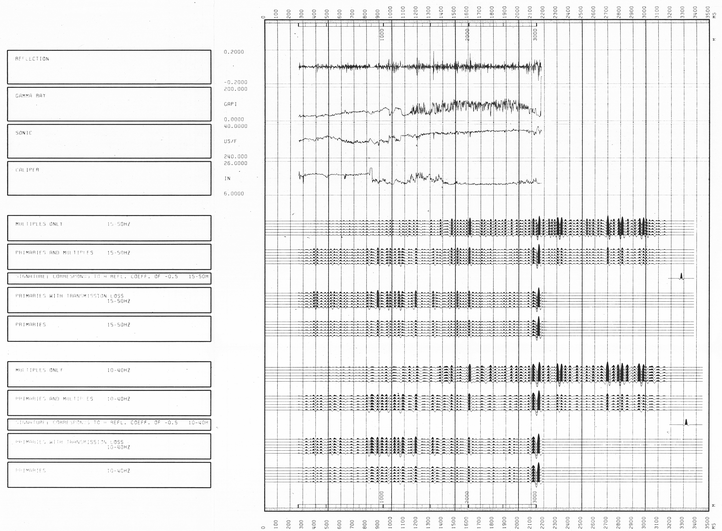
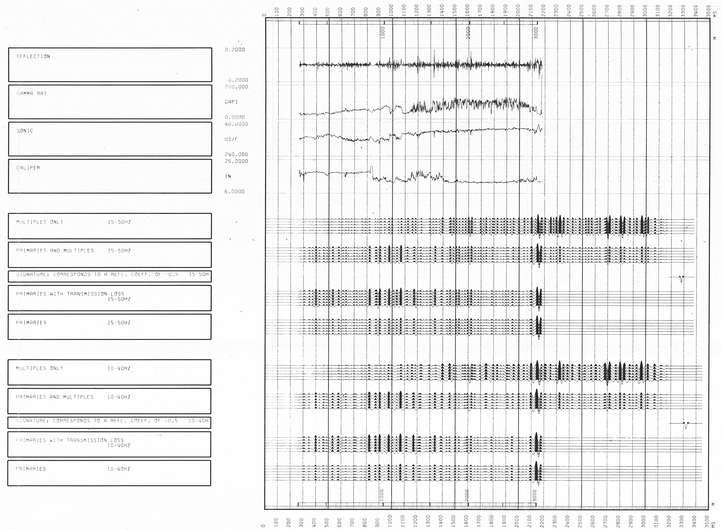
GEOGRAM FROM UNCALIB SONIC
BUTTERWORTH FILTERED
ZERO PHASE WAVELETS
NORMAL POLARITY

CHAT - 1




GEOGRAM FROM UNCALIB SONIC
BUTTERWORTH FILTERED
ZERO PHASE WAVELETS
REVERSE POLARITY

CHAT - 1




COMPANY BRIDGE OIL LTD.
FIELD WILDCAT
WELL CHAT - 1
COUNTRY AUSTRALIA

Schlumberger