

PGS EXPLORATION A/S

OBSERVERS LOG

Vessel: Orient Explorer
Client: Woodside Energy
Project: 2003084
Area: Victoria

Line: WO3ANT1036P1
Sequence: 006
Direction: 126°
Date: Sun Oct 26 2003

Document last printed / modified (PC date/time): 01 November 2003 18:31:01

Party Chief: Stephen Beer
Chief Observer: Udo Baer
Observers: Ian, Konstantin, Vladimir, Yuriy, Rafael

Sol/Eol Overview

| | TIME | FILE | SHOT | TAPE |
|------------|----------|------|------|-------|
| SOL | 00:27:31 | 151 | 1001 | 35626 |
| EOL | 05:24:08 | 2090 | 2944 | 35629 |
| | | FILE | SHOT | |
| FIRST GOOD | | 151 | 1001 | |
| LAST GOOD | | 2090 | 2944 | |

Miscellaneous

| | SOL | EOL | |
|---------------|--------------|--------------|--|
| Wind | SSW 15 knots | SSW 15 knots | |
| Sea State | SSW 2 m | SSW 2 m | |
| Ambient Noise | 5 µB | 5-6 µB | |
| Water Depth | 33.6 m | 52.6 m | |

Streamer Parameters

| | LENGTH | #TRACES | DEPTH | COMMENT |
|---------------------|--------|--------------------|-----------------|---------------------|
| Streamer #1 | 4050 m | 324 | 7.5 m (+/- 1 m) | Connected to MSTP 1 |
| Streamer #2 | 4050 m | 324 | 7.5 m (+/- 1 m) | Connected to MSTP 1 |
| Streamer #3 | 4050 m | 324 | 7.5 m (+/- 1 m) | Connected to MSTP 2 |
| Streamer #4 | 4050 m | 324 | 7.5 m (+/- 1 m) | Connected to MSTP 2 |
| Auxiliaries | n/a | 48 | n/a | Append to Str#1 |
| STREAMER SEPARATION | | SHOTPOINT INTERVAL | | GROUP INTERVAL |
| 100 m | | 18.75 m | | 12.5 m |

Source Parameters

| | SUBARRAYS | VOLUME | DEPTH | PRESSURE |
|--------------------------|-----------|-----------------|-------------------|----------|
| Starbord | 1,2,3 | 2500 cubic inch | 6 m | 1800 psi |
| Port | 4,5,6 | 2500 cubic inch | 6 m | 1800 psi |
| CENTRE SOURCE SEPARATION | | | STRING SEPARATION | |
| 50 m | | | 10 m | |

Recording Parameters

| RECORD LENGTH | START OF RECORD | SAMPLE RATE | TAPE FORMAT |
|----------------|-------------------|----------------------|------------------|
| 6 sec | 120 ms | 2 ms | SEGD 8058 binary |
| LO-CUT | HI-CUT | DIGITAL FILTER DELAY | |
| 3Hz @ 12dB/Oct | 206Hz @ 276dB/Oct | 0 ms | |

General/Line Comments

Data tapes : F35622 - F35625
Copy tapes : C35622 - C35625 (tape number on header the same as original tape)

SOL Feather: 0.2°South
EOL Feather: 0.5° North
Maximum Feather:2.2° South

Swell noise during the line

From SOL all cables set to 8.5m

From SOL to EOL bird DB04 lost communication

NDR - No data recorded @ SP 1197

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General/Line Comments

Channels to be edited:

Key: n=noisy, s=spiking, w=weak, d=dead, r=reversed polarity

Str#1: 36s 60s 204n 300n
Str#2: 123s 276n 299n 312n
Str#3:
Str#4: 36n 180n 300s 304s 305s

AUX -13 -25

General Comments:

Light, intermittent swell noise.
Ground roll throughout.

Syntrak Log corrupted from Shot 1264,1372,1453,1816,1990,2067,2105-2948. Data checked and good.

| Time | Reel | Unit | File | Shot | Event | Comment |
|----------|-------|------|------|------|--------------|--|
| 00:02:05 | 35626 | 0 | 100 | | BOT | Noise record |
| 00:19:56 | 35626 | 0 | 101 | 951 | | First shot of the day (Sun Oct 26 2003) |
| 00:27:31 | 35626 | 0 | 151 | 1001 | SOL, FGSP | Start of line / First good shot point (Local time 11:27) |
| | | | 286 | 1136 | GUN | Source spread error 2.2 |
| | | | 415 | 1265 | REC | SEGD Header byte 16772-16776 (Length of external Header and Spectra Program rev) corrupted |
| | | | | 1266 | NDR | No data recorded. |
| | | | 675 | 1526 | EOT | |
| 01:47:50 | 35627 | 1 | 676 | 1527 | BOT,REC | |
| | | | 703 | 1554 | GUN | Gun 6-1 delta error -1.3 |
| | | | 767 | 1618 | GUN | Source spread error 2.1 |
| | | | 811 | 1662 | GUN | Source spread error 2.2 |
| | | | | 1727 | NDR | No data recorded. |
| | | | 1086 | 1938 | REC | Nav header short |
| | | | 1251 | 2103 | EOT | |
| 03:15:34 | 35628 | 2 | 1252 | 2104 | BOT | |
| | | | 1524 | 2378 | GUN | Source spread error 2.1 |
| | | | 1827 | 2681 | EOT | |
| 04:43:46 | 35629 | 0 | 1828 | 2682 | BOT | Last full fold shot point |
| | | | 1982 | 2836 | LFFSP | Gun 6-10 delta error -1.4 |
| 05:24:08 | 35629 | 0 | 2045 | 2896 | GUN | End of line/Last good shot point (Local time 16:24) |
| | | | 2090 | 2944 | EOL/ LGSP | |
| | | | 2090 | | | Nav Qc shots |
| | | | 2091 | | | Nav Qc shots |
| | | | 2092 | | | Nav Qc shots |
| | | | 2093 | | | Nav Qc shots |
| 05:24:44 | 35629 | 0 | 2094 | | REC | Noise record |