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|--|---|
| Vessel: Orient Explorer<br>Client: Woodside Energy<br>Project: 2003084<br>Area: Victoria                                 | Line: W03ANT1044P1<br>Sequence: 018<br>Direction: 126°<br>Date: Mon Nov 03 2003 |
| Document last printed / modified (PC date/time): 07 November 2003 13:53:59   |   |
| Party Chief: Esben Jettestad<br>Chief Observer: Werner Beneke<br>Observers: Herbert, Alexander, Roman, Vladimir, Andrey. |   |

Sol/Eol Overview

|            | TIME     | FILE | SHOT | TAPE  |
|------------|----------|------|------|-------|
| SOL        | 14:01:56 | 151  | 1001 | 35671 |
| EOL        | 18:46:38 | 2090 | 2944 | 35674 |
|            |          | FILE | SHOT |       |
| FIRST GOOD |          | 151  | 1001 |       |
| LAST GOOD  |          | 2090 | 2944 |       |

Miscellaneous

|               | SOL       | EOL       |  |
|---------------|-----------|-----------|--|
| Wind          | light air | light air |  |
| Sea State     | 2.0 m     | 2.0 m     |  |
| Ambient Noise | 4 - 5µB   | 4 - 5µB   |  |
| Water Depth   | 26.7 m    | 55.2 m    |  |

Streamer Parameters

|                     | LENGTH | #TRACES            | DEPTH         | COMMENT             |
|---------------------|--------|--------------------|---------------|---------------------|
| Streamer #1         | 4050 m | 324                | 8 m (+/- 1 m) | Connected to MSTP 1 |
| Streamer #2         | 4050 m | 324                | 8 m (+/- 1 m) | Connected to MSTP 1 |
| Streamer #3         | 4050 m | 324                | 8 m (+/- 1 m) | Connected to MSTP 2 |
| Streamer #4         | 4050 m | 324                | 8 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 : F35671, F35672, F35673, F35674  
Copy tapes : C35671, C35672, C35673, C35674 ( tape number on header the same as original tape )

SOL Feather: 0.7S  
EOL Feather: 1.3N  
Maximum Feather: 1.3N

Channels to be edited:  
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Key: n=noisy, s=spiking, w=weak, d=dead, r=reversed polarity

Str#1: 300n  
Str#2: 299n  
Str#3: 254s  
Str#4:

AUX -10 -13 -19 -24 -25 -45

PGS EXPLORATION A/S

OBSERVERS LOG

Vessel: Orient Explorer  
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Area: Victoria

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General/Line Comments

QC Comments:

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Streamer 1:  
Streamer 2:  
Streamer 3:  
Streamer 4:  
  
All streamers:  
Low level tugging noise on all streamers affecting near 20 channels (up to 10 uBar above background).  
Mud (ground) roll throughout line.  
Ship noise visible from Shot 2600-EOL (>10 uB above Background Noise)  
  
  
Only Extraction Errors confirmed as Bad Shots are logged.  
Syntrak Log corrupted for shots 1253,2107,2260. Data checked and Good.  
  
From SOL to EOL Bird 16 Str#4 occasionally deep ( max depth 9.4m )

| Time     | Reel  | Unit | File | Shot | Event        | Comment   |
|----------|-------|------|------|------|--------------|---|
| 13:51:39 | 35671 | 2    | 100  |      | BOT          | Noise record                                      |
| 13:54:41 | 35671 | 2    | 101  | 951  |              | 50 Dummy shots before SOL                         |
|          |       |      | 109  | 959  | REC          | Extraction counts error                           |
| 14:01:56 | 35671 | 2    | 151  | 1001 | SOL,<br>FGSP | Start of line/First good shot point               |
|          |       |      | 154  | 1004 | GUN          | Gun 6-1 delta error -1.6; Source spread error 2.1 |
|          |       |      | 246  | 1096 | REC          | Bad Str.3 : Extraction counts error               |
|          |       |      | 247  | 1097 | REC          | Bad Str.3 : Extraction counts error               |
|          |       |      | 248  | 1098 | REC          | Bad Str.3 : Extraction counts error               |
|          |       |      |      |      | NDR          | No Data Recorded From Shot 1101-1104              |
|          |       |      | 283  | 1137 | REC          | Bad Str.3 : Extraction counts error               |
|          |       |      | 675  | 1529 | EOT          |   |
| 15:18:49 | 35672 | 0    | 676  | 1530 | BOT          |   |
|          |       |      | 1001 | 1855 | GUN          | Source spread error 2.2                           |
|          |       |      | 1035 | 1889 | GUN          | Gun 3-3 delta error -1.3                          |
|          |       |      | 1089 | 1943 | GUN          | Gun 1-3 delta error 1.4                           |
|          |       |      | 1217 | 2071 | GUN          | Gun 2-2 delta error -1.6; Source spread error 2.2 |
|          |       |      | 1251 | 2105 | EOT          |   |
| 16:42:50 | 35673 | 1    | 1252 | 2106 | BOT          |   |
|          |       |      | 1482 | 2336 | GUN          | Gun 6-1 delta error -1.6                          |
|          |       |      | 1584 | 2438 | GUN          | Gun 6-1 delta error -1.4                          |
|          |       |      | 1686 | 2540 | GUN          | Gun 6-1 delta error -1.3                          |
|          |       |      | 1827 | 2681 | EOT          |   |
| 18:08:25 | 35674 | 2    | 1828 | 2682 | BOT          |   |
|          |       |      | 1926 | 2780 | GUN          | Gun 6-1 delta error -1.3                          |
|          |       |      | 1954 | 2808 | GUN          | Gun 6-1 delta error 1.6                           |
|          |       |      | 1956 | 2810 | GUN          | Gun 6-1 delta error 1.4                           |
|          |       |      | 1968 | 2822 | GUN          | Gun 6-1 delta error 1.7                           |
| 18:30:55 | 35674 | 2    | 1982 | 2836 | LFFSP        | Last full fold shot point                         |
| 18:46:38 |       | 2    | 2090 | 2944 | EOL,<br>LGSP | End of line/Last good shot point                  |
|          |       |      | 2091 |      |              | Nav Qc shots                                      |
|          |       |      | 2092 |      |              | Nav Qc shots                                      |
|          |       |      | 2093 |      |              | Nav Qc shots                                      |
|          |       |      | 2094 |      |              | Nav Qc shots                                      |
| 18:47:11 |       | 2    | 2095 |      |              | Noise record                                      |