

PGS EXPLORATION A/S

OBSERVERS LOG

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

Line: W03ANT1148P1  
Sequence: 005  
Direction: 306°  
Date: Sat Oct 25 2003

Document last printed / modified (PC date/time): 01 November 2003 18:21:07

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

Sol/Eol Overview

	TIME	FILE	SHOT	TAPE
SOL	17:32:16	151	2836	35622
EOL	21:55:06	2094	893	35625

	FILE	SHOT	
FIRST GOOD LAST GOOD	151 2094	2836 893	

Miscellaneous

	SOL	EOL	
Wind Sea State Ambient Noise Water Depth	S 25 knots S 3.0m 5 µB 56.9 m	SW 18 knots SW 2.5 m 5 µB 38.9 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:

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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:

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Light, intermittent swell noise.  
Ground roll throughout.

Syntrak Log corrupted from Shot 2351-2273, 2213, 1158. Data checked and good.

Time	Reel	Unit	File	Shot	Event	Comment
17:18:39	35622	2	100		BOT	Noise record
17:25:39	35622	2	101	2886		
			125	2862	GUN	Gun 6-1 delta error -1.7; Source spread error 2.1
17:32:16	35622	2	151	2836	SOLFGSP	Start of line / First good SP ( Local time 04:32 )
			217	2770	GUN	Source spread error 2.3
			224	2763	GUN	Gun 3-2 delta error 1.6
			335	2652	GUN	Gun 6-1 delta error -1.8; Source spread error 2.3
			373	2614	GUN	Gun 6-1 delta error -1.7; Source spread error 2.4
			383	2604	GUN	Gun 6-1 delta error -1.3
			536	2451	GUN	Gun 3-2 delta error 1.5
			675	2312	EOT	
18:40:50	35623	0	676	2311	BOT	
			767	2220	GUN	Gun 6-1 delta error -1.6; Source spread error 2.5
			836	2151	GUN	Gun 3-2 delta error 1.6
			886	2101	GUN	Gun 3-2 delta error 1.4
			939	2048	GUN	Gun 6-1 delta error -1.6
			947	2040	GUN	Gun 6-1 delta error -1.4
			995	1992	GUN	Gun 6-1 delta error -1.6; Gun 6-10 delta error 1.2; Source spread error 2.9
			997	1990	GUN	Gun 6-1 delta error -1.4; Source spread error 2.1
			1251	1736	EOT	
19:59:52	35624	1	1252	1735	BOT	
			1285	1702	GUN	Gun 6-1 delta error -1.4; Source spread error 2.1
			1405	1582	GUN	Gun 6-1 delta error -1.4
			1499	1488	GUN	Gun 6-1 delta error -1.4
			1671	1316	GUN	Gun 6-1 delta error 1.4
			1683	1304	GUN	Gun 6-1 delta error -1.6
				1197	NDR	No data recorded.
			1809	1178	GUN	Gun 6-1 delta error -1.7; Source spread error 2.7
			1827	1160	EOT	
21:18:20	35625	2	1828	1159	BOT	
			1913	1074	GUN	Gun 6-1 delta error -1.4
			2089	898	GUN	Gun 6-1 delta error -2.0; Source spread error 2.2
21:55:06	35625	2	2094	893	EOL, LGSP	End of line / Last good shot point ( Local time 08:55 )
			2095			Nav Qc shots
			2096			Nav Qc shots
			2097			Nav Qc shots
			2098			Nav Qc shots
21:55:40	35625	2	2099		EOT	Noise record