

PGS EXPLORATION A/S		OBSERVERS LOG	
Vessel: Orient Explorer Client: Woodside Energy Project: 2003084 Area: Victoria		Line: W03ANT1004P1 Sequence: Fullarray Direction: Date: Mon Oct 27 2003	
Document last printed / modified (PC date/time): 28 October 2003 23:41:01			

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Near Field Measurement

Full Array Testing

Sol/Eol Overview

	TIME	FILE	SHOT	TAPE
SOL	03:16:22	10	1003	0
EOL	00:00:00	0	889	0

	FILE	SHOT	
FIRST GOOD	11	1003	
LAST GOOD	0	0	

Miscellaneous

	SOL	EOL	
Wind Sea State Ambient Noise Water Depth	36.8 m	0 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

100 Files Full array Volume (Flip Flop) 50 Files each array Recorded on 48 Aux Channels initilized as Seismic Channels

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Time	Reel	Unit	File	Shot	Event	Comment
03:16:11	0	0	10		BOT	Noise record
03:16:22	0	0	11	1003	SOL,GUN	Start of line / Guns firing out of sequence
			24	1016	GUN	Gun 1-1 delta error 1.9; Source spread error 2.1
			26	1018	GUN	Gun 1-1 delta error 1.2; Gun 1-2 delta error 1.1
			28	1020	GUN	Gun 1-2 delta error 2.2; Gun 1-3 delta error 1.5; Source spread error 2.5
			30	1022	GUN	Gun 1-2 delta error 1.7; Gun 1-3 delta error 2.4; Source spread error 2.7
			32	1024	GUN	Gun 1-2 delta error 1.3; Gun 1-3 delta error 2.1; Source spread error 2.3
			34	1026	GUN	Gun 1-3 delta error 1.5; Gun 1-6 delta error 1.6; Source spread error 2.4
			36	1028	GUN	Gun 1-6 delta error 1.2; Gun 1-7 delta error 1.4; Gun 1-8 delta error 3.2; Gun 1-9 delta error 1.4; Source spread error 3.8
			38	1030	GUN	Gun 1-7 delta error 1.3; Gun 1-8 delta error 3.2; Gun 1-9 delta error 1.2; Gun 1-10 delta error 1.7; Gun 1-11 delta error 1.5; Source spread error 3.6
			40	1032	GUN	Gun 1-7 delta error 1.0; Gun 1-8 delta error 3.1; Gun 1-10 delta error 1.6; Gun 1-11 delta error 1.8; Source spread error 3.3
			42	1034	GUN	Gun 1-8 delta error 2.8; Gun 1-10 delta error 1.2; Gun 1-11 delta error 1.2; Source spread error 3.1
			43	1035	GUN	Gun 6-9 delta error 2.3; Gun 6-10 delta error 1.2; Gun 6-11 delta error 1.5; Source spread error 2.4
			44	1036	GUN	Gun 1-8 delta error 1.9; Gun 1-10 delta error 1.1; Gun 1-11 delta error 1.0; Source spread error 2.1
			45	1037	GUN	Gun 6-8 delta error 1.3; Gun 6-9 delta error 1.3; Gun 6-10 delta error 1.2; Gun 6-11 delta error 2.0; Source spread error 2.5
			46	1038	GUN	Gun 1-8 delta error 1.2
			47	1039	GUN	Gun 6-5 delta error 1.6; Gun 6-6 delta error 2.5; Gun 6-7 delta error 1.7; Gun 6-8 delta error 1.6; Gun 6-9 delta error 1.7; Gun 6-11 delta error 1.3; Source spread error 3.0
			49	1041	GUN	Gun 6-2 delta error 1.5; Gun 6-3 delta error 1.6; Gun 6-4 delta error 1.5; Gun 6-5 delta error 1.5; Gun 6-6 delta error 2.4; Gun 6-7 delta error 1.6; Gun 6-8 delta error 1.6; Gun 6-9 delta error 1.3; Source spread error 2.9
			51	1043	GUN	Gun 6-2 delta error 1.4; Gun 6-3 delta error 1.4; Gun 6-4 delta error 1.4; Gun 6-5 delta error 1.0; Gun 6-6 delta error 2.0; Source spread error 2.5
			53	1045	GUN	Gun 6-1 delta error 1.9; Gun 6-2 delta error 1.2; Gun 6-3 delta error 1.1; Gun 6-4 delta error 1.0; Gun 6-6 delta error 1.6; Source spread error 2.7
			55	1047	GUN	Gun 6-1 delta error 1.3; Gun 4-1 delta error 1.6; Gun 4-2 delta error 1.6; Gun 4-3 delta error 1.5; Gun 4-4 delta error 1.4; Gun 4-5 delta error 1.5; Source spread error 2.4
			57	1049	GUN	Multiple Gun Errors - (Bad Shot)
			59	1051	GUN	Gun 4-1 delta error 1.1; Gun 4-4 delta error 1.0; Gun 4-5 delta error 1.1; Gun 4-6 delta error 1.4; Gun 4-7 delta error 1.3; Gun 4-8 delta error 1.4; Gun 4-9 delta error 1.1; Gun 4-10 delta error 1.3; Gun 4-11 delta error 3.3; Source spread error 4.2
			60	1052	GUN	Gun 3-7 delta error 1.5; Gun 3-8 delta error 1.8; Gun 3-9 delta error 1.5; Gun 3-10 delta error 1.4; Gun 3-11 delta error 1.5; Source spread error 2.2
			61	1053	GUN	Gun 4-5 delta error 1.1; Gun 4-6 delta error 1.0; Gun 4-7 delta error 1.0; Gun 4-8 delta error 1.0; Gun 4-11 delta error 2.9; Source spread error 3.8
			62	1054	GUN	Multiple Gun Errors - (Bad Shot)
			63	1055	GUN	Gun 4-11 delta error 2.6; Source spread error 2.9
			64	1056	GUN	Multiple Gun Errors - (Bad Shot)
			65	1057	GUN	Gun 4-11 delta error 1.8
			66	1058	GUN	Gun 3-1 delta error 2.8; Gun 3-3 delta error 2.8; Gun 3-4 delta error 2.6; Gun 3-5 delta error 2.8; Gun 3-6 delta error 2.5; Gun 3-8 delta error 1.8; Source spread error 2.8
			68	1060	GUN	Gun 3-1 delta error 2.0; Gun 3-3 delta error 2.3; Gun 3-4 delta error 1.8; Gun 3-5 delta error 2.2; Gun 3-6 delta error 2.0; Source spread error 2.5
			70	1062	GUN	Gun 3-1 delta error 1.8; Gun 3-3 delta error 1.2; Gun 3-4 delta error 1.1; Gun 3-5 delta error 1.5; Gun 3-6 delta error 1.4; Source spread error 2.1
			74	1066	GUN	Gun 2-1 delta error 1.5; Gun 2-2 delta error 1.5; Gun 2-5 delta error 1.4
			76	1068	GUN	Gun 2-1 delta error 1.6; Gun 2-2 delta error 1.6; Gun 2-5 delta error 1.3; Gun 2-6 delta error 1.7; Gun 2-7 delta error 1.6; Gun 2-8 delta error 1.5; Source spread error 2.1
			78	1070	GUN	Gun 2-1 delta error 1.4; Gun 2-2 delta error 1.0; Gun 2-5 delta error 1.0; Gun 2-6 delta error 1.5; Gun 2-7 delta error 1.6; Gun 2-8 delta error 1.5; Gun 2-10 delta error 1.5; Gun 2-11 delta error 1.5; Source spread error 2.2
			80	1072	GUN	Gun 2-1 delta error 1.1; Gun 2-6 delta error 1.2; Gun 2-7 delta error 1.3; Gun 2-8 delta error 1.4; Gun 2-10 delta error 1.7; Gun 2-11 delta error 1.5
			81	1073	GUN	Seq.[2] Gun Volume change - previous 3430, current 3330; Gun 5-11 misfire
			83	1075	GUN	Gun 5-11 misfire
			85	1077	GUN	Gun 5-11 Disabled
			87	1079	GUN	Gun 5-11 Enabled; Gun 5-11 misfire
			89	1081	GUN	Seq.[2] Gun Volume change - previous 3330, current 3430
			91	1083	GUN	Seq.[2] Gun Volume change - previous 3430, current 3330; Gun 5-10 delta error 1.7; Gun 5-11

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Time	Reel	Unit	File	Shot	Event	Comment
03:33:02	0	0				Seq.[2] Gun Volume change - previous 3430, current 3330; Gun 5-10 delta error 1.7; Gun 5-11 misfire
			93	1085	GUN	Gun 6-9 delta error 1.0; Gun 5-10 delta error 1.5; Gun 5-11 misfire
			95	1087	GUN	Gun 5-6 delta error 1.6; Gun 5-8 delta error 1.5; Gun 5-10 delta error 1.4; Source spread error 2.2; Gun 5-11 misfire
			97	1089	GUN	Seq.[2] Gun Volume change - previous 3330, current 3430; Gun 5-4 delta error 1.6; Gun 5-5 delta error 1.4; Gun 5-6 delta error 1.3; Gun 5-8 delta error 1.5; Gun 5-11 delta error 1.1
			99	1091	GUN	Gun 5-1 delta error 1.6; Gun 5-2 delta error 3.1; Gun 5-4 delta error 1.4; Gun 5-5 delta error 1.3; Gun 5-6 delta error 1.0; Gun 5-8 delta error 1.2; Gun 5-11 delta error 1.0; Source spread error 3.5
			101	1093	GUN	Seq.[2] Gun Volume change - previous 3430, current 3330; Gun 5-1 delta error 1.2; Gun 5-2 delta error 2.7; Gun 5-4 delta error 1.0; Source spread error 3.1; Gun 5-11 misfire
			103	1095	GUN	Seq.[2] Gun Volume change - previous 3330, current 3430; Gun 5-2 delta error 2.5; Source spread error 2.8
			105	1097	GUN	Gun 5-2 delta error 2.3; Source spread error 3.2
			107	1099	GUN	Gun 5-2 delta error 1.2
			111	1103	GUN	Seq.[2] Gun Volume change - previous 3430, current 3330; Gun 5-11 misfire
			111	1103		Nav Qc shots
						End of Test
					NB	OVP Record name => 3590