

PGS EXPLORATION A/S

OBSERVERS LOG

Vessel: Orient Explorer Client: Woodside Energy Project: 2003084 Area: Victoria	Line: BUBBLE TEST Array 6 &3 Sequence: Direction: 126° Date: Fri Oct 24 2003
Document last printed / modified (PC date/time): 28 October 2003 10:41:43	
Party Chief: Stephen Beer Chief Observer: Udo Baer Observers: Herbert, Konstantin, Vladimir, Yuriy, Rafael	

Sol/Eol Overview

	TIME	FILE	SHOT	TAPE
SOL	14:46:45	1	1	1
EOL	15:10:46	110	110	1

Miscellaneous

	SOL	EOL	
Wind	20	20	
Sea State	2 m sw swell	2 sw swell	
Ambient Noise			
Water Depth	34.8 m	35.5 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

Bubble Test Gun Array 3 and 6
Aux Channels has been initilized as 48 Seismic Channels.
Due to time constrains we had to do this bubble test during our line change, therefore we managed only two Arrays per line change. Total bubble Test consists of 4 Data Tapes...
Test has been done in Flip- Flop Shooting Started with Gun 6.1 then Gun 3.1 , then Gun 6.1 then 3.1, total of 10 pops(each Gun 5 pops)

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Time	Reel	Unit	File	Shot	Event	Comment	
16:40:46	1	0	1		BOT,SOL, GUN	Gun 6-1	250 cu inch gun aux ch 42
	1	0	10			Gun 3-1	250 cu inch gun aux ch 21
			11			Gun 6-2	250 cu inch gun aux ch 42
			20			Gun 3-2	250 cu inch gun aux ch 21
			21			Gun 6-3	150 cu inch gun aux ch 43
			30			Gun 3-3	150 cu inch gun aux ch 22
			31			Gun 6-4	150 cu inch gun aux ch 43
			40			Gun 3-4	150 cu inch gun aux ch 22
			41			Gun 6-5	70 cu inch gun aux ch 44
			50			Gun 3-5	70 cu inch gun aux ch 23
			51			Gun 6-6	40 cu inch gun aux ch 45
			60			Gun 3-6	40 cu inch gun aux ch 24
			61			Gun 6-7	60 cu inch gun aux ch 46
			70			Gun 3-7	60 cu inch gun aux ch 25
			71			Gun 6-8	100 cu inch gun aux ch 47
			80			Gun 3-8	100 cu inch gun aux ch 26
			81			Gun 6-9	100 cu inch gun aux ch 47
			90			Gun 3-9	100 cu inch gun aux ch 26
			91			Gun 6-10	100 cu inch gun aux ch 48
			100			Gun 3-10	100 cu inch gun aux ch 27
			101			Gun 6-11	100 cu inch gun aux ch 48
			110			Gun 3-11	100 cu inch gun aux ch 27