

PGS EXPLORATION A/S

OBSERVERS LOG

Vessel: Orient Explorer Client: Woodside Energy Project: 2003084 Area: Victoria	Line: W03ANT1092P1 Sequence: 14 Direction: 126° Date: Sat Nov 01 2003
Document last printed / modified (PC date/time): 05 November 2003 16:06:17	
Party Chief: Esben Jettestad Chief Observer: Werner Beneke Observers: Herbert, Vladimir, Roman	

Sol/Eol Overview

	TIME	FILE	SHOT	TAPE
SOL	03:13:15	249	1100	35656
EOL	07:41:15	5731	2944	35662
		FILE	SHOT	
FIRST GOOD		249	1100	
LAST GOOD		5731	2944	

Miscellaneous

	SOL	EOL	
Wind	W 10 knots	W 10 knots	
Sea State	2 m	2 m	
Ambient Noise	5 µB	5 µB	
Water Depth	53.9 m	53 m	

Streamer Parameters

	LENGTH	#TRACES	DEPTH	COMMENT
Streamer #1	4050 m	324	8.5 m (+/- 1 m)	Connected to MSTP 1
Streamer #2	4050 m	324	8.5 m (+/- 1 m)	Connected to MSTP 1
Streamer #3	4050 m	324	8.5 m (+/- 1 m)	Connected to MSTP 2
Streamer #4	4050 m	324	8.5 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 : F35656, F35657, F35658, F35659 (NTBP), F35660 (NTBP), F35661, F35662 Copy tapes : C35656, C35657, C35658, C35659 (NTBP), C35660 (NTBP), C35661, C35662 (tape number on header the same as original tape)
SOL Feather: 1.5° North EOL Feather: 0.7° North Maximum Feather: 1.5° North
Channels to be edited: _____
Key: n=noisy, s=spiking, w=weak, d=dead, r=reversed polarity
Str#1: 204n 300n Str#2: 123n 299n 312n Str#3: 254s Str#4:
AUX -13 -25 -45

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General/Line Comments

QC Comments:

Streamer 1:

Streamer 2:

Streamer 3:

Streamer 4:

All streamers:

Low level swell noise throughout line above 20uBar affecting 1% of channels,

Low level tugging noise on all streamers affecting near 10 channels (up to 12 uBar above background),

Very strong mud (ground) roll at start of line.

Syntrak log corrupted for shots 2252-2274, 2426-2553, 2788-2916. Data checked and good.

Streamer Depth 8.5

First good Shot point #1100, Fist good File #249 d\t Gun controller not firing.

Bird 1B Str2 occasionally deep (max depth 11 m)

Bird 13D Str4 occasionally deep (max depth 10.7 m).

From SP#1900 to SP#1974: Bird 9D Str4 occasionally deep (max depth 10.2m).

Time	Reel	Unit	File	Shot	Event	Comment
02:59:43	35656	0	155		BOT	Noise record
02:59:52	35656	0	156			
			157	1007		Source spread error2.2
02:59:47	35656	0	167	1017		From SP#1017 to SP#1099 Gun controller not firing
03:13:15	35656	0	249	1100	SOL/ FGSP	Start of Line\First good SP\Guns firing out of sequence
03:19:26	35656	0	291	1142	GUN	Guns firing in correct sequence
			675	1526	EOT	
04:15:24	35657	1	676	1527	BOT	Gun 6-1 delta error -1.6, Sourse spresd error 2.1 Gun 6-1 delta error -1.6, Gun 6-11 delta error 1.0, Sourse spresd error 2.7
			709	1560	GUN	
			761	1612	GUN	
			1251	2102	EOT	
05:46:10	35658	2	1252	2103	BOT	Last good SP before Syntrak crash
			1260	2111	REC	
			1261	2112	NDR	
	35659				BOT,EOT	NTBP (Not To Be Processed)
	35660				BOT,EOT	NTBP (Not To Be Processed)
05:56:33	35661	2	5000	2211	REC	First good SP after SYNTRAK restart
				2221	NDR	No data recorded
				2222	NDR	No data recorded
			5134	2347	GUN	Gun 2-1 delta error 1.4
			5453	2666	GUN	Gun delta error -1.4, Sourse spread error 2.3
			5505	2718	GUN	Gun delta error 1.4
07:18:45	35661	2	5575	2788	EOT	
07:18:54	35662	1	5576	2789	BOT	Last good SP\ End of line +4 Dummy Shots
07:41:15	35662	1	5731	2944	EOL/ LGSP	
07:43:02	35662	1	5736			
						Noise record