

PGS EXPLORATION A/S

OBSERVERS LOG

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

Line: W03ANT1212P1  
Sequence: 032  
Direction: 306°  
Date: Fri Nov 07 2003

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Party Chief: Esben Jettestad  
Chief Observer: Werner Beneke  
Observers: Herbert, Alexander, Roman, Vladimir, Andrey. Checked by Alfie.

No Data Recorded @ SP's: 1928 - 1773 d/t Syntrak crash.

Sol/Eol Overview

	TIME	FILE	SHOT	TAPE
SOL	12:49:55	151	2525	35732
EOL	16:41:55	5877	893	35736

	FILE	SHOT	
FIRST GOOD	151	2525	
LAST GOOD	5877	893	

Miscellaneous

	SOL	EOL	
Wind	Calm	Calm	
Sea State	Swell SW 2.0m	Swell SW 2.0m	
Ambient Noise	4µB	5µB	
Water Depth	43.3 m	40 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 : F35732, F35733, F35734, F35735, F35736  
Copy tapes : C35732, C35733, C35734, C35735, C35736 ( tape number on header the same as original tape )

SOL Feather: 0.6°N  
EOL Feather: 1.2°S  
Maximum Feather: 1.2°S

Channels to be edited:  
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## General/Line Comments

**Key: n=noisy, s=spiking, w=weak, d=dead, r=reversed polarity**

Str#1: 300n  
 Str#2: 299n 312n  
 Str#3:  
 Str#4: 13n 204n

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

## QC Comments:

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 Streamer 1:  
 Streamer 2:  
 Streamer 3:  
 Streamer 4:

## All streamers:

Low level intermittent tugging noise on all streamers affecting near 10 channels (up to 10 uBar above background),  
 Mud (ground) roll throughout line,  
 Low level ship noise @SP.2525-2410 (up to 4uBar above background)

Syntrak corrupted @SP.2423-2316, 1116. Data checked and good

No Data Recorded from SP. 1928 to 1773 dt Syntrak crash

Time	Reel	Unit	File	Shot	Event	Comment
12:35:32	35732	1	100		BOT	Noise record
12:43:00	35732	1	101	2575		50 Dummy Shots before SOL
12:49:55	35732	1	151	2525	SOL/ FGSP	Start of Line / First good Shot Point on Line
			362	2314	GUN	Source spread error 2.1
			426	2250	GUN	Gun 6-11 delta error 1.4
			440	2236	GUN	Gun 6-1 delta error -1.3
				2192	NDR	No data recorded.
			496	2180	GUN	Gun 6-1 delta error -1.3
			606	2070	GUN	Gun 6-1 delta error -1.5; Source spread error 2.2
			675	2001	EOT	
14:03:24	35733	2	676	2000	BOT	
			683	1993	GUN	Gun 3-3 delta error -1.3
			693	1983	GUN	Gun 3-3 delta error -1.4
			747	1929	EOT, LGSP	Last good shot point before SYNTRAK hang up
					NDR	No Data Recorded from SP. 1928 to 1773 dt Syntrak crash
14:35:55	35734	0	5000	1772	BOT, FGSP	First good shot point after restart SYNTRAK
			5081	1691	GUN	Gun 3-3 delta error -1.3
			5102	1670	GUN	Source spread error 2.1
			5109	1663	BOT,GUN	Gun 3-3 delta error -1.5
			5175	1597	GUN	Gun 3-3 delta error -1.3
			5194	1578	GUN	Gun 6-1 delta error -1.3
			5277	1495	GUN	Gun 3-3 delta error -1.3
			5278	1494	GUN	Gun 6-1 delta error -1.3
			5341	1431	GUN	Gun 3-3 delta error -1.3
			5441	1331	GUN	Gun 3-3 delta error -1.4
				1294	NDR	No data recorded.

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Time	Reel	Unit	File	Shot	Event	Comment
			5575	1197	EOT	
15:58:14	35735	1	5576	1196	EOT,BOT, REC	tape unit #1 error (operation timed out)
15:58:22	35736	2	5577	1195 1191 1190	BOT NDR NDR	No data recorded. No data recorded.
16:26:15			5769	1001	LFFSP	Last full fold shot point
16:41:55	35736	2	5877	893	EOL, LGSP	End of line/Last good shot point
			5878	892		Nav Qc shots
			5879	891		Nav Qc shots
			5880	890		Nav Qc shots
			5881	889		Nav Qc shots
16:43:21	35736	2	5882	890		Noise record