

PGS EXPLORATION A/S

OBSERVERS LOG

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

Line: W03ANT1260P1
Sequence: 017
Direction: 306°
Date: Mon Nov 03 2003

Document last printed / modified (PC date/time): 07 November 2003 13:38:41

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

Sol/Eol Overview

	TIME	FILE	SHOT	TAPE
SOL	08:48:43	151	2168	35668
EOL	11:56:24	1426	893	35670
		FILE	SHOT	
FIRST GOOD		151	2168	
LAST GOOD		1426	893	

Miscellaneous

	SOL	EOL	
Wind	WNW 12 knots	WNW 12 knots	
Sea State	Swell 2.5m	Swell 2.5m	
Ambient Noise	4-5µB	4-5µB	
Water Depth	47.2 m	41.9 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 : F35663, F35664, F35665, F35666
Copy tapes : C35663, C35664, C35665, C35666 (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: 299n 312n
Str#3: 254s 258n
Str#4: 13n

Channel Range Edits d.t. Streamer 4 being too deep:

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General/Line Comments

Shot 2322 to 1560: Str. 4: Chan 151 to 168
Shot 1984 to 1572: Str. 4: Chan 169 to 192
Shot 2586 to 2056, Shot 1998 to 1569, Shot 1514 to 1210: Str. 4: Chan 193 to 216
Shot 2607 to 988: Str. 4: Chan 217 to 240
Shot 2813 to 893: Str. 4: Chan 241 to 264
Shot 2580 to 2430, Shot 2358 to 1582, Shot 1482 to 1216, Shot 1063 to 999: Str. 4: Chan 265 to 288

AUX -13 -25 -45

General Comments:

Low level swell noise throughout line above 20uBar affecting 1% of channels,
Low level tugging noise on all streamers affecting near 20 channels (up to 12 uBar above background),
Ship Noise @SP.2813-2610,
Very strong mud roll @SP.1498-893

Syntrak log corrupted SP.2756-2663, 2402-2275. Data checked and good.

Time	Reel	Unit	File	Shot	Event	Comment
08:32:18	F35668	2	100		BOT	Noise record
08:41:38		2	101	2218		50 Dummy shots before SOL
08:48:43	F35668	2	151	2168	SOL/ FGSP	Start of line / First good shot point
			343	1976	REC	Extraction counts error. BAD SHOT - EDIT
			538	1781	GUN	Gun 2-1 delta error -1.3
			668	1651	GUN	Gun 3-3 delta error -1.3
	F35668	2	675	1644	EOT	
10:04:46	F35669	0	676	1643	BOT	
			966	1353	REC	Extraction counts error. BAD SHOT - EDIT
			973	1346	GUN	Gun 6-1 delta error -1.4; Source spread error 2.1
			994	1325	REC	Extraction counts error. BAD SHOT - EDIT
				1324	NDR	No data recorded.
			1005	1314	GUN	Gun 6-1 delta error -1.5
			1008	1311	REC	Extraction counts error. BAD SHOT - EDIT
			1029	1290	REC	Extraction counts error. BAD SHOT - EDIT
			1071	1248	GUN	Gun 4-3 delta error -1.3
			1115	1204	REC,GUN	Extraction counts error / Gun 6-1 delta error -1.4
			1167	1152	GUN	Gun 4-3 delta error 1.4
			1197	1122	GUN	Gun 4-3 delta error -2.2; Source spread error 2.4
			1199	1120	GUN	Gun 4-3 delta error -2.1; Source spread error 2.7
			1201	1118	GUN	Gun 4-3 delta error -1.6; Source spread error 2.3
			1203	1116	GUN	Gun 4-3 delta error -1.7; Source spread error 2.1
			1205	1114	GUN	Gun 4-3 delta error -1.4; Source spread error 2.1
			1226	1093	REC	Extraction counts error. BAD SHOT - EDIT
11:29:58	F35669	0	1251	1068	EOT	
11:30:27	F35670	1	1252	1067	BOT	
11:56:24		1	1426	893	EOL/ LGSP	End of line / Last good shot point
11:56:33		1	1427	892		Nav Qc shots
11:56:42		1	1428	891		Nav Qc shots
11:56:51		1	1429	890		Nav Qc shots
11:57:00	35670	1	1430	889		Nav Qc shots
11:58:12		1	1431			Noise record