



OBSERVER LOG

Sequence: 35

Vessel: M/V Pacific Titan
Client: SANTOS LIMITED
Project #: Job: 6211
Area: Otway Basin

Line Name: OEP04-17-01-035

Direction: 31°
Date Shot: 24 November 2004

Party Chief: Ketil Glimsjø Chief Obs: Haydn Brook Observers: Cliff Gobbit, Roar Nygaard, Allan Beattie

SOL Time (UTC)	SOLTape#	First File	SOL SP	SOL File	FGSP	FGSP File	FGSP Time (UTC)
12:04	56	979	981	981	1001	1001	12:07

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
15:53	57	2364	2363	2363	2353	2353	15:51

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	20 kts. ESE	2.0 m	4.4° Starboard	9.5 µB	5.3 kts.	5.08 kts.	2030.6 m	7 m	3040	cu. in
EOL	20 kts. ESE	2.0 m	3.9° Starboard	9 µB	4.7 kts.	5.2 kts.	165 m	7 m	3040	cu. in

Recording Parameters

Recording System	Seal
Record Length	8000 ms
Sample Rate	2 ms
Start Of Data	System Start
Low Cut Filter	3 Hz /6 dB/ Octave
Hi Cut Filter	200 Hz @ 370 dB / Octave
Tape Format	Demux. SEG D rev 1, 8058
Tape Brand	Imation 3590 10Gb
Polarity	First Break is Negative
Shot Point Interval	25m

Source Parameters

Array Volume	3040 cubic inches
Operating Pressure	2000 psi +/- 10%
Array Configuration	3 Strings
Array Numbering	Stbd to Port / 1 to 3
Array Separation	10 m
Source Depth	5 m +/- 1.0m
Center Source to Nav Mast	179 M
Comment	SOD to shot 50ms

Auxiliary Channels

1: System Start	3: 450ms TB	5:
2: TB	4: WB	

Near Field Hydrophones

Array 1	Array 2	Array 3
Starboard	Center	Port
13: Fwd	16: Fwd	19: Fwd
14: Mid	17: Mid	20: Mid
15: Aft	18: Aft	21: Aft

Streamer Parameters

Number of Streamers	1
Streamer Length	6000m
Number Channels	480
Group Interval	12.5 m
Operating Depth	7m +/- 1
Offset CSCNG	114 m (Centre of source to centre of near group)

Sequence breakdown

Start	End	Status	Comment
1001	2233	Prime	
2234	2353	Runout	

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Softstart commenced at 11:22
NOTE! Streamer at 7 m!!!
SOL-EOL: Random swell noise 7-15% of traces affected @ 20-120µB
1319 midnight SP Local.

Bad Channels

Line Status: Complete

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	56	3/4	979		BOT	Noise records
12:04			981	981	SOL	Run in SP
12:07			1001	1001	FGSP	
			2071	2071	GUN	Gun 3-1 Delta error -1.3ms
	56	3/4	2178	2178	EOT	
	57	1/2	2179	2179	BOT	
15:31			2233	2233	LFFSP	
			2294	2294	GUN	Gun 2-4 Autofire
			2295	2295	GUN	Gun 2-4 Autofire
			2296	2296	GUN	Gun 2-4 Autofire
			2297	2297	GUN	Guns 2-3, 2-4 disabled (vol. 2440cuin)
			2298	2298	GUN	Guns 2-1, 2-2 enabled (vol. 3040cuin)
			2298	2298	GUN	Spread error 4.3ms
			2299	2299	GUN	Spread error 4.9ms
15:51			2353	2353	LGSP	
15:53			2363	2363	EOL	Nav Runout
	57	1/2	2364		EOT	Noise record

Abbreviations Used

SOL = Start of Line	BOT = Beginning of Tape	FGSP = First Good Shotpoint	FFFSP = First Full Fold Shotpoint	NDR = No Data Recorded
EOL = End of Line	EOT = End of Tape	LGSP = Last Good Shotpoint	LFFSP = Last Full Fold Shotpoint	FCSP = First Chargeable Shotpoint
FA = Feather Angle	SI = Seismic Interference	FOLSP = First Overlap SP	LOLSP = Last Overlap Shotpoint	LCSP = Last Chargeable Shotpoint
NTBP = Not To Be Processed	ITB = Internal Time Break	FTB = Field Time Break		