



OBSERVER LOG Sequence: 42

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

Line Name: **OEP04-11-01-042**

Direction: **211°**
 Date Shot: **25 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)
19:15	67	979	981	981	1001	1001	19:18

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
23:03	68	2305	2304	2304	2294	2294	23:01

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	6 kts. E	2 m	3.3° Starboard	6.8 µB	5.1 kts.	5.3 kts.	270 m	7 m	3040	cu. in
EOL	8 kts. E	1 m	2.7° Port	2.6 µB	4.3 kts.	5.2 kts.	2180 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

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)

Auxiliary Channels

1: System Start	3: 450ms TB	5:
2: TB	4: WB	
Near Field Hydrophones		
<i>Array 1</i>	<i>Array 2</i>	<i>Array 3</i>
<i>Starboard</i>	<i>Center</i>	<i>Port</i>
13: Fwd	16: Fwd	19: Fwd
14: Mid	17: Mid	20: Mid
15: Aft	18: Aft	21: Aft

Sequence breakdown

Start	End	Status	Comment
1001	2174	Prime	
2175	2294	Runout	

Channels as recorded

AuxChannels: 481-501
 Streamer1: 1-480

Line Comments

Softstart commenced at 18:34
 NOTE! Streamer at 7 m!!!
 SP 1352-1378 pressure erratic on all gun strings.

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>
	67	1/2	979		BOT	Noise records
19:15			981	981	SOL	Run in SP
19:18			1001	1001	FGSP	
			1360	1360	GUN	String 3 Pressure 1795 psi
			1365	1365	GUN	String 3 Pressure 1787 psi
22:39			2174	2174	LFFSP	
	67	1/2	2178	2178	EOT	
	68	3/4	2179	2179	BOT	
			2192	2192		No TB detected
23:01			2294	2294	LGSP	
23:03			2304	2304	EOL	Nav Run out
	68	3/4	2305		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		