



# OBSERVER LOG

## Sequence: 12

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

Line Name: OEP04-43-01-012

Direction: 030  
Date Shot: 12 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)
00:19	17	1518	1520	1540	1540	1540	00:22

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
02:02	17	2145	2144	2144	2134	2134	02:02

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	24 kts. NNW	2 m	6.4° Starboard	16 µB	5.1 kts.	5.2 kts.	129 m	8 m	3040	cu. in
EOL	24 kts. NNW	2 m	2.9° Starboard	18.6 µB	4.6 kts.	4.8 kts.	67.8 m	8 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	166 M
Comment	

### 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	104 m (Centre of source to centre of near group)

### Sequence breakdown

Start	End	Status	Comment
1540	2014	Prime	
2015	2134	Runout	

### Channels as recorded

AuxChannels: 481-501  
Streamer1: 1-480

### Line Comments

Soft start commenced @23:34 Streamer depth 8m  
Bird 1 shallow for entire line. Bird 2 occasionally shallow during line.  
Bird 5 intermittent throughout the line  
SOL: Random swell noise on streamer 8-17% at 30uB  
EOL: Random swell noise on streamer 12-21% at 30uB

### Bad Channels

Line Status: Incomplete

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	17	1/2	1518		BOT	Noise records
00:19			1520	1520	SOL	Run in shots
00:22			1540	1540	FGSP	
			2014	2014	LFFSP	
02:02			2134	2134	LGSP	
02:03			2144	2144	EOL	nav run out
	17	1/2	2145		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		