



# OBSERVER LOG

## Sequence: 4

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

Line Name: OEP04-57-01-004

Direction: 211°  
Date Shot: 10 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)
12:03	7	979	981	981	1001	1001	12:06

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
16:11	8	2582	2581	2581	2571	2571	16:09

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	4 kts. NNE	1.0 m	8.6° Starboard	5.5 µB	5.1 kts.	5.3 kts.	133.2 m	7 m	3040	cu. in
EOL	8 kts. NNE	1.0 m	0.5° Port	3.5 µB	5.2 kts.	5.2 kts.	1602 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	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
1001	2451	Prime	
2452	2571	Runout	

### Channels as recorded

AuxChannels: 481-501  
Streamer1: 1-480

### Line Comments

Soft Start Commenced 11:22  
Noise records affected by external noise.  
On runin and from SOL to SP 1055,  
1060,1084,1086,1159,1125,1148,1150,1179,1181,1183,1212,1241,1244,1248,1250,1273  
1275,1279,1282,1286,1311,1313, 1317, 1344,1350, 1354, 1359, 1363, 1389, 1393, 1395, 1399, 1402,  
1403, 1435: Some random external noise/reflections from astern at up to 200 uBar!!! From oil rig. Down  
hole seismic shots.  
SP 1348: Midnight SP Local

### 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>
	7	1/2	979		BOT	Noise records
12:03			981	981	FSP	Run in SP
12:06			1001	1001	SOL	
			2220-2238	2220-2238	NDR	Seal did not record all channels to tape.
	7	1/2	2238	2238	EOT	
	8	1/4	2239	2239	BOT	
15:50			2451	2451	LFFSP	
16:09			2571	2571	LGSP	
16:11			2581	2581	EOL	
	8	1/4	2582		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		