



# OBSERVER LOG

## Sequence: 18

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

Line Name: OEP04-41-01-018

Direction: 6°  
Date Shot: 17 November 2008

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)
10:47	26	979	981	981	1001	1001	10:51

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
13:14	26	1844	1843	1843	1833	1833	13:12

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume
SOL	10 kts.N	3 m	2.0° Port	12 µB	4.6 kts.	4.9 kts.	2134.5 m	8 m	3040 cu. in
EOL	18 kts.NE	3 m	5.6° Starboard	4.9 µB	4.8 kts.	5.2 kts.	311 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	179 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	114 m (Centre of source to centre of near group)

### Sequence breakdown

Start	End	Status	Comment
1001	1713	Prime	
1714	1833	Runout	

### Channels as recorded

AuxChannels: 481-501  
Streamer1: 1-480

### Line Comments

Softstart commenced at 10:06  
SOL: Random swell noise on streamer <15% at 20uB to 100 uB  
SP 1759 Midnight SP Local  
EOL: Random swell noise on streamer <10% at 20uB to 100 uB

### 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>
	26	3/4	979		BOT	Noise records
10:47			981	981	SOL	Run in SP
10:51			1001	1001	FGSP	
12:52			1713	1713	LFFSP	
13:12			1833	1833	LGSP	
13:14			1843	1843	EOL	nav run out SP
	26	3/4	1844		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		