



# OBSERVER LOG Sequence: 34

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

Direction: 211°  
 Date Shot: 24 November 2004  
 Line Name: OEP04-25-01-034

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)
07:37	55	979	981	981	1001	1001	07:40

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
10:20	55	2002	2001	2001	1991	1991	10:21

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
<b>SOL</b>	15 kts. ESE	1 m	4.0° Port	10.5 µB	5.1 kts.	5.03 kts.	681.2 m	7 m	3040	cu. in
<b>EOL</b>	20 kts. ESE	2 m	4.1° Port	9.5 µB	4.8 kts.	5.12 kts.	1825.6 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	1871	Prime	
1872	1991	Runout	

### Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

### Line Comments

Softstart commenced at 06:56  
 NOTE! Streamer at 7 m!!!  
 SOL-EOL: Random swell noise 5-15% of traces affected @ 20-150µB

### Bad Channels

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**Line Status: Complete**

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
	55	3/4	979		BOT	Noise records
07:37			981	981	SOL	Run in SP
07:40			1001	1001	FGSP	
10:00			1871	1871	LFFSP	
10:20			1991	1991	LGSP	
10:21			2001	2001	EOL	Nav Runout
	55	3/4	2002		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		