



OBSERVER LOG

Sequence: 30

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

Line Name: OEP04-15-03-030

Direction: 211°
Date Shot: 23 November 2003

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)
06:37	46	979	981	981	1001	1001	06:40

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LGSP	LGSP File	LGSP Time (UTC)
11:40	47	2759	2758	2758	2748	2748	11:38

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume	
SOL	17 kts. SE	2.0 m	13.3° Port	28 µB	4.9 kts.	4.7 kts.	101 m	9 m	3040	cu. in
EOL	15 kts. E	2.0 m	1.5° Port	14.5 µB	4.5 kts.	5.12 kts.	2162.7 m	9 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	2628	Prime	
2629	2748	Runout	

Channels as recorded

AuxChannels: 481-501
Streamer1: 1-480

Line Comments

Softstart commenced at 05:57
NOTE!!! Streamer on 9m depth d/t weather
tail end of streamer still in turn during noise records at SOL.
Streamer tail still in turn at SOL
SOL-SP 1500: Random swell noise 20-40% of traces affected @ 20-250uB
SP 1040 Streamer straight
Sp 1500-EOL: Random swell noise 7-22% of traces affected @ 20-120uB
Note! Several misfires on Gun 2-4. See logentries. After QC misfires determined to be false.

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>
	46	3/4	979		BOT	Noise Record
06:37			981	981	SOL	Nav run in SP
06:40			1001	1001	FGSP	
			1422	1422	GUN	Gun 2-4 No Fire
			2041	2041	GUN	Gun 2-4 Delta error -1.6ms
			2175	2175	GUN	Gun 2-4 No fire
			2177	2177	GUN	Gun 2-4 No fire
	46	3/4	2178	2178	EOT	Gun 2-4 No fire
	47	1/2	2179	2179	BOT	Gun 2-4 No fire
			2180	2180	GUN	Gun 2-4 No fire
			2181	2181	GUN	Gun 2-4 No fire
			2182	2182	GUN	Gun 2-4 No fire
			2184	2184	GUN	Gun 2-4 No fire
			2188	2188	GUN	Gun 2-4 delta error 1.7ms
			2189	2189	GUN	Gun 2-4 delta error 1.8ms
			2192	2192	GUN	Gun 2-4 delta error 1.5ms
			2193	2193	GUN	Gun 2-4 delta error 1.5ms
			2197	2197	GUN	Gun 2-4 No fire
			2198	2198	GUN	Gun 2-4 No fire
			2204	2204	GUN	Gun 2-4 No fire
			2205	2205	GUN	Gun 2-4 No fire
			2206	2206	GUN	Gun 2-4 No fire
			2207	2207	GUN	Gun 2-4 No fire
			2208	2208	GUN	Gun 2-4 No fire
			2209	2209	GUN	Gun 2-4 No fire
			2210	2210	GUN	Gun 2-4 No fire
			2223	2223	GUN	Gun 2-4 No fire
			2226	2226	GUN	Gun 2-4 No fire
			2227	2227	GUN	Gun 2-4 No fire
			2228	2228	GUN	Gun 2-4 No fire
			2229	2229	GUN	Gun 2-3 No fire Guns 2-3 and 2-4 disabled gun 2-1 and 2-2 enabled
			2230	2230	GUN	Gun 2-1 and 2-2 delta error -3ms
			2231	2231	GUN	Gun 2-1 and 2-2 delta error -4ms
			2232	2232		Guns OK
11:16			2628	2628		LFFSP
11:38			2748	2748	LGSP	
11:40			2758	2758	EOL	Nav run out SP
	47	1/2	2759		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		