

Vessel: M/V Pacific Titan
 Client: Nexus Energy
 Project #: 6318
 Area: VIC P/49, SE Australia

Preplotted LineName: **VGNXS07-12**
 Contractors Line Name: **VGNXS07-12-003**

Direction: **20 °**
 Date Shot: **06 July 2007**

Party Chief: Haydn Brook Chief Obs: Tyrone Hackett Observers: John Gracey, Slawomir Korybalski, Ingvild Bostad

SOL Time (UTC)	SOLTape#	First File	SOL SP	SOL File	FCSP	FCSP File	FCSP Time (UTC)
07:34	3	979	1001	1001	1001	1001	07:34

Swell Noise Levels
 0.6% @ 25 µB

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)
08:54	3	1618	1617	1617	1617	1617	08:54

0.4% @ 25 µB

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
SOL	5 kts E	2.5 m	1.1° Starboard	5.2 µB	4.9 kts.	5.1 kts.	697 m	7 m	1970 / 1470 cu. in
EOL	5 kts E	2.5 m	3.6° Port	4.3 µB	4.7 kts.	4.9 kts.	216 m	7 m	1970 / 1470 cu. in

Recording Parameters

Recording System	Sercel Seal 408XL
Record Length	6500 ms
Sample Rate	2 ms
Start Of Data	50 ms before FTB
Low Cut Filter	3 Hz / 6dB
Hi Cut Filter	200 Hz @ 370 dB / Octave
Tape Format	Demux. SEG D rev 1, 8058
Tape Brand	Imation BlackWatch 3590 10Gb
Polarity	First Break is Negative
Shot Point Interval	18.75m

Source Parameters

Array Volume	3440 cubic inches
Operating Pressure	2000 psi +/- 10%
Array Configuration	2 Strings
Array Numbering	Stbd to Port / 1 to 2
Array Separation	7m
Source Depth	6 m +/- 1m
Center Source to Nav Mast	173m
Comment	

Auxiliary Channels

Aux1	System St	Aux4:	Aux7:
Aux2	FTB	Aux5: WB S1	Aux8:
Aux3	450 ms de	Aux6:	Aux9:

Auxiliary Hydrophone Channels

Stbd Outer	Array 1	Port Inner	Array 3
Aux13:	Fwd	Aux19:	Fwd
Aux14:	Mid	Aux20:	Mid
Aux15:	Aft	Aux21:	Aft
Stbd Inner	Array 2	Port Outer	Array 4
Aux16:	NA	Aux22:	NA
Aux17:	NA	Aux23:	NA
Aux18:	NA	Aux24:	NA

Streamer Parameters

Number of Streamers	1
Streamer Length	6000m
Number Channels	480
Group Interval	12.5 m
Operating Depth	7 m +/- 1m
Crossline offset	NA
Offset CSCNG (inline)	78m (Centre of source to centre of near group)

Sequence breakdown

Start End Status Comment

Channels as recorded

AuxChannels: A1-A24	
Streamer1: 1-480	Streamer4:
Streamer2:	Streamer5:
Streamer3:	Streamer6:

Line Comments

SP 1136: No airleak found.
Pressure errors in gun log are within spec (+/- 10% 1950 = 2145/1755).

Bad Channels

Trace 83 reversed polarity
Ch 226 fails cut-off

Line Status: Complete

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
07:04					SoftStart	
	3	1/2	979-980		BOT	Noise records
07:32			981-1000	981-1000	FSP	Nav run in's
07:34			1001	1001	SOL	FCSP
			1022	1022	GUN	Gun 1-2 Delta error -1.2ms
			1107	1107	GUN	Gun String 1 Pressure error 1754psi
			1108	1108	GUN	Gun String 1 Pressure error 1738psi
			1122	1122	GUN	Guns disabled, checking for airleak
			1133	1133	GUN	Guns disabled, checking for airleak
			1134	1134	GUN	Guns disabled, checking for airleak
			1135	1135	GUN	Guns disabled, checking for airleak
			1136	1136	GUN	Guns disabled, checking for airleak
			1178	1178	GUN	Depth error string 1 cluster 5 & 6, 4.9m
			1311	1311	Header	Bad nav header
08:54			1617	1617	EOL	LCSP
	3	1/2	1618		EOT	Noise file

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
NTBP = Not To Be Processed	ITB = Internal Time Break	FTB = Field Time Break		