

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

Preplotted LineName: **VGNXS07-91**  
 Contractors Line Name: **VGNXS07-91-012**

Direction: **200°**  
 Date Shot: **16 June 2007**

Party Chief: Sigurd Østerud Chief Obs: Allan Beattie Observers: Mike Suis, Jun Lumabas, Dervin Victorio, Dennis Maranon

SOL Time (UTC)	SOLTape#	First File	SOL SP	SOL File	FCSP	FCSP File	FCSP Time (UTC)
12:01	19	979	981	981	1001	1001	12:05

Swell Noise Levels

5.5µB @ < 3.1%

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)
15:19	20	2203	2202	2202	2202	2202	

<1% @ <10µb

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
<b>SOL</b>	9 kts. E	0.5 m	3.8° Starboard	5.9 µB	4.8 kts.	5.1 kts.	2484 m	7 m	1970 / 1470 cu. in
<b>EOL</b>	9 kts. E	0.5 m	5° Port	4.5 µB	5.3 kts.	5.0 kts.	3360 m	7 m	1970 / 1470 cu. in

### Recording Parameters

Recording System	Sercel Seal 408XL
Record Length	8500 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	25.00m

### 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
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
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1001	2202	Prime	VGNXS07-91
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### Channels as recorded

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

### Line Comments

### Bad Channels

Trace 83 reversed polarity.  
 Ch. 276 noisy.

**Line Status: Complete**

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
11:24					SoftStart	
	19	3/1	979-980		BOT	Noise files
12:01			981-1000	981-1000	FSP	Nav run-in SP's
12:05			1001	1001	SOL	FCSP
	19	3/1	2091	2091	EOT	
	20	3/1	2092	2092	BOT	
15:19			2202	2202	EOL	LCSP
	20	3/1	2203		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		