

Vessel: M/V Pacific Titan
 Client: CUE Energy Resources
 Project #: 6374
 Area: T37 / 38P

Preplotted LineName: **VCUE08-N45**
 Contractors Line Name: **VCUE08-N45-042**

Direction: **87**
 Date Shot: **Thursday, March 27,**

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

FS Time (UTC)	SOLTape#	First File	First Shot	First Shot File	FCSP	FCSP File	FCSP Time (UTC)
5:53	56	979	981	981	1001	1001	5:56

Swell Noise Levels
 <2% above 25µb

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)
8:00	56	1775	1774	1774	1654	1654	7:41

<1% above 25µb

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
SOL	13 kts SSE	1.5 m S	-10.4 °Port	9.8 µB	5.1 kts.	5.2 kts.	77 m	8 m	NA / 3040 cu. in
EOL	10 kts SW	1.5 m S	0.7 °Starboard	5.1 µB	5.1 kts.	5.2 kts.	77 m	8 m	NA / 2850 cu. in

Recording Parameters

Recording System	Sercel Seal 408XL
Record Length	6000 ms
Sample Rate	2 ms
Start Of Data	50 ms before FTB
Low Cut Filter	4.7 Hz / 12dB Combined
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	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	10m
Source Depth	6 m +/- 1m
Center Source to Nav Mast	180m
Comment	

Auxiliary Channels

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

Auxiliary Hydrophone Channels

Array 1	Array 2	Array 3
Aux13: Position 1	Aux19: Position 1	Aux25: Position 1
Aux14: Position 2	Aux20: Position 2	Aux26: Position 2
Aux15: Position 3	Aux21: Position 3	Aux27: Position 3
Aux16: Position 4	Aux22: Position 4	Aux28: Position 4
Aux17: Position 5	Aux23: Position 5	Aux29: Position 5
Aux18: Position 6	Aux24: Position 6	Aux30: Position 6

Streamer Parameters

Number of Streamers	1
Streamer Length	6000m
Number Channels	480
Group Interval	12.5 m
Operating Depth	8 m +/- 1m
Crossline offset	NA
Offset CSCNG (inline)	145m (Centre of source to centre of near group)

Line Status: Complete

Line Comments

String 1 NFH position 6 (Aux. 18) dead.
 String 2 NFH position 2 (Aux. 20) dead.
 String 2 NFH position 3 (Aux. 21) dead.
 Streamer end still in turn during the acquisition of noise files at SOL.

Bad Channels

Ch. 337 failed capacitance.
 Ch. 242 failed leakage.
 Ch. 59 reversed polarity.
 Ch. 7 noisy.

Sequence breakdown

Start	End	Status	Comment
1001	1774	Prime	VCUE-08-N-45

Channels as recorded

AuxChannels: A1-A30	
Streamer1: 1-480	Streamer4:
Streamer2:	Streamer5:
Streamer3:	Streamer6:

<i>GMT</i>	<i>Tape</i>	<i>Drive</i>	<i>File</i>	<i>SP</i>	<i>Event</i>	<i>Remarks</i>
05:14					SoftStart	
	56	1/2	979-980		BOT	Noise files
05:53			981-1000	981	FSP	Nav run in SPs
			983	983	GUN-BadShot	Autofire reported, gun header missing.
05:56			1001	1001	SOL	FCSP
			1005	1005	GUN-BadShot	Autofire reported, gun header missing.
			1130	1130	GUN-BadShot	Autofire reported, gun header missing.
			1152	1152	GUN-BadShot	Autofire reported, gun header missing.
			1384	1384	GUN-BadShot	Autofire reported, gun header missing.
			1538	1538	GUN-BadShot	Spread error 4.6ms.
			1540	1540	GUN-BadShot	Spread error 4.2ms.
			1542	1542	GUN-BadShot	Gun timing error 2.9ms.
			1544	1544	GUN-BadShot	Spread error 3.8ms.
			1546	1546	GUN-BadShot	Spread error 4.0ms.
			1547	1547	GUN-BadShot	Spread error 4.1ms.
			1548	1548	GUN-BadShot	Gun 1-7 & 1-9 disabled, new vol. 2850 cuin.
07:41			1654	1654	LCSP	LFFSP
08:00			1774	1774	EOL	LGSP
	56	1/2	1775		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		