

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

Preplotted LineName: **VCUE08-N21**  
 Contractors Line Name: **VCUE08-N21-014**

Direction: **267**  
 Date Shot: **Thursday, March 20,**

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)
9:27	22	979	2732	981	2712	1001	9:31

**Swell Noise Levels**  
 20% - 30% above 25µb

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)
14:28	23	2833	881	2832	1001	2712	14:09

<5% above 25µb

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
<b>SOL</b>	26 kts W	3 m W	2.8 °Starboard	13.8 µB	5 kts.	4.8 kts.	77 m	9 m	NA / 3040 cu. in
<b>EOL</b>	22 kts SW	3 m SW	0.7 ° Starboard	6.0 µB	4.98 kts.	5.1 kts.	74.4 m	9 m	NA / 3040 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 set to 9m at SOL d/t heavy swell.  
 Swell noise average 19µb affecting 20% of random traces approaching start of line.

### Bad Channels

Ch. 91 & 337 failed capacitance.  
 Ch. 242 failed leakage.  
 Ch. 59 reversed polarity.

### Sequence breakdown

Start	End	Status	Comment
2659	881	Prime	VVCUE08-N21

### 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>
08:45					SoftStart	
	22	1/2	979-980		BOT	Noise files
09:27			981-1000	2732	FSP	Nav run in SPs
09:31			1001	2712	SOL	FCSP
			1137	2576	GUN-BadShot	Autofire flagged, no guns fired.
			1380	2333	GUN-BadShot	Autofire flagged, no gun header.
			1428	2285	GUN-BadShot	Autofire flagged, no gun header.
			1546	2167	GUN-BadShot	Autofire flagged, no gun header.
			1601	2112	GUN-BadShot	Autofire flagged, no gun header.
			1810	1903	GUN-BadShot	Autofire flagged, no guns fired.
			2489	1224	GUN-BadShot	Autofire flagged, no gun header.
	22	1/2	2526	1187	EOT	
	23		2527	1186	BOT	
14:09			2712	1001	LCSP	LFFSP
14:28			2832	881	EOL	LGSP
	23	1/2	2833		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		