

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

Preplotted LineName: **VCUE08-E16**  
 Contractors Line Name: **VCUE08-E16-056**

Direction: **357**  
 Date Shot: **Sunday, March 30, 2**

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)
8:59	73	979	981	981	1001	1001	9:03

**Swell Noise Levels**  
 <3% above 25µb

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)
15:28	74	3334	3333	3333	3213	3213	15:07

<14% above 25µb

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
<b>SOL</b>	30 kts W	4 m W	6.8 °Starboard	7.3 µB	5 kts.	4.9 kts.	75 m	9 m	NA / 3040 cu. in
<b>EOL</b>	32 kts NW	4 m W	3.3 ° Starboard	6.5 µB	5 kts.	5 kts.	75 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 sea state.  
 SP 2700 - EOL - Swell noise average 12µb affecting upto 10% of traces.

### Bad Channels

Ch. 209, 337 failed capacitance.  
 Ch. 242 failed leakage.  
 Ch. 59 reversed polarity.  
 Ch. 7 noisy.  
 CH. 209 noisy.

### Sequence breakdown

Start	End	Status	Comment
1001	3333	Prime	VCUE-08-E-16

### 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>
08:15					SoftStart	
	73	1/2	979-980		BOT	Noise files
08:59			981-1000	981	FSP	Nav run in SPs
			989	989	GUN-BadShot	Autofire reported, gun header missing.
09:03			1001	1001	SOL	FCSP
			1413	1413	GUN-BadShot	Autofire reported, gun header missing.
			1602	1602	GUN-BadShot	Autofire reported, gun header missing.
			1694	1694	GUN-BadShot	Autofire reported, gun header missing.
			1945	1945	GUN-BadShot	Autofire reported, gun header missing.
			2095	2095	GUN-BadShot	Autofire reported, no guns fired.
			2233	2233	GUN-BadShot	Autofire reported, gun header missing.
	73	1/2	2526	2526	EOT	
	74	1/2	2527	2527	BOT	
15:07			3213	3213	LCSP	LFFSP
15:28			3333	3333	EOL	LGSP
	74	1/2	3334		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		