

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

Preplotted LineName: **VCUE08-N42**
 Contractors Line Name: **VCUE08-N42-038**

Direction: **267**
 Date Shot: **Tuesday, March 25,**

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)
15:32	52	979	1680	981	1660	1001	15:37

Swell Noise Levels
 <20% above 25µb

EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)
16:37	52	1277	1385	1276	1385	1276	16:37

<22% above 25µb

	Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
SOL	32 kts NW	2 m NW	6.7 °Port	20 µB	3.8 kts.	4.39 kts.	76.9 m	9 m	NA / 3040 cu. in
EOL	kts	m	°	19.2 µB	kts.	kts.	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: Pending

Line Comments

NFH Aux.18 Aux.20 Aux.21 dead.
 SOL streamer was set to 9m d/t swell noise average is 20µb affecting 20% of traces.
 SOL Noise files was taken while diving the cable from 8 to 9 meters.
 Swell noise updates:
 SOL to SP 1545 - Swell noise average is 16µb affecting 18% of traces.
 SP 1516 to SP 1456: Swell noise average is 21µb affecting 14-24% of traces.
 SP 1439: Swell noise 18µb affecting 18-27% of traces.
 SP 1385: Line aborted d/t heavy swell
 Swell noise of 19µb affecting upto 31% of whole traces present before aborting the line.

Bad Channels

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

Sequence breakdown

Start	End	Status	Comment
1660	1385	Edit/NTBP	VCUE-08-N-42

Channels as recorded

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

GMT	Tape	Drive	File	SP	Event	Remarks
14:53					SoftStart	
	52	2/1	979-980		BOT	Noise files
15:32			981-1000	1680	FSP	Nav run in SPs
15:37			1001	1660	SOL	FCSP
16:37			1276	1385	EOL	LGSP
	52	2/1	1277		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		