

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

Preplotted LineName: **VCUE08-E40**  
 Contractors Line Name: **VCUE08-E40-107**

Direction: **177°**  
 Date Shot: **16 April 2008**

Party Chief: Haydn Brook Chief Obs: Tyrone Hackett Observers: Slawomir Korybalski, John Gracey, Ingvild Bostad

FS Time (UTC)	SOLTape#	First File	First Shot	First Shot File	FCSP	FCSP File	FCSP Time (UTC)	Swell Noise Levels
00:45	147	979	1886	981	1866	1001	00:49	<1.2% above 25µb
EOL Time (UTC)	EOLTape#	Last File	EOL SP	EOL File	LCSP	LCSP / LFFSP File	LCSP Time (UTC)	
03:37	147	1987	881	1986	1001	1866	03:16	<1.2% above 25µb
Wind Speed	Swell	Streamer Feather	Filtered Noise	Bottom Speed	Water Speed	Water Depth	Streamer Depth	Source Volume Stbd. Port
<b>SOL</b> 5 kts.NW	1 m W	3.3 °Port	4.6 µB	4.8 kts.	5 kts.	75 m	8 m	NA / 3040 cu. in
<b>EOL</b> 5 kts.NW	1 m W	0.9° Port	4.8 µB	4.8 kts.	5 kts.	73.8 m	8 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. SEGD 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  
 Bird 20 Compass Bias.  
 SP 1885 Gun 3-1 Autofired  
 SP 1100 Autofire String 3 Cluster 1  
 SP 997 Autofire String 3 Cluster 1  
 SP 986 Autofire String 3 Cluster 1  
 SP 982 Autofire String 3 Cluster 1 / Disabled Gun 3-1  
 SP 981 Gun Volume 2790cu.in. / Enabled Spare Gun 3-2 / Good Shot  
 SP 980 Gun Volume 3040cu.in.

### Bad Channels

Ch. 91, 337 failed capacitance.  
 Ch. 242, 252, 452 failed leakage.  
 Ch. 452 failed Cutoff  
 Ch. 59 reversed polarity.  
 Ch. 7 noisy.

### Sequence breakdown

Start	End	Status	Comment
1001	881	Prime	VCUE-08-E-40

### Channels as recorded

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

GMT	Tape	Drive	File	SP	Event	Remarks
00:05					SoftStart	
	147	1/2	979-980		BOT	Noise files
00:45			981-1000	1886-1867	FSP	Nav run in SPs
00:49			1001	1866	SOL	FCSP
			1366	1501	NDR	Nav header missing.
			1767	1100	GUN	Autofire String 3 Cluster 1
03:16			1866	1001	LCSP	LFFSP
			1870	997	GUN	Autofire String 3 Cluster 1
			1881	986	GUN	Autofire String 3 Cluster 1
			1885	982	GUN	Autofire String 3 Cluster 1/ Disabled Gun 3-1
			1886	981	Good Shot	Gun Volume 2790cu.in. / Enabled Gun 3-2
			1887	980	GUN	Gun 3-2 Delta Error 5.6mS
			1888	979	GUN	Gun 3-2 Delta Error -5.4mS
03:37			1986	881	EOL	LGSP
	147	1/2	1987		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		