

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

Preplotted LineName: **VCUE08-E42**  
 Contractors Line Name: **VCUE08-E42-098**

Direction: **357°**  
 Date Shot: **14 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 |                     |        |
|----------------|-------------|------------|------------------|-----------------|--------------|-------------------|-----------------|--------------------|---------------------|--------|
| 14:35          | 138         | 979        | 981              | 981             | 1001         | 1001              | 14:38           |                    |                     |        |
|                |             |            |                  |                 |              |                   |                 |                    | <1.0% above 25µb    |        |
| EOL Time (UTC) | EOLTape#    | Last File  | EOL SP           | EOL File        | LCSP         | LCSP / LFFSP File | LCSP Time (UTC) |                    |                     |        |
| 17:18          | 138         | 1940       | 1939             | 1939            | 1819         | 1819              | 16:57           | <1.0% above 25µb   |                     |        |
|                | Wind Speed  | Swell      | Streamer Feather | Filtered Noise  | Bottom Speed | Water Speed       | Water Depth     | Streamer Depth     | Source Volume Stbd. | Port   |
| SOL            | 11 kts. WSW | 2 m WS     | 4.7 °Port        | 4.1 µB          | 4.8 kts.     | 5 kts.            | 74 m            | 8 m                | NA / 3040           | cu. in |
| EOL            | 15 kts. WSW | 2 m WS     | 1.4° Starboard   | 4.6 µB          | 4.7 kts.     | 5.1 kts.          | 76 m            | 8 m                | N/A / 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

### Bad Channels

Ch. 132, 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  | 1939 | Prime  | VCUE-08-E-42 |

### 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>                         |
|------------|-------------|--------------|-------------|-----------|--------------|--|
| 13:50      |             |              |             |           | SoftStart    |  |
| 14:35      | 138         | 2/0          | 979-980     |           | BOT          | Noise files                            |
|            |             |              | 981-1000    | 981-1000  | FSP          | Nav run in SPs                         |
| 14:38      |             |              | 1001        | 1001      | SOL          | FCSP                                   |
|            |             |              | 1305        | 1305      | GUN-BadShot  | Autofire reported, gun header missing. |
|            |             |              | 1558        | 1558      | GUN-BadShot  | Autofire reported, gun header missing. |
| 16:57      |             |              | 1819        | 1819      | LCSP         | LFFSP                                  |
| 17:18      |             |              | 1939        | 1939      | EOL          | LGSP                                   |
|            | 138         | 2/0          | 1940        |           | 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      |                                   |                                   |