

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

Preplotted LineName: **VCUE08-N04**  
 Contractors Line Name: **VCUE08-N04-079**

Direction: **267°**  
 Date Shot: **09 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 |
|----------------|----------|------------|------------|-----------------|------|-------------------|-----------------|--------------------|
| 06:42          | 109      | 979        | 3186       | 981             | 3186 | 1001              | 06:45           | <1% above 25µb     |
| EOL Time (UTC) | EOLTape# | Last File  | EOL SP     | EOL File        | LCSP | LCSP / LFFSP File | LCSP Time (UTC) |                    |
| 07:02          | 109      | 1097       | 3071       | 1096            |      |                   |                 | <1% above 25µb     |

  

|            | Wind Speed | Swell  | Streamer Feather | Filtered Noise | Bottom Speed | Water Speed | Water Depth | Streamer Depth | Source Volume Stbd. Port |
|------------|------------|--------|------------------|----------------|--------------|-------------|-------------|----------------|--------------------------|
| <b>SOL</b> | 12 kts. NE | 2 m NE | 5.7 °Starboard   | 4.4 µB         | 4.7 kts.     | 5.1 kts.    | 76 m        | 8 m            | NA / 3040 cu. in         |
| <b>EOL</b> | kts.       | m      | °                | 3.5 µB         | kts.         | kts.        | 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. 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: NTBP**

### Line Comments

String 1 NFH position 6 (Aux. 18) dead.  
 SP 3071 LINE ABORTED D/T AIR LEAK ON STRING #2 / NTBP

### 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      |
|-------|------|--------|--------------|
| 3166  | 3097 | Prime  | VCUE-08-N-04 |

### 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>                               |
|------------|-------------|--------------|-------------|-----------|--------------|--|
| 06:10      |             |              |             |           | SoftStart    |  |
|            | 109         | 1/2          | 979-980     |           | BOT          | Noise files                                  |
| 06:42      |             |              | 981-1000    | 3186      | FSP          | Nav run in SPs                               |
| 06:45      |             |              | 1001        | 3166      | SOL          | FCSP   |
|            |             |              | 1037        | 3130      | GUN-BadShot  | Autofire reported, gun header missing.       |
|            |             |              |             | 3096      | GUN-BadShot  | No Fire Gun 2-3                              |
|            |             |              |             | 3095      | GUN-BadShot  | No Fire Gun 2-3                              |
|            |             |              |             | 3093      | GUN-BadShot  | No Fire Gun 2-3. Disable String 2, Cluster 2 |
|            |             |              |             | 3092      | GUN          | Enable String 2, Cluster 1                   |
|            |             |              |             | 3091      | GUN          | Delta error Gun 2-1                          |
|            |             |              |             | 3090      | GUN          | Delta error Gun 2-1                          |
|            |             |              |             | 3088-3073 | GUN          | String 2 Pressure <1800                      |
| 07:02      |             |              | 1096        | 3071      | EOL          | LINE ABORTED D/T AIR LEAK ON STRING 2        |
|            | 110         | 1/2          | 1097        |           | 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      |                                   |                                   |