

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

Preplotted LineName: **VCUE08-E41**  
 Contractors Line Name: **VCUE08-E41-095**

Direction: **177°**  
 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 |                     |        |
|----------------|-------------|------------|------------------|-----------------|--------------|-------------------|-----------------|--------------------|---------------------|--------|
| 00:47          | 135         | 979        | 1872             | 981             | 1852         | 1001              | 00:50           |                    |                     |        |
|                |             |            |                  |                 |              |                   |                 |                    | <1.2% above 25µb    |        |
| EOL Time (UTC) | EOLTape#    | Last File  | EOL SP           | EOL File        | LCSP         | LCSP / LFFSP File | LCSP Time (UTC) |                    |                     |        |
| 03:32          | 135         | 1973       | 881              | 1972            | 1001         | 1852              | 03:13           | <1.0% above 25µb   |                     |        |
|                | Wind Speed  | Swell      | Streamer Feather | Filtered Noise  | Bottom Speed | Water Speed       | Water Depth     | Streamer Depth     | Source Volume Stbd. | Port   |
| SOL            | 20 kts. SSW | 2 m SW     | 2 °Port          | 4.9 µB          | 4.8 kts.     | 5 kts.            | 75 m            | 8 m                | NA / 3040           | cu. in |
| EOL            | 15 kts. WSW | 2 m SW     | 1.0° Port        | 5.0 µB          | 5.1 kts.     | 5.1 kts.          | 74 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: Complete**

### Line Comments

String 1 NFH position 6 (Aux. 18) dead

### 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      |
|-------|-----|--------|--------------|
| 1852  | 881 | Prime  | VCUE-08-E-41 |

### Channels as recorded

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

| GMT   | Tape | Drive | File     | SP        | Event       | Remarks                                |
|-------|------|-------|----------|-----------|-------------|--|
| 00:10 |      |       |          |           | SoftStart   |  |
|       | 135  | 2/0   | 979-980  |           | BOT         | Noise files                            |
| 00:47 |      |       | 981-1000 | 1872-1853 | FSP         | Nav run in SPs                         |
| 00:50 |      |       | 1001     | 1852      | SOL         | FCSP                                   |
|       |      |       | 1368     | 1485      | GUN-BadShot | Autofire reported, gun header missing. |
|       |      |       | 1690     | 1163      | GUN-BadShot | Autofire reported, gun header missing. |
|       |      |       |          |           |             |  |
| 03:13 |      |       | 1852     | 1001      | LCSP        | LFFSP                                  |
| 03:32 |      |       | 1972     | 881       | EOL         | LGSP                                   |
|       | 135  | 2/0   | 1973     |           | 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      |                                   |                                   |