

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

Preplotted LineName: **VCUE08-E23**
 Contractors Line Name: **VCUE08-E23-091**

Direction: **177°**
 Date Shot: **13 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 | | |
|----------------|------------|------------|------------------|-----------------|--------------|-------------------|-----------------|--------------------|---------------------|--------|
| 01:42 | 130 | 979 | 3231 | 981 | 3211 | 1001 | 01:46 | | | |
| | | | | | | | | | <1.0% above 25µb | |
| EOL Time (UTC) | EOLTape# | Last File | EOL SP | EOL File | LCSP | LCSP / LFFSP File | LCSP Time (UTC) | | | |
| 08:05 | 131 | 3332 | 881 | 3331 | 1001 | 3211 | 07:46 | <1.0% above 25µb | | |
| | Wind Speed | Swell | Streamer Feather | Filtered Noise | Bottom Speed | Water Speed | Water Depth | Streamer Depth | Source Volume Stbd. | Port |
| SOL | 12 kts. SW | 3 m SW | 3.9 °Starboard | 3.8 µB | 4.7 kts. | 5.0 kts. | 74 m | 8 m | NA / 3040 | cu. in |
| EOL | 12 kts. SW | 4 m SW | 0.1 ° Port | 4.8 µB | 4.9 kts. | 5.0 kts. | 75.5 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 |
|-------|-----|--------|--------------|
| 3211 | 881 | Prime | VCUE-08-E-23 |

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> |
|------------|-------------|--------------|-------------|-----------|--------------|--|
| 01:11 | | | | | SoftStart | |
| | 130 | 2/0 | 979-980 | | BOT | Noise files |
| 01:42 | | | 981-1000 | 3231-3112 | FSP | Nav run in SPs |
| 01:46 | | | 1001 | 3211 | SOL | FCSP |
| | | | 2306 | 1906 | GUN-BadShot | Autofire reported, gun header missing. |
| | | | 2344 | 1868 | GUN-BadShot | Autofire reported, gun header missing. |
| | 130 | 2/0 | 2526 | 1686 | EOT | |
| | | | | | | |
| | 131 | 2/0 | 2527 | 1685 | BOT | |
| | | | 2854 | 1358 | NDR | Nav header missing. |
| 07:46 | | | 3211 | 1001 | LCSP | LFFSP |
| 08:05 | | | 3331 | 881 | EOL | LGSP |
| | 131 | 2/0 | 3332 | | 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 | | |