

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

Preplotted LineName: **VCUE08-E09**
 Contractors Line Name: **VCUE08-E09-005**

Direction: **357**
 Date Shot: **Tuesday, March 18,**

Party Chief: Sigurd Østerud Chief Obs: Allan Beattie Observers: Jun Lumabas, Dennis Maranon, Dervin Victorio

| FS Time (UTC) | SOLTape# | First File | First Shot | First Shot File | FCSP | FCSP File | FCSP Time (UTC) |
|---------------|----------|------------|------------|-----------------|------|-----------|-----------------|
| 2:19 | 9 | 979 | 3241 | 981 | 3221 | 1001 | 2:22 |

Swell Noise Levels
 <1% above 25µb

| EOL Time (UTC) | EOLTape# | Last File | EOL SP | EOL File | LCSP | LCSP / LFFSP File | LCSP Time (UTC) |
|----------------|----------|-----------|--------|----------|------|-------------------|-----------------|
| 8:46 | 10 | 3342 | 881 | 3341 | 1001 | 3221 | 8:26 |

<1% above 25µb

| | Wind Speed | Swell | Streamer Feather | Filtered Noise | Bottom Speed | Water Speed | Water Depth | Streamer Depth | Source Volume Stbd. Port |
|------------|------------|---------|------------------|----------------|--------------|-------------|-------------|----------------|--------------------------|
| SOL | 15 kts W | 1.5 m W | -2.0 °Port | 4.7 µB | 4.7 kts. | 5.1 kts. | 74 m | 8 m | NA / 3040 cu. in |
| EOL | 28 kts SW | 2 m SW | -2.4 ° Port | 4.6 µB | 5.1 kts. | 5 kts. | 74.1 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.
 String 2 NFH position 2 (Aux. 20) dead.
 String 2 NFH position 3 (Aux. 21) dead.

Bad Channels

Ch. 91 & 337 failed capacitance.
 Ch. 242 failed leakage.
 Ch. 59 reversed polarity.

Sequence breakdown

| Start | End | Status | Comment |
|-------|-----|--------|--------------|
| 3221 | 881 | Prime | VVCUE-08-E09 |

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> |
|------------|-------------|--------------|-------------|-----------|--------------|----------------------------------|
| 01:37 | | | | | SoftStart | |
| | 9 | 1/2 | 979-980 | | BOT | Noise files |
| 02:19 | | | 981-1000 | 3241 | FSP | Nav run in SPs |
| 02:22 | | | 1001 | 3221 | SOL | FCSP |
| | | | 2291 | 1931 | GUN-BadShot | Autofire flagged, no gun header. |
| | 9 | 1/2 | 2526 | 1696 | EOT | |
| | | | | | | |
| | 10 | 1/2 | 2527 | 1695 | BOT | |
| | | | 2980 | 1242 | GUN-BadShot | Autofire flagged, no gun header. |
| | | | 3061 | 1161 | GUN-BadShot | Autofire flagged, no gun header. |
| 08:26 | | | 3221 | 1001 | LCSP | LFFSP |
| 08:46 | | | 3341 | 881 | EOL | LGSP |
| | 10 | 1/2 | 3342 | | 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 | | |