Chevron

BIN 4385

**Chevron Canada Resources Limited**

GRID 102PSE/W/NW 102ONE/103BSE/W LINE QC88-01

PROSPECT QUEEN CHARLOTTE

S.P.'s 274-5307

CREW 651 DATE 1988

SCO# 42863 0602

REMARKS:

QUEEN CHARLOTTE EFOD 401 LN: QC98-0

102PSE 274-1288 / 102PSW 1289-1632 / 102PNW 1633-3300 / 102ONE 3301-3507 / 103BSE 3508-5263 / 103BSW 5264-5307

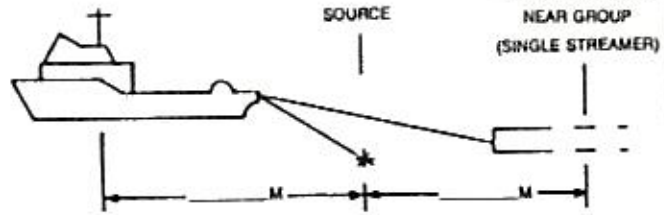
# MARINE SEISMIC OBSERVER'S DATA

DATE MO 07 DAY 08 YR 98 FOR PAGES 1 TO

| CLIENT | PROSPECT | AREA | VESSEL | COST CENTER |
|---|---|---|---|---|
| PGC | CHARLOTTE SOUND | Q. CHARLOTTE ES | EDWARD O. VETTER | 2472 |
| LINE No. QC 98-01F | LINE ID. 6001 | DIR'N 311.7 | | PARTY MANAGER C. PARFITT |

SHIPMENT No. 2472-01-88-09-

DISTANCES:




CNP TO STERN 35.2 M

PRIMARY ANTENNA _____ M TO CNP BEARING TO CNP _____ DEG

FATHOMETER _____ M AFT OF PRIMARY ANTENNA

MEASURED SOURCE TO NEAR GROUP OFFSET

PORT OR SINGLE _____ M STBD _____ M

REMARKS:
(EG - LINE STATUS, OVERLAPS, BAD (DEADY OR NOISY) TRACES ETC)

| RECORDING PARAMETERS: | |
|---|---|
| INSTRUMENT TYPE = | TSR |
| S/N = | 4 |
| FILTER SETTINGS | HI 40 HZ SLOPE 72 DB/OCT. |
| | LO 8 HZ SLOPE 18 DB/OCT. |
| PREAMPLIFIER GAIN | H M (L) 12 DB |
| SAMPLE RATE | 4 MS |
| RECORD LENGTH | 14 SECS |
| TAPE FORMAT-SEG | D |
| PACKING DENSITY: | GCR 6250 BPI |
| SYSTEM DELAY (ON TAPE) | 0 MS |
| BYTES IN HEADER | |
| EXTENDED HEADER USED | (YES) NO |
| DELAY RECORD MODULE USED | 0 SECS |
| TAPE LENGTH: | 3600 FT. |
| REVERSED TRACES | — |
| GAIN MODE: | FIXED (FLOAT) |
| TIMEBREAK WINDOW: | 32 MS |
| SHOTPOINT INTERVAL | 4/5 M |
| FOLD COVERAGE | 40 % |
| POLARITY:POSITIVE PRESSURE ON PHONE GIVES | |
| NEGATIVE ☑ / POSITIVE ☐ | NO ON TAPE — UPBREAK ☐ / DOWNBREAK ☑ — ON DISPLAY |
| CAMERA DISPLAY METHOD | ODDS/EVENS |
| SINGLE TRACE DISPLAY SOURCE | 235 |
| NUMBER OF AUX CHANNELS | 1 |

DEPTH TRANSDUCER SENSORS

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PORT | 7 | 31 | 55 | 79 | 103 | 127 | 151 | 175 | 211 | 235 | | |
| STBD | | | | | | | | | | | | |

COMPASS SENSORS

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PORT | | — | — | — | SAME | | | — | — | — | | |
| STBD | | | | | | | | | | | | |

CABLE LEVELERS (BIRDS)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PORT | | — | — | — | SAME | | | — | — | — | | |
| STBD | | | | | | | | | | | | |

USE PORT FOR SINGLE STREAMER

GROUP LOCATIONS IN STREAMER

FSP = _____ FRN = _____ TOT SPS = _____

LSP = _____ LRN = _____ TOT RNS = _____

BAD RECORDS

AF = 16

OTHER = _____

MSP = 1

NS = _____ INST = 2

TAPES USED = 46

NOISE LEVELS BOL

PORT OR SINGLE 2.98 UB TO _____ UB

STBD _____ UB TO _____ UB

EOL

PORT OR SINGLE 2.1 UB TO _____ UB

STBD _____ UB TO _____ UB

| SOURCE DETAILS:- | |
|---|---|
| SOURCE TYPE AND SIZE | |
| SOURCE DEPTH | M |
| AIRGUN PRESSURE | 2000 PSI |
| SOURCE FIRING DELAY | 5.2 |
| STREAMER TYPE: | MUX |
| CABLE DETAILS: | |
| NUMBER OF GROUPS | 240 |
| GROUP LENGTH | 15 M |
| NUMBER OF PHONES/GROUP | 40 |
| TARGET STREAMER DEPTH | 10 M |
| STREAMER LENGTH (CENTER NEAR GP TO CENTER FAR GP) | 3600 M |
| PORT OR SINGLE | M |
| STBD | M |
| LENGTH OF ONE STRETCH | 100 |
| NUMBER OF FRONT STRETCH SECTIONS | 2 |
| PORT OR SINGLE | |
| STBD | |
| TSR /FCS ONLY | |
| NUMBER OF SEMS IN USE | 20 |
| PORT OR SINGLE ( ) STBD ( ) | |
| FCS ONLY | |
| DFOS SEM OBUS ALLOCATION | |
| OBUSA: SEM _____ TO SEM _____ | |
| OBUSB: SEM _____ TO SEM _____ | |

MLD PRINTING, STAFFORD, TX (713) 499-9232

Form MLD 0586-01

# (TSR) MARINE SEISMIC OBSERVER'S LOG

PAGE 2 OF

| CLIENT | PROSPECT | AREA | M/V | PARTY |
|---|---|---|---|---|
| PGC | CHARLOTTE SOUND | Q. CHARLOTTE IS. | EDWARD O. VETTER | 2972 |
| LINE No. 0C88-01F | LINE ID# 6001 | DIR'N 311.7 | DATE MO 07 DAY 05 YR 88 | OBSERVER PRPIC |

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ___ M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 373104 | 2 | | 1 | | | | | | | | | | | | | | | | | | | NOISE TEST FOR BOL |
| | | 30273 | 101 | 12:43 | 163 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 1.4 | BOL |
| | | 30300 | 128 | 12:52 | 164 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 1.6 | |
| | | 30322 | 150 | 13:00 | 166 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 1.2 | |
| | | 30352 | 180 | | | | | | | | | | | | | | | | | | 1.1 | |
| | | 30370 | 198 | | | | | | | | | | | | | | | | ✓ | | 1.4 | AF (GUN 27) |
| | | 30385 | 213 | | | | | | | | | | | | | | | | | | | EOT |
| 373105 | 0 | 30386 | 214 | 17:19 | 172 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 1.3 | BOT |
| | | 30402 | 230 | | | | | | | | | | | | | | | | | | .7 | |
| | | 30422 | 250 | | | | | | | | | | | | | | | | | | .2 | |
| | | 30442 | 270 | 13:36 | 179 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | .7 | SPEED 4.6 KTS |
| | | 30462 | 290 | | | | | | | | | | | | | | | | | | -.2 | |
| | | 30482 | 310 | | | | | | | | | | | | | | | | | | 0 | |
| | | 30498 | 326 | | | | | | | | | | | | | | | | | | | EOT |
| 373106 | 2 | 30499 | 327 | 13:54 | 182 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | .2 | BOT |
| | | 30522 | 350 | | | | | | | | | | | | | | | | | | .1 | |
| | | 30542 | 370 | | | | | | | | | | | | | | | | | | .2 | |
| | | 30562 | 390 | 14:14 | 187 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -.9 | SPEED 4.6 KTS |
| | | 30582 | 410 | | | | | | | | | | | | | | | | | | -1 | |
| | | 30611 | 439 | | | | | | | | | | | | | | | | | | | EOT |
| 373107 | 0 | 30612 | 440 | 14:30 | 188 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -1.2 | BOT |

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# (TSR) MARINE SEISMIC OBSERVER'S LOG

PAGE 3 OF

CLIENT: PGC
PROSPECT: CHARLOTTE SOUND
AREA: Q. CHARLOTTE IS.
M/V: EDWARD O. VETTER
PARTY: 2472
LINE No.: QC88-01F
LINE ID#: 6001
DIR'N: 311.7
DATE: MO 07 DAY 08 YR 88
OBSERVER: PRPIC

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ___ M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 30632 | 460 | | | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -1.4 | |
| | | 30652 | 480 | | | | | | | | | | | | | | | | | | -1.3 | |
| | | 30672 | 500 | 14:49 | 194 | 9 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -.7 | SPEED 4.9 |
| | | 30692 | 520 | | | | | | | | | | | | | | | | | | -.2 | |
| | | 30712 | 540 | | | | | | | | | | | | | | | | | | .4 | |
| | | 30724 | 552 | | | | | | | | | | | | | | | | | | | EOT |
| 373108 | 2 | 30725 | 553 | 15:04 | 198 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 1.1 | BOT |
| | | 30752 | 580 | | | | | | | | | | | | | | | | | | 1.7 | |
| | | 30772 | 600 | | | | | | | | | | | | | | | | | | 2.1 | |
| | | 30792 | 620 | 15:25 | 201 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 2.8 | SPEED 4.5 KTS |
| | | 30812 | 640 | | | | | | | | | | | | | | | | | | 2.4 | |
| | | 30837 | 665 | | | | | | | | | | | | | | | | | | | EOT |
| 373109 | 0 | 30838 | 666 | 15:39 | 202 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 1.8 | BOT |
| | | 30852 | 680 | | | | | | | | | | | | | | | | | | 1.3 | |
| | | 30872 | 700 | | | | | | | | | | | | | | | | | | .9 | |
| | | 30892 | 720 | 15:57 | 208 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | .7 | SPEED 4.5 KTS |
| | | 30912 | 740 | | | | | | | | | | | | | | | | | | .8 | |
| | | 30932 | 760 | | | | | | | | | | | | | | | | | | .3 | |
| | | 30933 | 761 | | | | | | | | | | | | | | | | ✓ | | | A/F 26 |
| | | 30950 | 778 | | | | | | | | | | | | | | | | | | | EOT |
| 373110 | 2 | 30951 | 779 | 16:16 | 208 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | .7 | BOT |

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MLD PRINTING-STAFFORD TX

# (TSR) MARINE SEISMIC OBSERVER'S LOG

PAGE 4 OF

| CLIENT | PROSPECT | AREA | M/V | PARTY |
|---|---|---|---|---|
| PGC | CHARLOTTE SOUND | Q. CHARLOTTE IS. | EDWARD O. VETTER | 2972 |
| LINE No. QCB9-01F | LINE ID# 6001 | DIR'N 311.7 | DATE MO 07 DAY 08 YR 94 | OBSERVER PAPIC |

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | STREAMER DEPTH IN METERS NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ___M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 30972 | 800 | | | | | | | | | | | | | | | | | | 1.1 | |
| | | 30992 | 820 | | | | | | | | | | | | | | | | | | .9 | |
| | | 31012 | 840 | | | | | | | | | | | | | | | | | | .9 | |
| | | 31032 | 860 | 16:40 | 237 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 1.6 | SPEED 4.6 KTS |
| | | 31052 | 880 | | | | | | | | | | | | | | | | | | 3 | |
| | | 31063 | 891 | | | | | | | | | | | | | | | | | | | EOT |
| 373111 | 0 | 31064 | 892 | 16:51 | 237 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 3.3 | BOT |
| | | 31092 | 920 | | | | | | | | | | | | | | | | | | 5.4 | |
| | | 31112 | 940 | | | | | | | | | | | | | | | | | | 5.5 | |
| | | 31132 | 960 | 17:13 | 233 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 5.5 | SPEED 4.3 KTS |
| | | 31152 | 980 | | | | | | | | | | | | | | | | | | 5.8 | |
| | | 31176 | 1004 | | | | | | | | | | | | | | | | | | 6.3 | |
| 373112 | 2 | 31177 | 1005 | 17:28 | 220 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 6.4 | |
| | | 31192 | 1020 | | | | | | | | | | | | | | | | | | 6.1 | |
| | | 31212 | 1040 | | | | | | | | | | | | | | | | | | 6.2 | |
| | | 31232 | 1060 | 17:47 | 210 | 10 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 6.4 | SPEED 4.2 KTS |
| | | 31252 | 1080 | | | | | | | | | | | | | | | | | | 7.2 | |
| | | 31272 | 1100 | | | | | | | | | | | | | | | | | | 9.1 | |
| | | 31289 | 1117 | | | | | | | | | | | | | | | | | | | EOT |
| 373113 | 0 | 31290 | 1118 | 18:06 | 192 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 6.7 | BOT |
| | | 31299 | | | | | | | | | | | | | | | | | ✓ | | | AF (GUN 38) |

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# (TSR) MARINE SEISMIC OBSERVER'S LOG

PAGE 5 OF

| CLIENT | PROSPECT | AREA | M/V | PARTY |
|---|---|---|---|---|
| PGC | CHARLOTTE SOUND | Q. CHARLOTTE IS. | EDWARD O. VETTER | 2972 |
| LINE No. QC88-01F | LINE ID# 6001 | DIR'N 311.7 | DATE MO 07 DAY 5 YR 88 | OBSERVER PRPIC |

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ___M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 31301 | 1129 | | | | | | | | | | | | | | | | ✓ | | | AF (GUN 38) |
| | | 31303 | 1131 | | | | | | | | | | | | | | | | ✓ | | | AF (GUN 38) |
| | | 31304 | 1132 | | | | | | | | | | | | | | | | | | | GUN 38 TURNED OFF |
| | | 31332 | 1160 | | | | | | | | | | | | | | | | | | 3.6 | |
| | | 31352 | 1180 | 18:27 | 163 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 2.2 | SPEED 4.4 KTS |
| | | 31372 | 1200 | | | | | | | | | | | | | | | | | | .6 | |
| | | 31402 | 1230 | | | | | | | | | | | | | | | | | | | EOT |
| 373114 | 2 | 31403 | 1231 | 18:44 | 123 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -.3 | BOT # Bird 5 reading intermittently, |
| | | 31432 | 1260 | | | | | | | | | | | | | | | | | | -1.7 | |
| | | 31471 | 1299 | 19:07 | 68 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -2.9 | NOTE: FRONT-END STREAMER NOISE |
| | | 31515 | 1343 | | | | | | | | | | | | | | | | | | | EOT INCREASED, DUE TO DECREASED |
| 373115 | 0 | 31516 | 1344 | 1922 | 57 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -3.9 | BOT STREAMER DEPTH 10M |
| | | 31580 | 1408 | 19:45 | 51 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -7.4 | |
| | | 31590 | 1418 | | | | | | | | | | | | | | | | | | | Swell noise trace 1-24 |
| | | 31615 | 1443 | | | | | | | | | | | | | | | | | | | traces 1-24 quiet again |
| | | 31628 | 1456 | | | | | | | | | | | | | | | | | | | EOT |
| 373116 | 2 | 31629 | 1457 | 2003 | 54 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 12 | | | | | | -11.5 | BOT # trace 7.5 intermittent |
| | | 31644 | 1472 | 2008 | | | | | | | | | | | | | | | | | -12 | spiking |
| | | 31672 | 1500 | 2019 | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -12.4 | |
| | | 31682 | 1510 | 2023 | | | | | | | | | | | | | | | | | -12.9 | |
| | | 31702 | 1530 | 2030 | 50 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -13.2 | |

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# (TSR) MARINE SEISMIC OBSERVER'S LOG

PAGE 6 OF

| CLIENT | PROSPECT | AREA | M/V | PARTY |
|---|---|---|---|---|
| PGC | The Sound | Q. CHARLOTTE ISLE | E. O. VETTER | 2972 |
| LINE No. QC98-01F | LINE ID# 6001 | DIR'N 311.7 | DATE MO 7 DAY 8 YR 88 | OBSERVER Redbourne |

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | STREAMER DEPTH IN METERS NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 FAR | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ____ M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 31722 | 1550 | 2037 | | | | | | | | | | | | | | | | | -13.4 | |
| | | 31741 | 1569 | | | | | | | | | | | | | | | | | | | EOT |
| 373117 | 0 | 31742 | 1570 | 2044 | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | | -13.9 | BOT |
| | | 31762 | 1590 | 2057 | | | | | | | | | | | | | | | | | -14.2 | |
| | | 31782 | 1610 | 2059 | | | | | | | | | | | | | | | | | -14.1 | |
| | | 31795 | 1623 | | | | | | | | | | | | | | | | | | | trace 170 bad |
| | | 31812 | 1640 | 2109 | | | | | | | | | | | | | | | | | -12.0 | |
| | | 31827 | 1655 | | | | | | | | | | | | | | | | X | | | AF |
| | | 31855 | 1683 | | | | | | | | | | | | | | | | | | | |
| 373118 | 2 | 31856 | 1684 | 2125 | 55 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -12.5 | |
| | | 31886 | 1714 | | | | | | | | | | | | | | | | | | -12.3 | |
| | | 31902 | 1730 | 2142 | | | | | | | | | | | | | | | | | -12.8 | |
| | | 31912 | 1740 | 2146 | 60 | 12 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 12 | | | | | | -12.7 | |
| | | 31932 | 1760 | 2153 | | | | | | | | | | | | | | | | | -11.8 | |
| | | 31935 | 1763 | | | | | | | | | | | | | | | | X | | | AF |
| | | 31952 | 1780 | 2201 | | | | | | | | | | | | | | | | | -11.8 | |
| | | 31960 | 1788 | | | | | | | | | | | | | | | | X | | | AF. |
| | | 31967 | 1795 | | | | | | | | | | | | | | | | | | | EOT |
| 373119 | 0 | 31968 | 1796 | 2206 | 63 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -12.6 | BOT |
| | | 31992 | 1820 | 2215 | | | | | | | | | | | | | | | | | -12.4 | |
| | | 32012 | 1840 | 2222 | | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -11.9 | |

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# (TSR) MARINE SEISMIC OBSERVER'S LOG

PAGE 7 OF

CLIENT: PGC | PROSPECT: The Sound | AREA: Q. CHARLOTTE ISLE | M/V: E.O. UEITER | PARTY: 2972

LINE No.: QC88-C1F | LINE ID#: 6001 | DIR'N: 311.7 | DATE MO 7 DAY 8 YR 88 | OBSERVER: Redbourne

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ___ M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 32030 | 1848 | | | | | | | | | | | | | | | | | | | trace 7 noisy |
| | | 32045 | 1873 | 2234 | 58 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -10.5 | |
| | | 32080 | 1908 | | | | | | | | | | | | | | | | | | | EOT |
| 373120 | 2 | 32081 | 1909 | 2247 | | | | | | | | | | | | | | | | | -9.9 | BOT NOISE ON FRONT END OF |
| | | 32164 | 1992 | | | | | | | | | | | | | | | | | | | EOT STREAMER CAUSED BY GUN |
| | | 32165 | 1993 | | | | | | | | | | | NO GOOD | | RECORD. | | | | X | | ROUYS BANGING AGAINST STRETCH |
| 373121 | 0 | 32166 | 1994 | 2318 | | | | | | | | | | | | | | | | | | BOT |
| | | 32167 | 1995 | | | | | | | | | | | | | | | | | X | | Sync Error |
| | | 32168 | -1 | | | | | | | | | | | | | | | X | | | | MSP |
| | | 32169 | 1996 | 2319 | | | | | | | | | | | | | | | | | | GOOD RECORD |
| | | 32237 | 2064 | 2344 | 84 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -5.8 | |
| | | 32280 | 2107 | | | | | | | | | | | | | | | | | | | EOT |
| 373122 | 2 | 32281 | 2108 | 0001 | 94 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -4.8 | BOT |
| | | 32340 | 2167 | 0021 | 105 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -7.0 | |
| | | 32371 | 2198 | | | | | | | | | | | | | | | | X | | | AF |
| | | 32372 | 2199 | | | | | | | | | | | | | | | | X | | | AF. |
| | | 32397 | 2224 | | | | | | | | | | | | | | | | | | | E.O.T |
| 373123 | 0 | 32398 | 2225 | | | | | | | | | | | | | | | | | | | B.O.T |
| | | 32457 | 2284 | 0102 | 160 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -4.8 | |
| | | 32514 | 2341 | | | | | | | | | | | | | | | | | | | EOT |
| 373124 | 2 | 32575 | 2342 | 0123 | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -2.8 | BOT |

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# (TSR) MARINE SEISMIC OBSERVER'S LOG

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CLIENT PGC | PROSPECT The Sound | AREA Q. CHARLOTTE ISLE | M/V E. O. VETTER | PARTY 2972

LINE No. QC 88-01E | LINE ID# 6001 | DIR'N 311.7 | DATE MO 7 DAY 9 YR 88 | OBSERVER Redbourne

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ___ M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 373124 | 2 | 32631 | 2458 | 02:05 | 287 | | | | | | | | | | | | | | | | | EOT |
| 373125 | Ø | 32632 | 2459 | | | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | | | | | | | BOT |
| | | 32691 | 2578 | 0225 | 306 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | | | | | | 2.0 | |
| | | 32742 | 2575 | | | | | | | | | | | | | | | | | | | EOT |
| 373126 | 2 | 32749 | 2576 | 0245 | 309 | 12 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 3.5 | BOT |
| | | 32767 | 2595 | | | | | | | | | | | | | | | | X | | | AE |
| | | 32806 | 2633 | 0306 | 296 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 4.0 | |
| | | 32865 | 2692 | | | | | | | | | | | | | | | | | | | EOT |
| 373127 | 0 | 32866 | 2693 | 0328 | 277 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 5.8 | BOT |
| | | 32925 | 2752 | 0348 | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 4.5 | |
| | | 32982 | 2809 | | | | | | | | | | | | | | | | | | | EOT |
| 373128 | 2 | 32983 | 2810 | 0409 | 151 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 4.5 | BOT |
| | | 33099 | 2926 | | | | | | | | | | | | | | | | | | | EOT |
| 373129 | 0 | 33100 | 2927 | 0450 | 149 | | | | | | | | | | | | | | | | 8.6 | BOT Some frontend noise |
| | | 33162 | 2989 | 0574 | | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | | | | | | 7.0 | caused by gun bouys |
| | | 33216 | 3043 | | | | | | | | | | | | | | | | | | | EOT |
| 373130 | 2 | 33217 | 3044 | 0536 | 139 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | | | | | | 4.2 | BOT |
| | | 33288 | 3115 | 0602 | 140 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -.3 | |
| | | 33333 | 3160 | | | | | | | | | | | | | | | | | | | EOT |
| 373131 | 0 | 33334 | 3161 | 0619 | | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -1.8 | BOT |
| | | 33387 | 3214 | 0638 | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -3.5 | |

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# (TSR) MARINE SEISMIC OBSERVER'S LOG

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CLIENT: PGC
PROSPECT: CHARLOTTE SOUND
AREA: Q. CHARLOTTE IS.
M/V: EDWARD L. VETTER
PARTY: 2972
LINE No.: QC 88 - CIF
LINE ID#: 6001
DIR'N: 311.7
DATE: MO 07 DAY 29 YR 88
OBSERVER: PRPIC

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ____ M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 33450 | 3277 | | | | | | | | | | | | | | | | | | | EOT |
| 373132 | 2 | 33451 | 3278 | 7:02 | 150 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -5.5 | BOT |
| | | 33472 | 3300 | | | | | | | | | | | | | | | | | | -6.1 | |
| | | 33493 | 3320 | | | | | | | | | | | | | | | | | | -5.9 | |
| | | 33513 | 3340 | 7:24 | 156 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -5.2 | SPEED 4.1 KTS |
| | | 33518 | 3345 | | | | | | | | | | | | | | | | | | | AF (GUN 49) |
| | | 33520 | 3347 | | | | | | | | | | | | | | | | | | | AF (GUN 49) |
| | | 33521 | 3348 | | | | | | | | | | | | | | | | | | | AF (GUN 49) |
| | | 33542 | 3370 | | | | | | | | | | | | | | | | | | -4.5 | |
| | | 33567 | 3394 | | | | | | | | | | | | | | | | | | | EOT |
| 373133 | 0 | 33568 | 3395 | 7:44 | 160 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -4.5 | BOT |
| | | 33593 | 3420 | | | | | | | | | | | | | | | | | | -4.9 | |
| | | 33613 | 3440 | | | | | | | | | | | | | | | | | | -4.8 | |
| | | 33633 | 3460 | 8:07 | 203 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -5.4 | SPEED 4.2 KTS |
| | | 33653 | 3480 | | | | | | | | | | | | | | | | | | -5 | |
| | | 33684 | 3511 | | | | | | | | | | | | | | | | | | | EOT |
| 373134 | 2 | 33685 | 3512 | 8:25 | 262 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -2.4 | BOT |
| | | 33613 | 3546 | | | | | | | | | | | | | | | | | | -1.7 | |
| | | 33733 | 8560 | | | | | | | | | | | | | | | | | | -2.2 | |
| | | 33753 | 8580 | 8:50 | 315 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -2.3 | SPEED 4.3 KTS |
| | | 33773 | 3600 | 8:56 | | | | | | | | | | | | | | | | | -2.2 | |

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# (TSR) MARINE SEISMIC OBSERVER'S LOG



CLIENT: PGC
LINE No.: QC88-01F
PROSPECT: CHARLOTTE SOUND
LINE ID#: 6001
AREA: Q. CHARLOTTE IS.
DIR'N: 311.7
M/V: EDWARD O. VETTER
DATE: MO 07 DAY 09 YR 88
PARTY: 2972
OBSERVER: PRPIC

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | STREAMER DEPTH IN METERS NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ___M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 33788 | 3615 | | | | | | | | | | | | | | | | ✓ | | | AF (GUN 5) |
| | | 33794 | 3621 | | | | | | | | | | | | | | | | ✓ | | | AF (GUN 5) |
| | | 33797 | 3624 | | | | | | | | | | | | | | | | ✓ | | | AF (GUN 5) |
| | | 33801 | 3628 | | | | | | | | | | | | | | | | | | | EOT |
| 373135 | 0 | 33802 | 3629 | 9:06 | 335 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -1.8 | BOT |
| | | 33823 | 3650 | | | | | | | | | | | | | | | | | | -1.2 | |
| | | 33843 | 3670 | | | | | | | | | | | | | | | | | | -.3 | |
| | | 33873 | 3700 | 9:31 | 433 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 1.3 | SPEED 3.6 KTS |
| | | 33893 | 3720 | | | | | | | | | | | | | | | | | | 2 | |
| | | 33918 | 3745 | | | | | | | | | | | | | | | | | | | EOT |
| 373136 | 2 | 33919 | 3716 | 9:47 | 432 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 2.8 | BOT |
| | | 33943 | 3770 | | | | | | | | | | | | | | | | | | -1.2 | |
| | | 33963 | 3790 | | | | | | | | | | | | | | | | | | 5.1 | |
| | | 33983 | 3810 | 10:12 | 400 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 4.2 | SPEED 3.9 KTS |
| | | 34003 | 3830 | | | | | | | | | | | | | | | | | | 4.1 | |
| | | 34035 | 3862 | 10:33 | | | | | | | | | | | | | | | | | | EOT |
| 373137 | 0 | 34036 | 3863 | 10:33 | 373 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 1.9 | BOT |
| | | 34053 | 3880 | | | | | | | | | | | | | | | | | | .8 | |
| | | 34083 | 3910 | | | | | | | | | | | | | | | | | | -.7 | |
| | | 34103 | 3930 | 10:57 | 374 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -1.7 | SPEED 4 KTS |
| | | 34118 | 3945 | | | | | | | | | | | | | | | | | | -2.8 | |

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# (TSR) MARINE SEISMIC OBSERVER'S LOG

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CLIENT: PGC
LINE No.: QC88-01F
PROSPECT: CHARLOTTE SOUND
LINE ID#: 6001
AREA: Q. CHARLOTTE SOUND
DIR'N: 311.7
M/V: EDWARD O. VETTER
DATE: MO 07 DAY 09 YR 88
PARTY: 2972
OBSERVER: PRPIC

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ____M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 34152 | 3979 | | | | | | | | | | | | | | | | | | | | EOT |
| 373138 | 2 | 34153 | 3980 | 11:16 | 378 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | | -5.1 | BOT |
| | | 34173 | 4000 | | | | | | | | | | | | | | | | | | | -4.9 | |
| | | 34198 | 4025 | | | | | | | | | | | | | | | | | | | -4.7 | |
| | | 34218 | 4045 | 11:41 | 253 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | | | | | | | -5.9 | SPEED 3.8 KTS |
| | | 34243 | 4070 | | | | | | | | | | | | | | | | | | | -6.6 | |
| | | 34269 | 4098 | | | | | | | | | | | | | | | | | | | | EOT |
| 373139 | 0 | 34270 | 4097 | 12:00 | 195 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | | | | | | | -6.8 | BOT |
| | | 34293 | 4120 | | | | | | | | | | | | | | | | | | | -6.8 | |
| | | 34313 | 4140 | | | | | | | | | | | | | | | | | | | -7.3 | |
| | | 34333 | 4160 | 12:25 | 188 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | | -8.1 | SPEED 3.1 KTS (SPEED |
| | | 34352 | 4180 | | | | | | | | | | | | | | | | | | | -8.4 | REDUCED DUE TO COMPRESSER FAILING |
| | | 34363 | 4190 | | | | | | | | | | | | | | | | | | | -8.3 | FOR A MOMENT) |
| | | 34378 | 4197 | | | | | | | | | | | | | | | | | ✓ | | | AF (GUN 51) |
| | | 34374 | 4201 | | | | | | | | | | | | | | | | | ✓ | | | AF (GUN 15) |
| | | 34386 | 4213 | | | | | | | | | | | | | | | | | | | | EOT |
| 373140 | 2 | 34387 | 4214 | 12:48 | 186 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | | -7 | BOT SPEED 3.4 KTS |
| | | 34413 | 4240 | | | | | | | | | | | | | | | | | | | -5.1 | |
| | | 34444 | 4271 | 13:12 | 179 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | | -2.7 | 3.4 KTS |
| | | 34463 | 4290 | | | | | | | | | | | | | | | | | | | -2.1 | |
| | | 34483 | 4310 | | | | | | | | | | | | | | | | | | | -1 | |

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MLD PRINTING-STAFFORD TX

# (TSR) MARINE SEISMIC OBSERVER'S LOG



CLIENT: PGC
LINE No.: QC88-01F
PROSPECT: CHARLOTTE SOUND
LINE ID#: 6001
AREA: Q. CHARLOTTE IS.
DIR'N: 311.7
M/V: EDWARD O. VETTER
DATE: MO 07 DAY 09 YR 88
PARTY: 2972
OBSERVER: PRPIC

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | STREAMER DEPTH IN METERS NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ____ M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 34503 | 4330 | | | | | | | | | | | | | | | | | | | EOT |
| 373141 | 0 | 34504 | 4331 | 13:37 | 180 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -2.2 | BOT |
| | | 34533 | 4360 | | | | | | | | | | | | | | | | | | -2.6 | |
| | | 34553 | 4380 | | | | | | | | | | | | | | | | | | -4.3 | |
| | | 34573 | 4400 | 14:04 | 171 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -4.8 | SPEED 4 KTS |
| | | 34598 | 4425 | | | | | | | | | | | | | | | | | | -4.7 | |
| | | 34620 | 4447 | | | | | | | | | | | | | | | | | | | EOT |
| 373142 | 2 | 34621 | 4448 | 14:19 | 165 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -4.5 | BOT |
| | | 34663 | 4490 | | | | | | | | | | | | | | | | | | -4.1 | |
| | | 34683 | 4510 | 14:41 | 150 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -3.9 | SPEED 4.5 KTS |
| | | 34703 | 4530 | | | | | | | | | | | | | | | | | | -3.7 | |
| | | 34737 | 4564 | | | | | | | | | | | | | | | | | | | EOT |
| 373143 | 0 | 34738 | 4565 | 14:59 | 142 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -2.5 | BOT |
| | | 34763 | 4590 | | | | | | | | | | | | | | | | | | -1.5 | |
| | | 34793 | 4620 | | | | | | | | | | | | | | | | | | -1.2 | |
| | | 34813 | 4640 | 15:22 | 134 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | -.6 | SPEED 4.7 |
| | | 34838 | 4665 | | | | | | | | | | | | | | | | | | .5 | |
| | | 34854 | 4681 | | | | | | | | | | | | | | | | | | | EOT |
| 373144 | 2 | 34855 | 4682 | 15:35 | 130 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | .8 | BOT |
| | | 34871 | 4695 | | | | | | | | | | | | | | | | | | | AF (GUN 26) |
| | | 34893 | 4720 | | | | | | | | | | | | | | | | | | 1.7 | |

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MLD PRINTING-STAFFORD TX

# (TSR) MARINE SEISMIC OBSERVER'S LOG

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| CLIENT | PROSPECT | AREA | M/V | PARTY |
|---|---|---|---|---|
| PGC | CHARLOTTE SOUND | Q. CHARLOTTE IS. | EDWARD C. VETTER | 2972 |
| LINE No. QC88-CIF | LINE ID# 6001 | DIR'N 311.7 | DATE MO 07 DAY 09 YR 88 | OBSERVER PRPIL |

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | NEAR 16 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ___M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 34913 | 4740 | 15:53 | 130 | 12 | 12 | 12 | 12 | 13 | 12 | 12 | 12 | 12 | 12 | | | | | | 2.4 | SPEED 4.6 KTS |
| | | 34933 | 4760 | | | | | | | | | | | | | | | | | | 3.2 | |
| | | 34971 | 4798 | | | | | | | | | | | | | | | | | | | EOT |
| 373145 | 0 | 34972 | 4799 | 16:11 | 130 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 5.2 | BOT |
| | | 34993 | 4820 | | | | | | | | | | | | | | | | | | 5.4 | |
| | | 35013 | 4840 | | | | | | | | | | | | | | | | | | 5.8 | |
| | | 35033 | 4860 | 16:29 | 125 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 5.6 | SPEED 5.1 KTS |
| | | 35053 | 4880 | | | | | | | | | | | | | | | | | | 7.7 | |
| | | 35073 | 4900 | | | | | | | | | | | | | | | | | | 8.1 | |
| | | 35088 | 4915 | | | | | | | | | | | | | | | | | | | EOT |
| 373146 | 2 | 35089 | 4916 | 16:46 | 117 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 8.3 | BOT |
| | | 35113 | 4940 | | | | | | | | | | | | | | | | | | 9 | |
| | | 35133 | 4960 | | | | | | | | | | | | | | | | | | 9.3 | |
| | | 35156 | 4993 | 17:06 | 120 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 9.1 | SPEED 4.8 KTS |
| | | 35187 | 5014 | | | | | | | | | | | | | | | | | | 8.6 | |
| | | 35205 | 5032 | | | | | | | | | | | | | | | | | | | EOT |
| 373147 | 0 | 35206 | 5033 | 17:21 | 116 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 1 | | | | | 9.7 | BOT |
| | | 35233 | 5060 | | | | | | | | | | | | | | | | | | 8.7 | |
| | | 35258 | 5085 | | | | | | | | | | | | | | | | | | 8 | |
| | | 35273 | 5100 | 17:43 | 136 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | 8.4 | SPEED 4.3 KTS |
| | | 35298 | 5125 | | | | | | | | | | | | | | | | | | 8.3 | |

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MLD PRINTING-STAFFORD TX

# (TSR) MARINE SEISMIC OBSERVER'S LOG

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| CLIENT | PROSPECT | AREA | M/V | PARTY |
|---|---|---|---|---|
| PGC | CHARLOTTE SOUND | Q. CHARLOTTE IS | EDWARD O. VETTER | 2972 |
| LINE No. QC89-01F | LINE ID# 6001 | DIR'N 311.7 | DATE MO 07 DAY 02 YR 88 | OBSERVER PRPIC |

| REEL NO. | TXP | SHOTPT. | REC. NO. | TIME (GMT) | WATER DEPTH METERS | STREAMER DEPTH IN METERS NEAR 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | FAR 1 | | BAD RECORDS NS | Other | MSP | AF | INST | F.A. | REMARKS (OFFSET: ____ M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 35307 | 5134 | 17:55 | 125 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | | | | | 8.2 | EOL |
| | | | 5137 | | | | | | | | | | | | | | | | | | | | NOISE TEST FOR EOL |

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MLD PRINTING-STAFFORD TX