LINE MR-97-2 AREA FT LIARD

SURFACE REFERENCED VELOCITY TABULATIONS

| TIME | V-RMS | V-INT |
|---|---|---|
| 60 | 2750 | 2750 |
| 181 | 2777 | 2821 |
| 294 | 2898 | 2958 |
| 410 | 3079 | 3202 |
| 531 | 3277 | 3426 |
| 654 | 3577 | 3829 |
| 780 | 3975 | 4269 |
| 908 | 4093 | 4571 |
| 1025 | 4302 | 4878 |
| 1203 | 4303 | 4201 |
| 1268 | 4303 | 4301 |
| 1384 | 4330 | 4301 |
| 1503 | 4396 | 4401 |
| 1625 | 4396 | 4402 |
| 1746 | 4313 | 4316 |
| 1911 | 4388 | 4105 |
| 2038 | 4459 | 4272 |
| 2161 | 4641 | 4642 |
| 2271 | 4848 | 5275 |
| 2367 | 4938 | 5311 |
| 63 | 3107 | 3107 |
| 178 | 3217 | 3271 |
| 292 | 3291 | 3366 |
| 406 | 3366 | 3461 |
| 525 | 3456 | 3616 |
| 648 | 3576 | 3800 |
| 769 | 3736 | 4000 |
| 894 | 3926 | 4225 |
| 1004 | 4147 | 4390 |
| 1209 | 4147 | 4147 |
| 1305 | 4111 | 3936 |
| 1409 | 4053 | 3925 |
| 1511 | 4129 | 4129 |
| 1610 | 4159 | 4159 |
| 1709 | 4194 | 4303 |
| 1814 | 4260 | 4480 |
| 1924 | 4316 | 4723 |
| 2036 | 4384 | 5142 |
| 2146 | 4604 | 5889 |
| 2245 | 4714 | 5811 |
| 63 | 2851 | 2851 |
| 178 | 2936 | 2984 |
| 292 | 3023 | 3091 |
| 411 | 3125 | 3269 |
| 518 | 3255 | 3456 |
| 638 | 3400 | 3700 |
| 759 | 3577 | 3929 |
| 880 | 3753 | 4153 |
| 1000 | 4033 | 4506 |
| 1105 | 4302 | 5154 |
| 1204 | 4399 | 5115 |
| 1301 | 4166 | 4383 |
| 1400 | 4074 | 3925 |
| 1505 | 4028 | 3928 |
| 1608 | 4028 | 4028 |
| 1706 | 4099 | 4326 |
| 1811 | 4224 | 4566 |
| 1920 | 4366 | 4825 |
| 2030 | 4529 | 5253 |
| 2135 | 4796 | 5720 |
| 2245 | 5045 | 5729 |
| 2346 | 5127 | 5889 |
| 20 | 2296 | 2296 |
| 138 | 2432 | 2568 |
| 258 | 2596 | 2759 |
| 377 | 2761 | 2926 |
| 491 | 2931 | 3100 |
| 611 | 3091 | 3251 |
| 729 | 3250 | 3408 |
| 850 | 3420 | 3589 |
| 970 | 3592 | 3764 |
| 1092 | 3767 | 3943 |
| 1203 | 4114 | 4340 |
| 1315 | 4277 | 4574 |
| 1422 | 4403 | 4646 |
| 1528 | 4526 | 4773 |
| 1630 | 4636 | 4878 |
| 1735 | 4753 | 5000 |
| 1841 | 4871 | 5126 |
| 1951 | 4993 | 5258 |
| 2064 | 5120 | 5395 |
| 2173 | 5244 | 5529 |
| 2284 | 5364 | 5658 |
| 2390 | 5479 | 5779 |
| 2496 | 5592 | 5896 |
| 2603 | 5703 | 6010 |
| 2712 | 5815 | 6125 |
| 2821 | 5926 | 6240 |
| 2931 | 6036 | 6355 |
| 3042 | 6145 | 6469 |
| 3153 | 6253 | 6582 |
| 3264 | 6359 | 6694 |
| 3375 | 6464 | 6805 |
| 3486 | 6568 | 6915 |
| 84 | 2842 | 2842 |
| 200 | 2988 | 3135 |
| 308 | 3136 | 3280 |
| 425 | 3291 | 3439 |
| 536 | 3414 | 3539 |
| 656 | 3548 | 3682 |
| 776 | 3687 | 3827 |
| 896 | 4199 | 4415 |
| 1000 | 4114 | 4340 |
| 1061 | 4114 | 3993 |
| 1163 | 4138 | 3925 |
| 1269 | 4088 | 4085 |
| 1366 | 4067 | 4116 |
| 1466 | 4067 | 4067 |
| 1613 | 4252 | 4529 |
| 1748 | 4252 | 4252 |
| 1867 | 4252 | 4252 |
| 1973 | 4284 | 4388 |
| 2084 | 4334 | 4529 |
| 2188 | 4440 | 4750 |
| 2291 | 4547 | 4969 |
| 2396 | 4652 | 5249 |
| 87 | 2851 | 2851 |
| 200 | 2984 | 3117 |
| 311 | 3136 | 3312 |
| 425 | 3318 | 3570 |
| 538 | 3500 | 3829 |
| 652 | 3677 | 4080 |
| 765 | 3848 | 4329 |
| 879 | 4041 | 4586 |
| 993 | 4233 | 4848 |
| 1047 | 4102 | 3927 |
| 1130 | 4114 | 3614 |
| 1175 | 4114 | 4114 |
| 1313 | 4159 | 4283 |
| 1452 | 4192 | 4429 |
| 1596 | 4194 | 4207 |
| 1741 | 4251 | 4366 |
| 1886 | 4321 | 4546 |
| 2030 | 4440 | 4745 |
| 2174 | 4567 | 4969 |
| 2320 | 4702 | 5229 |
| 2466 | 5092 | 5476 |
| 2609 | 5296 | 5241 |
| 102 | 2559 | 2559 |
| 215 | 2707 | 2855 |
| 322 | 2833 | 2925 |
| 436 | 3182 | 3572 |
| 538 | 3435 | 4169 |
| 640 | 3692 | 4314 |
| 741 | 3864 | 4287 |
| 843 | 4037 | 4261 |
| 1000 | 3933 | 3933 |
| 1095 | 4001 | 4105 |
| 1195 | 3977 | 3705 |
| 1303 | 4000 | 4238 |
| 1405 | 4063 | 4347 |
| 1503 | 4114 | 4557 |
| 1599 | 4159 | 4759 |
| 1696 | 4194 | 4959 |
| 1793 | 4251 | 5159 |
| 1893 | 4321 | 5359 |
| 1993 | 4440 | 5559 |
| 2093 | 4609 | 5759 |
| 2193 | 4841 | 6059 |
| 106 | 2614 | 2614 |
| 219 | 2745 | 2845 |
| 334 | 2923 | 3451 |
| 452 | 3159 | 3630 |
| 616 | 3468 | 4287 |
| 740 | 3668 | 4571 |
| 870 | 3906 | 4856 |
| 993 | 4142 | 4880 |
| 1104 | 4192 | 4880 |
| 1215 | 4235 | 4884 |
| 1315 | 4285 | 5284 |
| 1415 | 4000 | 3530 |
| 1544 | 4045 | 4588 |
| 1671 | 3972 | 3530 |
| 1800 | 3910 | 3573 |
| 1929 | 3847 | 3847 |
| 2058 | 4138 | 4588 |
| 2190 | 4288 | 4588 |
| 2326 | 4438 | 4588 |
| 2463 | 4588 | 4588 |
| 2600 | 4738 | 4738 |
| 2736 | 4888 | 4888 |
| 2873 | 5038 | 5038 |
| 3009 | 5188 | 5188 |
| 123 | 2659 | 2659 |
| 237 | 2807 | 2955 |
| 351 | 3114 | 3614 |
| 459 | 3341 | 3950 |
| 628 | 3643 | 3950 |
| 744 | 3950 | 4257 |
| 854 | 3950 | 4435 |
| 963 | 4257 | 4649 |
| 1174 | 4257 | 4257 |
| 1281 | 4118 | 4236 |
| 1386 | 4118 | 4118 |
| 1489 | 4003 | 3719 |
| 1589 | 4003 | 3113 |
| 1691 | 4003 | 4000 |
| 1806 | 4003 | 4349 |
| 1917 | 4139 | 4296 |
| 2026 | 4000 | 4000 |
| 2136 | 4000 | 4000 |
| 2248 | 4000 | 4000 |
| 2360 | 4000 | 4000 |
| 2472 | 4000 | 4000 |
| 2583 | 4000 | 4000 |
| 2695 | 4000 | 4000 |
| 2807 | 4000 | 4000 |
| 2918 | 4000 | 4000 |
| 3030 | 4000 | 4000 |
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| 3365 | 4000 | 4000 |
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| 3588 | 4000 | 4000 |
| 3700 | 4000 | 4000 |
| 3812 | 4000 | 4000 |
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| 4258 | 4000 | 4000 |
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| 4482 | 4000 | 4000 |
| 4593 | 4000 | 4000 |
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| 6380 | 4000 | 4000 |
| 6492 | 4000 | 4000 |
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| 7496 | 4000 | 4000 |
| 7608 | 4000 | 4000 |
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| 7831 | 4000 | 4000 |
| 7942 | 4000 | 4000 |
| 8054 | 4000 | 4000 |
| 8166 | 4000 | 4000 |
| 8277 | 4000 | 4000 |
| 8389 | 4000 | 4000 |
| 8500 | 4000 | 4000 |
| 8612 | 4000 | 4000 |
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| 9170 | 4000 | 4000 |
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| 9505 | 4000 | 4000 |
| 9616 | 4000 | 4000 |
| 9728 | 4000 | 4000 |
| 9840 | 4000 | 4000 |
| 9951 | 4000 | 4000 |
| 10063 | 4000 | 4000 |
| 10174 | 4000 | 4000 |
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| 10509 | 4000 | 4000 |
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| 11514 | 4000 | 4000 |
| 11625 | 4000 | 4000 |
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| 11848 | 4000 | 4000 |
| 11960 | 4000 | 4000 |
| 12072 | 4000 | 4000 |
| 12183 | 4000 | 4000 |
| 12295 | 4000 | 4000 |
| 12406 | 4000 | 4000 |
| 12518 | 4000 | 4000 |
| 12630 | 4000 | 4000 |
| 12741 | 4000 | 4000 |
| 12853 | 4000 | 4000 |
| 12964 | 4000 | 4000 |
| 13076 | 4000 | 4000 |
| 13188 | 4000 | 4000 |
| 13299 | 4000 | 4000 |
| 13411 | 4000 | 4000 |
| 13522 | 4000 | 4000 |
| 13634 | 4000 | 4000 |
| 13746 | 4000 | 4000 |
| 13857 | 4000 | 4000 |
| 13969 | 4000 | 4000 |
| 14080 | 4000 | 4000 |
| 14192 | 4000 | 4000 |
| 14304 | 4000 | 4000 |
| 14415 | 4000 | 4000 |
| 14527 | 4000 | 4000 |
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| 14750 | 4000 | 4000 |
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| 15085 | 4000 | 4000 |
| 15196 | 4000 | 4000 |
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| 16089 | 4000 | 4000 |
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| 16870 | 4000 | 4000 |
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| 18210 | 4000 | 4000 |
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| 19995 | 4000 | 4000 |
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| 20442 | 4000 | 4000 |
| 20553 | 4000 | 4000 |
| 20665 | 4000 | 4000 |
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| 20888 | 4000 | 4000 |
| 20999 | 4000 | 4000 |
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| 22785 | 4000 | 4000 |
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| 29593 | 4000 | 4000 |
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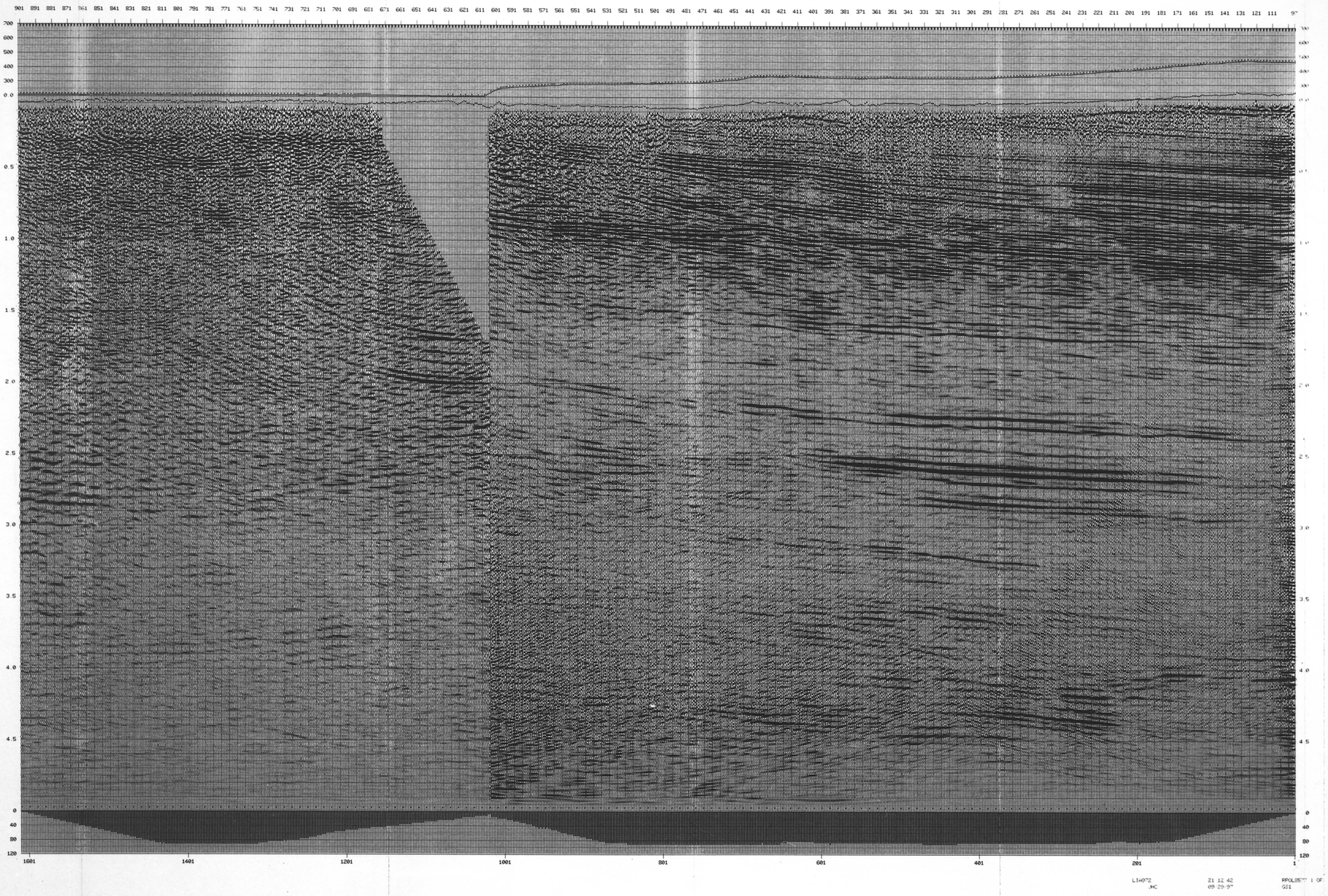
| 30374 | 4000 | 4000 |




# OCELOT INTERNATIONAL

9229-B59-5E

LINE: MR-97-2
PROJECT: FORT LIARD
LOCATION: N.W.T.
LATITUDE 60.1975 TO 60.3391 DEG.
LONGITUDE -123.3256 TO -123.3820 DEG.

SP.903 → SE SP.97

## STRUCTURE STACK MIGRATED

POLARITY ☐ NP ☒ RP
FIRST KICK POLARITY ABOVE FOLD BARS, PEAKS ARE POSITIVE NUMBER;

### ACQUISITION PARAMETERS

| | |
|---|---|
| SHOT FOR: | OCELOT ENERGY INC. |
| SHOT BY: | GECO-PRAHLA PART: 1264 |
| DATE: | MAR. 1997 |
| SPREAD: | 3220 - 40 VP 40 - 3220 M. |
| SOURCE INTERVAL: | 40 M. |
| RECEIVER INTERVAL: | 20 M. |
| ACQUISITION FOLD: | 11000 % |
| SOURCE: VIBROSEIS | MERTZ18, 4 VIBS OVER 30 M., DRAG 40 M |
| RECEIVERS: | GS 2DX, 10 HZ. 70% DAMPING, 9 OVER 20 M |
| INSTRUMENTS: | I/O SYS II 446 TRACE |
| GAIN MODE: | FIXED |
| TAPE FORMAT: | SEG D |
| FIELD FILTERS: | OUT - 207 HZ 3/4 NQ MIN. |
| SAMPLE RATE: | 2 MS. |

### PROCESSING PARAMETERS

| | |
|---|---|
| PROCESSED BY GEO-X DATE: SEP 1997 | GEO-X SYSTEMS LTD. JHC |
| DIGITAL CONVERSION | 2 MS. SAMPLE RATE |
| AMPLITUDE RECOVERY | (T)EXP(BT) B=0.0008 |
| DECONVOLUTION | TYPE: ADAPTIVE S COMPONENT SURFACE CONSISTENT SIGNATURE WITH ZERO PHASE FREQUENCY DOMAIN OFFSET COMPONENT<br>DOMAIN: FREQUENCY<br>GATE: 250-3000 MS. AT 0 OFFSET 2300-3100 MS. AT 4060 M. OFFSET<br>NOTE: SYSTEM CONVERTED TO MINIMUM PHASE |
| STRUCTURAL CORRECTIONS | DATUM ELEVATION: 500 M.<br>DATUM VELOCITY: 3600 M./SEC.<br>PROCESSING DATUM: 0 MS.<br>ELEVATION, WEATHERING, AND DRIFT |
| NOTE: ALL FOLLOWING TIMES REFERENCED FROM PROCESSING DATUM | |
| ANALYSIS | PRELIMINARY VELOCITIES AND STATICS |
| STATICS TRACE KILLS | SURFACE STACK RESIDUAL |
| VELOCITY ANALYSIS FINAL MOVEOUT | INTERVAL: 48 CDPS |
| MEAN SCALING | WINDOW: 300-3000 MS. |
| TIME-VARIANT SCALING | WINDOW: 0-300 MS. |
| MUTE DISTANCE(M.) TIME(MS.) | 300 4060<br>300 2300 |
| STATICS | SURFACE CONSISTENT RESIDUAL WINDOW: 300-3000 MS. |
| TRACE GATHER | MAXIMUM FOLD: 114 |
| STATICS | CDP CROSS CORRELATION WINDOW: 300-3000 MS. |
| STACK | CROSS CORRELATION WEIGHTED |
| F-D MIGRATION | 85 % THEORETICAL VELOCITIES |
| FILTER | 8/12-50/60 HZ. |
| EQUALIZATION | MEAN WINDOW: 300-3000 MS. |

SCALE : 24 TRACES / IN. EVERY 2ND TRACE PLOTTED
3.75 IN. / SECOND

NOTE : S.P. 97 - 599
S.P. 601 - 903 PROCESSED SEPERATELY

TRIATHLON PROJ. NO. 9229 B59 5E
LINE NO. MR-97-2
PART NO. 1 OF 1 R.R. 8X