

SCAT. VELOCITIES

CLIENT COLUMBIA OIL AND GAS

AREA KOTANEELEE

LINE ABD-002

SPs 7-166

FIELD PARAMETERS

SHOT BY FAIRFIELD INDUSTRIES PARTY DATE SEPT/1978
RECORDING SYSTEM DFS V SEG B SOURCE DYNAMITE
SPREAD GEOMETRY 5280-220X-5280 No TRACES 48
GROUP INT. 250. FT S.F. INT. 1320. FT FOLD 4.0 N
SEISMOMETERS PER GROUP 18 AT 12 FOOT INTERVALS
SOURCE GEOMETRY SINGLE HOLE
SOURCE SIZE 50-100 lbs. FIELD FILTER 8/124

900 PACKAGE PROCESSING

PRE-PROCESSING
☐ TRANSLATION TRACK TO 21 TRACK
☐ TRANSCRIPTION ANALOG TO DIGITAL
☐ VERTICAL STACK TO 1
☐ VIBROSEIS CORRELATION SWEEP TO HZ
☐ BINARY GAIN/TRUE AMPLITUDE RECOVERY
☐ NORMAL MOVEOUT
☐ DECONVOLUTION TYPE WHITENING 10%
No OPERATORS FOR TRACE 1
DESIGN GATE 800 TO 2000
OPERATOR LENGTH 98 MS
2 CDP GATHER
4 EQUALIZATION
6 VELOCITY ANALYSIS
8 DATUM STATICS: DATUM 1400 FT
VELOCITY 10000 FT/SEC
ELEVATION/DEPTH CORRECTIONS
WEATHERING CORRECTIONS
5 CORRELATION STATICS: No OF GATES 2
FLATTENED AT MS
9 OTHER CORRELATION STATICS APPLIED
7 NORMAL MOVEOUT
10 FIRST BREAK SUPPRESSION
11 CDP STACK 4 FOLD
12 DIGITAL FILTER
8-40 HZ 8-25 HZ
13 EQUALIZATION
OTHER PROCESSES
DISPLAY FILTER OUT-OUT GAIN DB
COMMENTS

GEOPHYSICAL SERVICE INCORPORATED
CALGARY ALBERTA

PARTY 4403 PROJECT 133620 DATE DEC/78

Columbia Oil and Gas Ltd.
Application for approval of the use of the land
for seismic exploration in Canada
R-10-999
10-10-78
10-10-78

92 29-05-15

SOUTH-EAST

CDP 312	CDP 300	CDP 278	CDP 250	CDP 232	CDP 218	CDP 205	CDP 190	CDP 173	CDP 158	CDP 125	CDP 70
TIME MSEC	TIME MSEC	TIME MSEC	TIME MSEC	TIME MSEC	TIME MSEC	TIME MSEC	TIME MSEC	TIME MSEC	TIME MSEC	TIME MSEC	TIME MSEC
0 10000 350 11400 610 12600 800 13600 1110 14500 1700 15400 2590 16300 4000 17200	0 10000 480 11700 710 12550 980 13300 1300 14150 1810 15000 2740 15850 4000 16700	0 10000 400 11600 610 12500 850 13400 1120 14300 1580 15200 2120 16100 3000 17000 4000 17900	0 10000 500 11450 700 12300 920 13150 1070 14000 1390 14850 1840 15700 2740 16550 4000 17400	0 10000 580 11700 770 12550 1010 13400 1270 14250 1580 15100 2080 15950 2980 16800 4000 17650	0 10000 610 11700 810 12550 1010 13400 1270 14250 1580 15100 2080 15950 2980 16800 4000 17650	0 10000 610 11700 810 12550 1010 13400 1270 14250 1580 15100 2080 15950 2980 16800 4000 17650	0 10000 610 11700 810 12550 1010 13400 1270 14250 1580 15100 2080 15950 2980 16800 4000 17650	0 10000 610 11700 810 12550 1010 13400 1270 14250 1580 15100 2080 15950 2980 16800 4000 17650	0 10000 610 11700 810 12550 1010 13400 1270 14250 1580 15100 2080 15950 2980 16800 4000 17650	0 10000 610 11700 810 12550 1010 13400 1270 14250 1580 15100 2080 15950 2980 16800 4000 17650	0 10000 610 11700 810 12550 1010 13400 1270 14250 1580 15100 2080 15950 2980 16800 4000 17650

CDP 1
TIME MSEC
0 10000 220 11700 350 12550 480 13400 610 14250 740 15100 870 15950 1000 16800 1130 17650 1260 18500 1390 19350 1520 20200 1650 21050 1780 21900 1910 22750 2040 23600 2170 24450 2300 25300 2430 26150 2560 27000 2690 27850 2820 28700 2950 29550 3080 30400 3210 31250 3340 32100 3470 32950 3600 33800 3730 34650 3860 35500 3990 36350 4120 37200 4250 38050 4380 38900 4510 39750 4640 40600 4770 41450 4900 42300 5030 43150 5160 44000 5290 44850 5420 45700 5550 46550 5680 47400 5810 48250 5940 49100 6070 49950 6200 50800 6330 51650 6460 52500 6590 53350 6720 54200 6850 55050 6980 55900 7110 56750 7240 57600 7370 58450 7500 59300 7630 60150 7760 61000 7890 61850 8020 62700 8150 63550 8280 64400 8410 65250 8540 66100 8670 66950 8800 67800 8930 68650 9060 69500 9190 70350 9320 71200 9450 72050 9580 72900 9710 73750 9840 74600 9970 75450 10100 76300 10230 77150 10360 78000 10490 78850 10620 79700 10750 80550 10880 81400 11010 82250 11140 83100 11270 83950 11400 84800 11530 85650 11660 86500 11790 87350 11920 88200 12050 89050 12180 89900 12310 90750 12440 91600 12570 92450 12700 93300 12830 94150 12960 95000 13090 95850 13220 96700 13350 97550 13480 98400 13610 99250 13740 100100 13870 100950 14000 101800 14130 102650 14260 103500 14390 104350 14520 105200 14650 106050 14780 106900 14910 107750 15040 108600 15170 109450 15300 110300 15430 111150 15560 112000 15690 112850 15820 113700 15950 114550 16080 115400 16210 116250 16340 117100 16470 117950 16600 118800 16730 119650 16860 120500 16990 121350 17120 122200 17250 123050 17380 123900 17510 124750 17640 125600 17770 126450 17900 127300 18030 128150 18160 129000 18290 129850 18420 130700 18550 131550 18680 132400 18810 133250 18940 134100 19070 134950 19200 135800 19330 136650 19460 137500 19590 138350 19720 139200 19850 140050 19980 140900 20110 141750 20240 142600 20370 143450 20500 144300 20630 145150 20760 146000 20890 146850 21020 147700 21150 148550 21280 149400 21410 150250 21540 151100 21670 151950 21800 152800 21930 153650 22060 154500 22190 155350 22320 156200 22450 157050 22580 157900 22710 158750 22840 159600 22970 160450 23100 161300 23230 162150 23360 163000 23490 163850 23620 164700 23750 165550 23880 166400 24010 167250 24140 168100 24270 168950 24400 169800 24530 170650 24660 171500 24790 172350 24920 173200 25050 174050 25180 174900 25310 175750 25440 176600 25570 177450 25700 178300 25830 179150 25960 180000 26090 180850 26220 181700 26350 182550 26480 183400 26610 184250 26740 185100 26870 185950 27000 186800 27130 187650 27260 188500 27390 189350 27520 190200 27650 191050 27780 191900 27910 192750 28040 193600 28170 194450 28300 195300 28430 196150 28560 197000 28690 197850 28820 198700 28950 199550 29080 200400 29210 201250 29340 202100 29470 202950 29600 203800 29730 204650 29860 205500 29990 206350 30120 207200 30250 208050 30380 208900 30510 209750 30640 210600 30770 211450 30900 212300 31030 213150 31160 214000 31290 214850 31420 215700 31550 216550 31680 217400 31810 218250 31940 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546350 82120 547200 82250 548050 82380 548900 82510 549750 82640 550600 82770 551450 82900 552300 83030 553150 83160 554000 83290 554850 83420 555700 83550 556550 83680 557400 83810 558250 83940 559100 84070 559950 84200 560800 84330 561650 84460 562500 84590 563350 84720 564200 84850 565050 84980 565900 85110 566750 85240 567600 85370 568450 85500 569300 85630 570150 85760 571000 85890 571850 86020 572700 86150 573550 86280 574400 86410 575250 86540 576100 86670 576950 86800 577800 86930 578650 87060 579500 87190 580350 87320 581200 87450 582050 87580 582900 87710 583750 87840 584600 87970 585450 88100 586300 88230 587150 88360 588000 8849