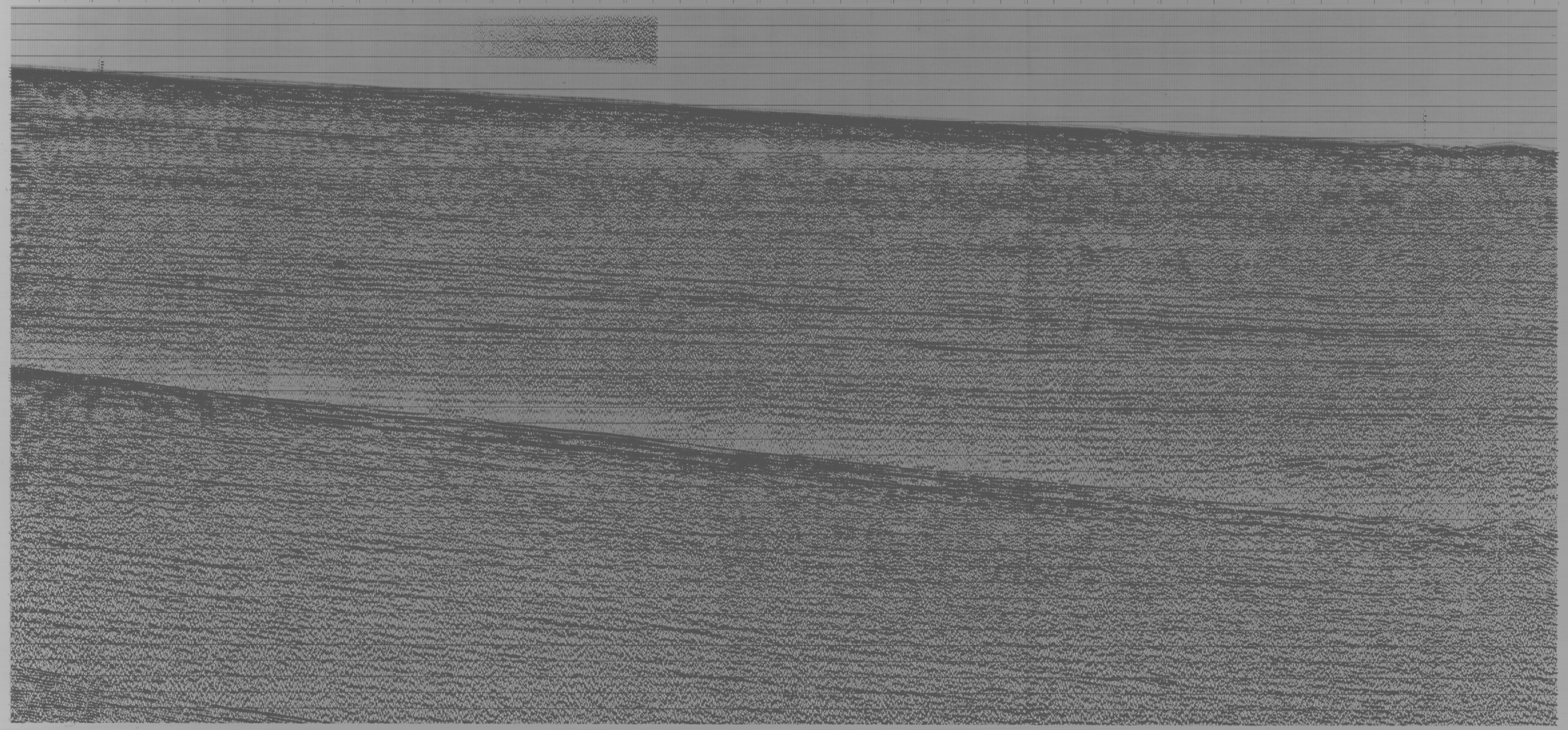
VELOCITY FUNCTIONS AT CONTROL POINTS XLIN.

TIME	V RMS	V INT	DEPTH
0.000	1500	1500	0000
0.100	1500	1500	0075
0.200	1500	1500	0150
0.300	1500	1500	0225
0.400	1500	1500	0300
0.500	1500	1500	0375
0.600	1500	1500	0450
0.700	1500	1500	0525
0.800	1500	1500	0600
0.900	1500	1500	0675
1.000	1500	1500	0750
1.100	1500	1500	0825
1.200	1500	1500	0900
1.300	1500	1500	0975
1.400	1500	1500	1050
1.500	1500	1500	1125
1.600	1500	1500	1200
1.700	1500	1500	1275
1.800	1500	1500	1350
1.900	1500	1500	1425
2.000	1500	1500	1500
2.100	1500	1500	1575
2.200	1500	1500	1650
2.300	1500	1500	1725
2.400	1500	1500	1800
2.500	1500	1500	1875
2.600	1500	1500	1950
2.700	1500	1500	2025
2.800	1500	1500	2100
2.900	1500	1500	2175
3.000	1500	1500	2250
3.100	1500	1500	2325
3.200	1500	1500	2400
3.300	1500	1500	2475
3.400	1500	1500	2550
3.500	1500	1500	2625
3.600	1500	1500	2700
3.700	1500	1500	2775
3.800	1500	1500	2850
3.900	1500	1500	2925
4.000	1500	1500	3000
4.100	1500	1500	3075
4.200	1500	1500	3150
4.300	1500	1500	3225
4.400	1500	1500	3300
4.500	1500	1500	3375
4.600	1500	1500	3450
4.700	1500	1500	3525
4.800	1500	1500	3600
4.900	1500	1500	3675
5.000	1500	1500	3750
5.100	1500	1500	3825
5.200	1500	1500	3900
5.300	1500	1500	3975
5.400	1500	1500	4050
5.500	1500	1500	4125
5.600	1500	1500	4200
5.700	1500	1500	4275
5.800	1500	1500	4350
5.900	1500	1500	4425
6.000	1500	1500	4500
6.100	1500	1500	4575
6.200	1500	1500	4650
6.300	1500	1500	4725
6.400	1500	1500	4800
6.500	1500	1500	4875
6.600	1500	1500	4950
6.700	1500	1500	5025
6.800	1500	1500	5100
6.900	1500	1500	5175
7.000	1500	1500	5250
7.100	1500	1500	5325
7.200	1500	1500	5400
7.300	1500	1500	5475
7.400	1500	1500	5550
7.500	1500	1500	5625
7.600	1500	1500	5700
7.700	1500	1500	5775
7.800	1500	1500	5850
7.900	1500	1500	5925
8.000	1500	1500	6000
8.100	1500	1500	6075
8.200	1500	1500	6150
8.300	1500	1500	6225
8.400	1500	1500	6300
8.500	1500	1500	6375
8.600	1500	1500	6450
8.700	1500	1500	6525
8.800	1500	1500	6600
8.900	1500	1500	6675
9.000	1500	1500	6750
9.100	1500	1500	6825
9.200	1500	1500	6900
9.300	1500	1500	6975
9.400	1500	1500	7050
9.500	1500	1500	7125
9.600	1500	1500	7200
9.700	1500	1500	7275
9.800	1500	1500	7350
9.900	1500	1500	7425
10.000	1500	1500	7500
10.100	1500	1500	7575
10.200	1500	1500	7650
10.300	1500	1500	7725
10.400	1500	1500	7800
10.500	1500	1500	7875
10.600	1500	1500	7950
10.700	1500	1500	8025
10.800	1500	1500	8100
10.900	1500	1500	8175
11.000	1500	1500	8250
11.100	1500	1500	8325
11.200	1500	1500	8400
11.300	1500	1500	8475
11.400	1500	1500	8550
11.500	1500	1500	8625
11.600	1500	1500	8700
11.700	1500	1500	8775
11.800	1500	1500	8850
11.900	1500	1500	8925
12.000	1500	1500	9000

WD. M 2865 2955 3008 3068 3150 3225 3293 3360 3428 3488 3548 3585

SP2410 2430 2450 2470 2490 2510 2530 2550 2570 2590 2610 2630 2650 2670 2690 2710 2730 2750 2770 2790 2810 2830 2850 2870 2890 2910 2930 2950 2970



U.S.G.S.
EAST COAST U.S. OFFSHORE
LINE: 17-A
SP: 2979-2401

SCALED SECTION

RECORDING PARAMETERS

DATE SHOT	SEPT. 6, 1977
VESSEL	M/V CORAL SEAL
ENERGY SOURCE	AIR GUN ARRAY
ENERGY SOURCE CAP.	2160 CU. IN.
SOURCE DEPTH	8 METERS
SHOT OFFSET	300 METERS
SP INTERVAL	100 METERS
FSP INTERVAL	100 METERS
MULTIPLICITY	24 FOLD
STREAMER LENGTH	3600 METERS
STREAMER DEPTH	10 METERS
GROUP INTERVAL FAR	100 METERS
GROUP INTERVAL NEAR	50 METERS
RECORDING INST.	D.F.S. IV
GAIN CONTROL	I.F.P.
FILTER LOW	OUT
FILTER HI	124 HZ.
SAMPLE RATE	2 MS.
RECORD LENGTH	12 SEC. SUB BOTTOM
DATE PROCESSED	APRIL 4, 1979

PROCESSING PARAMETERS
SEQUENCE

DEMULTIPLEX EDIT SUM	1	FILTER	3&8
VIBROSIS CORRELATION		TRACE EQUALIZATION	10
VELOCITY ANALYSIS	2	DECONVOLUTION AFTER	9
NORMAL MOVEOUT	5	CONSTANT SCALE	4
DATUM STATICS		A.G.C. SCALE	6
AUTOMATIC STATICS		MUTE	
STACK	7	ADDITIONAL PROCESSING	
DECONVOLUTION BEFORE			

DIGITAL PARAMETERS DATUM S.L.

VELOCITY ANALYSIS

FIVE ADJACENT CDP'S WERE SUMMED AT 2.5 KM INTERVALS. VELOCITY SAMPLING DONE IN THE RANGE OF 1400 M/S TO 3150 M/S AT 50 M/S INCREMENTS.

CDP STACK

SP INTERVAL RESULTED IN 2 TRACES PER SP.

DECONVOLUTION

	OPERATOR(MS)	PRED. DIST.(MS)	INTERVAL(SEC)
BEFORE			
AFTER	256	36	4.5 - 7.5

BANDPASS FILTERS

FILTER(HZ)	INTERVAL(SEC)
15-55	4.0-7.0
10-45	7.0-9.0
6-25	9.0-16.0

A.G.C. SCALE

AGC GAIN APPLIED BASED ON 1000 MS. SLIDING WINDOWS.

SECTION PROCESSED BY:

U.S. GEOLOGICAL SURVEY		DISPLAY	0 DB
OIL AND GAS BRANCH		SAMPLE RATE	4 MS
DENVER, COLORADO		TRACES PER INCH	24
PROCESSED APPROVED:	KING-W.C.P.	INCHES PER SECOND	2.5