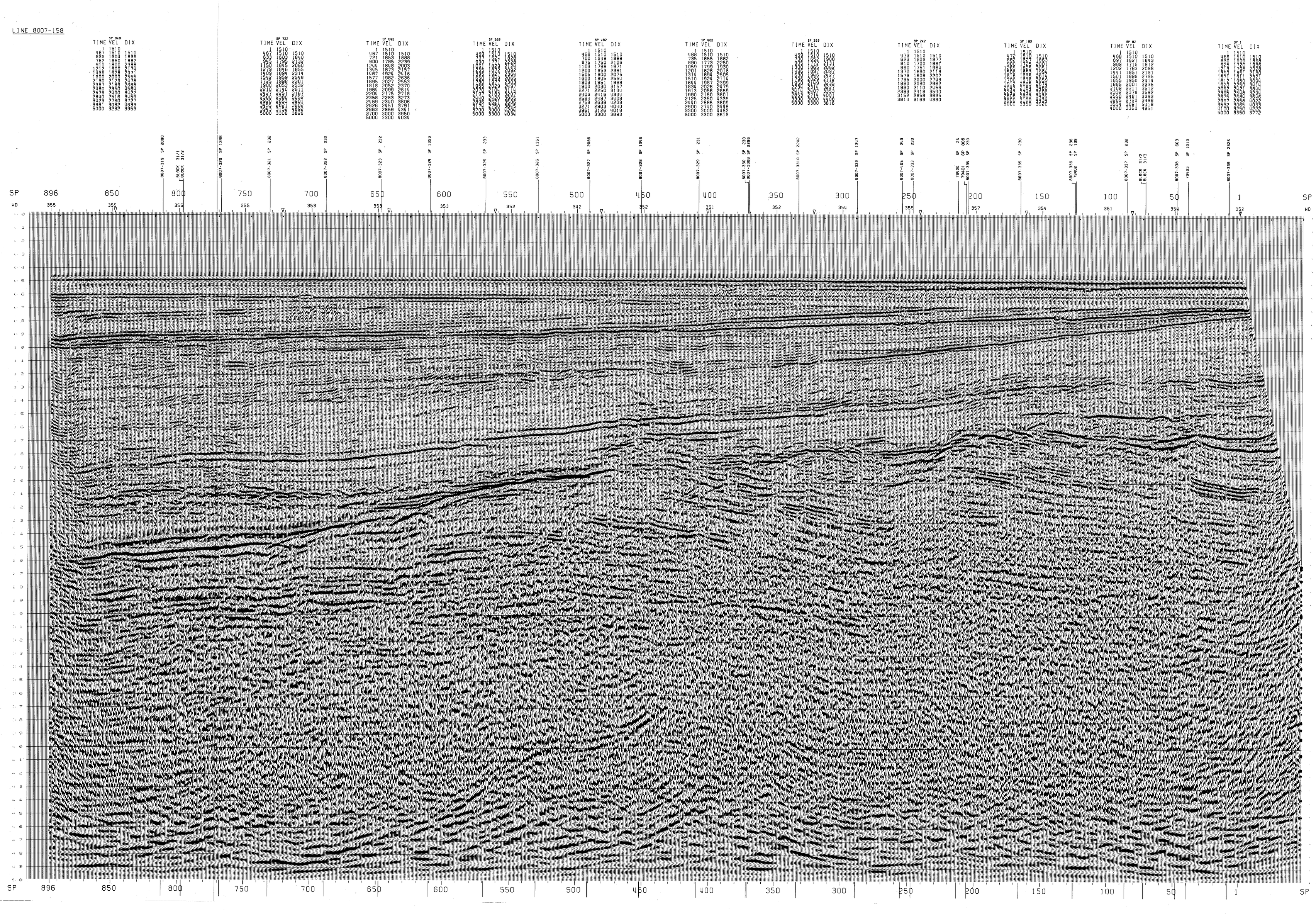
LINE 8007-158



SP 1510	SP 702	SP 642	SP 582	SP 462	SP 402	SP 342	SP 282	SP 222	SP 162	SP 82	SP 1
TIME VEL DIX	TIME VEL DIX	TIME VEL DIX	TIME VEL DIX	TIME VEL DIX	TIME VEL DIX	TIME VEL DIX	TIME VEL DIX	TIME VEL DIX	TIME VEL DIX	TIME VEL DIX	TIME VEL DIX
1 1510 1510	1 1510 1510	1 1510 1510	1 1510 1510	1 1510 1510	1 1510 1510	1 1510 1510	1 1510 1510	1 1510 1510	1 1510 1510	1 1510 1510	1 1510 1510
467 1810 1510	457 1810 1510	457 1810 1510	458 1810 1510	458 1810 1510	458 1810 1510	458 1810 1510	473 1810 1510	473 1810 1510	473 1810 1510	468 1810 1510	468 1810 1510
638 1804 1838	653 1803 1810	657 1804 1840	659 1804 1839	700 1849 1889	700 1849 1889	700 1852 1908	623 1808 1877	685 1827 1863	685 1827 1863	697 1827 1813	630 1700 1808
750 1850 1882	802 1798 1933	800 1798 1933	800 1798 2126	873 1750 2109	873 1750 2109	905 1772 2131	810 1700 1887	900 1755 2001	900 1755 2001	909 1716 1812	905 1720 1936
910 1800 2388	1150 1845 5020	1100 1829 5126	1092 1823 5126	1100 1885 5056	1100 1885 5056	1300 1885 5056	980 1751 1984	1285 1825 2051	1285 1825 2051	988 1716 1812	1215 1780 2028
1279 1846 5176	1279 1846 1855	1300 1822 5096	1300 1822 5096	1200 1897 5037	1200 1897 5037	1498 1897 5037	1270 1860 2118	1506 1853 1982	1506 1853 1982	1232 1783 2068	1369 1857 2180
1439 1828 5071	1409 1899 2314	1577 1902 2638	1577 1902 2638	1577 1902 2638	1577 1902 2638	1577 1902 2638	1578 1909 2607	1616 1895 2674	1616 1895 2674	1141 1851 2191	1871 1811 2321
1600 2000 2966	1512 1898 2048	1695 2027 2583	1695 2027 2583	1695 2027 2583	1695 2027 2583	1695 2027 2583	1695 2029 2743	1700 1898 2659	1700 1898 2659	1255 1950 3094	1815 1950 3094
2130 2139 5276	1725 1898 2301	1890 1977 2933	1890 1977 2933	1890 1977 2933	1890 1977 2933	1890 1977 2933	1695 2029 2743	1815 1950 3094	1815 1950 3094	1365 2001 3275	1915 2020 3114
2267 2199 2606	1907 2053 2532	1955 2029 2970	1955 2029 2970	1955 2029 2970	1955 2029 2970	1955 2029 2970	1830 2050 3169	1915 2020 3275	1915 2020 3275	1399 2001 3275	2005 2121 3894
2280 2350 4564	2215 2140 5811	2215 2140 5811	2215 2140 5811	2215 2140 5811	2215 2140 5811	2215 2140 5811	1964 2099 3614	2109 2178 3615	2109 2178 3615	1435 2178 3615	2005 2121 3894
2578 2400 3422	2421 2251 3102	2409 2175 5718	2409 2175 5718	2409 2175 5718	2409 2175 5718	2409 2175 5718	2409 2175 5718	2409 2175 5718	2409 2175 5718	2435 2178 3615	2305 2196 3894
2890 2516 3139	2800 2389 5052	2368 2303 3278	2368 2303 3278	2368 2303 3408	2368 2303 3408	2368 2303 3408	2368 2303 3408	2368 2303 3408	2368 2303 3408	2435 2181 3498	2305 2196 3894
3067 2700 3137	2967 2557 3001	2588 2430 3209	2588 2430 3209	2758 2636 4208	2758 2636 4208	2927 2903 4040	2440 2665 3809	2440 2665 3809	2440 2665 3809	2435 2267 3498	2982 2705 4023
3467 3000 3023	3163 2756 4805	2963 2578 7391	2963 2578 7391	2963 2578 7391	2963 2578 7391	2963 2578 7391	2500 2700 3948	2500 2700 3948	2500 2700 3948	2435 2267 3498	3200 2821 4223
5000 3282 3923	5000 3306 3826	3700 3000 3850	3700 3000 4094	3961 3126 4018	3961 3126 4018	3961 3126 4018	3300 3000 4154	3300 3000 4154	3300 3000 4154	4030 3350 4931	3700 3021 4223
		5000 3300 4034	5000 3300 4034	5000 3300 3893	5000 3300 3893	5000 3300 3893	5000 3300 3816	5000 3300 3816	5000 3300 3816		5000 3350 3772

AREA: FIELDS 31 AND 32

LINE: 8007-158

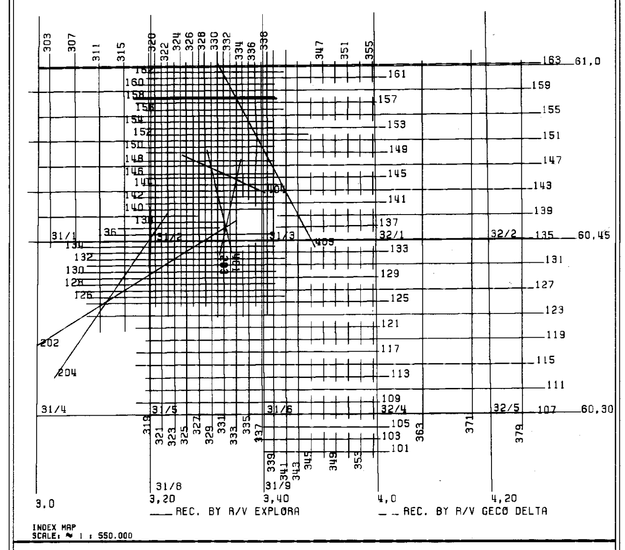
SP. 1 - 896

W SHOOTING DIRECTION

GECO GEOPHYSICAL COMPANY OF NORWAY A.S

statoil

MIGRATED STACK SECTION



SURVEY OPERATED BY A/S NORSKE SHELL

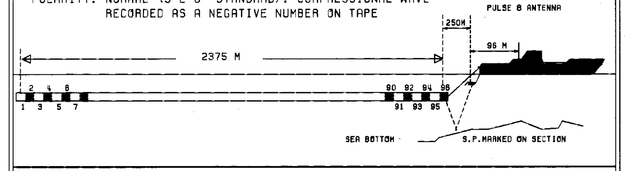
RECORDING DATA

RECORDED BY: PRAKLA BOAT: R/V EXPLORA DATE: JUNE-JULY 1980

POSITIONING: PULSE 8, SYLEDIS, SAT.NAV.

SOURCE:	AIRGUN ARRAY	CABLE:	96 TRACE STREAMER
GUN DEPTH:	7.5 M	SOURCE TO NEAR GROUP:	250 M
VOLUME:	1720 CU.IN.	HYDROPHONES PER GROUP:	32
PRESSURE	2000 PSI.	NO OF GROUPS:	96
SHOT INTERVAL:	25 M	GROUP INTERVAL:	25 M
		GROUP LENGTH:	25 M
		CABLE DEPTH:	9.5 M
		CABLE LENGTH:	2400 M

RECORDING SYSTEM: DFS V (IFP), DSS V
RECORD LENGTH: 6.0 SEC.
RECORDING FOLD: 48 FOLD 96 CHANNELS
SAMPLE RATE: 2 MSEC.
FORMAT: SEG.B, 1600 BPI, 1/2 INCH
RECORDING FILTER: LOW CUT: OUT
HIGH CUT: 128 HZ 72 DB/OCT.
POLARITY: NORMAL (S E G STANDARD). COMPRESSIONAL WAVE RECORDED AS A NEGATIVE NUMBER ON TAPE



PROCESSING PARAMETERS

PROCESSED BY: GECO A.S DATE: AUG.- NOV. 1980

1. DEMULTIPLEX: 5.0 SECS. SUM OF TWO ADJ.CHANNELS INTO 48CH., RESAMPL.: 2-4 MS
2. COP.GATHER
3. GEOMETRICAL SPREADING CORRECTION
4. REFINED VELOCITY FILTER
5. VELOCITY ANALYSIS: USING 2 CDPS IN EACH; AFTER DSS 12/80-1
6. INNER TRACE MUTE
7. NMO/STACK - 4800 %
8. GAIN CORRECTION
9. DAS: CONVENTIONAL (SEE BELOW)
10. DETERMINISTIC DECON, ZERO PHASE, WAVELET SUPPLIED BY A/S NORSKE SHELL.
11. MIGRATION: FINITE DIFFERENCE APPROACH. STEP SIZE 36 MS. DIP 15 DEG.
12. TIME VARIANT FILTERING (SEE BELOW). RMS SCALING IN FILTER ZONES
13. STATIC CORR.: SHOT: 5 MSEC. RECEIVER: 6 MSEC. ADDED IN DISPLAY.
14. DISPLAY (SEE BELOW)

DECONVOLUTION	D B S	D A S
LENGTH AUTOCORR	NOT APPLIED	204 MS.
LENGTH OPERATOR		100 MS.
MIN.PRED.DISTANCE		104 MS.
NO.OF AUTOCORR.WINDOW		1
DERIVATION WINDOW		1000 - 4000 MS.
APPLICATION WINDOW		0 - 5000 MS.

FILTER:	TIME (SEC.)	FREQ. (HZ)	RMS-LEVEL
TIME VARIANT			
ZERO-PHASE	0.00-0.95	5-10 - 40-60	2000
BAND-PASS	0.45-1.60	5-10 - 40-60	2000
FILTER.	1.20-2.35	5-10 - 40-60	2000
	2.05-2.85	4-8 - 35-50	2000
	2.55-3.55	4-8 - 25-45	2000
	3.05-4.20	4-8 - 25-35	1800
	3.60-5.00	4-8 - 25-35	1800

DISPLAY: GAIN = 9 DB BIAS = 30 %

POLARITY: **NORMAL** (S E G STANDARD) COMPRESSIONAL WAVE DISPLAYED AS A TROUGH (WHITE)

HORIZONTAL SCALE		VERTICAL SCALE	
FULL SCALE SECTIONS	1 : 25.000	FULL SCALE SECTIONS	10 CM/SEC.
HALF SCALE SECTIONS	1 : 50.000	HALF SCALE SECTIONS	5 CM/SEC.

BAR SCALE SP.: 1 / 25M / 40 / 0 / 500M / 1KM

DISPLAY DATE: NOV. - DEC. 1980

CHECKED DATE: 83.1.31 SIGN:

FOR CLIENT USE CHECKED DATE: SIGN:

INTERPRETED BY: CHECKED DATE: SIGN:

LEGEND: WD = WATERDEPTH IN METERS
V = POSITION OF VELOCITY ANALYSIS, VELOCITIES GIVEN IN M/S
I = INTERSECTION