

# LINEA D84-134

SSW



NNE

RECORDED BY:  
HORIZON EXPLORATION LTD  
NORTHERN HORIZON  
DATE:  
MAY 1984

PROCESSED BY:  
AS40350  
SERMESSGRUPPE  
SUPERVISOR: WEBER, J  
DATE:  
28.02.1985

RECORDING DATA

SOURCE: TYPE BOLT PAR AIRGUNS CABLE: 2400 M PRARLA-SEISMOS STREAMER

GUN DEPTH: 5 M CENTRE ARRAY TO CENTRE NEAR TRACE 90 M  
NUMBER OF GUNS: 5 HYDROPHONES / SECTION 120  
VOLUME: 1520 CU IN TYPE: MFL-0045 ( 140-2510 )  
PRESSURE: 2000 P.S.I. NO. OF GROUPS: 2 96  
SHOT INTERVAL: 29 M GROUP LENGTH: 29 M  
S.O.D. TO SHOT: 55 MS CABLE DEPTH: 6-12 M AVERAGE  
DISTANCE ANTENNA - SOURCE CENTRE: 95 M

RECORDING SYSTEM: DFS V

RECORD LENGTH: 48 FOLD - 6.0 SEC  
RECORDING FOLD: 48 FOLD - 96 TRACES  
SAMPLE RATE: SEC 8 1400 HZ  
FORMAL: SEC 8 1400 HZ  
RECORDING FILTER: LOW CUT: 12 HZ - 18 DB/OCT  
HIGH CUT: 128 HZ - 12 DB/OCT

PROCESSING SEQUENCE

1. DEMULTIPLY
2. GAIN REMOVAL
3. ANTIALIAS FILTER 90 HZ
4. RESAMPLING 2 MS TO 4 MS
5. AMPLITUDE CORRECTIONS FOR SPHERICAL DIVERGENCE
6. S.O.D. CORRECTIONS 55 MS
7. DEPHASING
8. TRACE MIX 1:2:3:2:1
9. D.S.S. (SEE BELOW)
10. MULTIPLE ATTENUATION (SEE BELOW)
11. DYNAMIC CORR. DERIVED FROM VELOCITY ANALYSES GERA - EVERY 3 KM
12. DIGITAL AGC. GATE LENGTH 2500 MS
13. HORIZONTAL STACKING 48 - FOLD
14. SHOT AND STREAMER CORR. 10 MS
15. D.A.S. (SEE BELOW)
16. T.W.F. (SEE BELOW)
17. DIGITAL AGC. GATE LENGTH 600 MS
18. DISPLAY

DECONVOLUTION D.S.S.

OPERATOR LENGTH 300 MS  
PREDICTION LENGTH 12 MS  
NO. OF AUTOCORR. WINDOWS 1  
DESIGN GATE 200-2300 MS BELOW SEABOTTOM

D.A.S.

OPERATOR LENGTH 300 MS  
PREDICTION LENGTH 48 MS  
NO. OF AUTOCORR. WINDOWS 1  
DESIGN GATE 200-2800 MS BELOW SEABOTTOM

FILTER: SP.835	TIME (SECS)	FREQ (HZ)	SLOPES (DB/OCT)
	0.6	LC 12	HC 15
	1.6	10	50
	2.6	10	40
	3.6	8	35
	4.6	6	30

DISPLAY PARAMETERS

S.P. MARKED ON SECTION AT C.D.P. POSITION  
\* S.P. MARKING REVERSED

DATUM PLANE IS SEA LEVEL

POLARITY: NORMAL (S.E.G. STANDARD) COMPRESSIONAL WAVE  
RECORDED AS A NEGATIVE NUMBER ON TAPE AND PLOT AS TROUGH  
(WHITE) ON PLATBACK

LEGEND: POLARITY  
NEGATIVE VALUES: BLACK  
WHITE: WHITE  
VELOCITY INPUT: BLACK

SCALES:  
HORIZONTAL: 1 CM = 100 M  
VERTICAL: 1 CM = 100 M

1 KILOMETRE

