



 SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA	DATE PROCESSED: JUNE 1984 O. C. RN
FIELD RECORDING	
DATE SHOT _____ SOURCE BY _____ SOURCE TYPE _____ STATION PATTERN _____ CHARGE SIZE _____ GEOPHONE PATTERN _____ INSTRUMENTS _____ FORMAT _____ RECORDING FILTER _____ RECORD LENGTH _____ SAMPLE INTERVAL _____ GRAB INTERVAL _____ SHOT POINT INTERVAL _____ SPREAD GEOMETRY _____	MARCH 1984 SEFEL GEOPHYSICAL LTD. PARTY NO 501 DYNAMITE _____ SINGLE ROPE _____ 2 KG AG 1/2 M _____ HK-10 10 HZ _____ 2 AT 3 M INTERVALS _____ KOS-10 96 TRACES _____ 1 SEC _____ 12/18 - 172/72 HZ _____ 2 MS _____ 25 M _____ 100-25-X-25-1200 M _____
DIGITAL PROCESSING	
1 DEMULTIPLEX WITH GAIN REMOVAL 2 INSTRUMENT PHASE COMPENSATION 3 CD/TRACE PHASE COMPENSATION 4 CD/TRACE GATHERS _____ 5 AUTOMATIC GAIN CURVE APPLICATION _____ 6 SPOKING DECONVOLUTION _____ 7 OPERATOR DESIGN WINDOW _____ 8 MIN OFFSET _____ 9 MAX OFFSET _____ 10 OPERATOR LENGTH _____ 11 PREHEATING _____ 12 HEATERING STATICS _____ 13 DATUM ELEVATION _____ 14 DATA VELOCITY _____ 15 HEATERING VELOCITY _____ 16 AUTOMATIC RESIDUAL STATICS _____ 17 MAX CORRELATION LAG _____ 18 MINIM _____ 19 VELOCITY ANALYSIS _____ 20 NMO _____ 21 AUTOMATIC RESIDUAL STATICS _____ 22 MAX CORRELATION LAG _____ 23 MINIM _____ 24 COMMON OFFSET STACK _____ 25 RESIDUAL NMO _____ 26 MUTE _____ 27 STACK _____ 28 HAVE EQUATION MIGRATION _____ 29 BANDPASS FILTER _____ 30 EQUALIZATION _____ 31 MINIM _____ 32 FILM DISPLAY _____	2 MS _____ 700-2200 MS _____ 60 MS _____ 1 PERCENT _____ 650 M ASL _____ 3000 M/SEC _____ 610 M/SEC _____ +30 MS _____ 250-1400 MS _____ ++20 MS _____ 250-1250 MS _____ 1200 PERCENT _____ 10/20 - 60/70 HZ _____ 400-2500 MS _____ 16 TRACES/IN _____ 7.5 INCHES/SEC _____
NORMAL POLARITY (POSITIVE VALUE PEAK)	
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS	

