



2000 Varsity Rd.
Canada K1G 3P1
Tel: (613) 731-3971
Tele: (613) 731-3972
Cable: TERRA

PROJ. NO. 9 2 2 9 - N 1 0 - 1 0 E

LINE NO. N C L - 3

PART NO. 1 OF 2

R.R. 10X

LINE NCL-3
S.P. 93-649

EAST

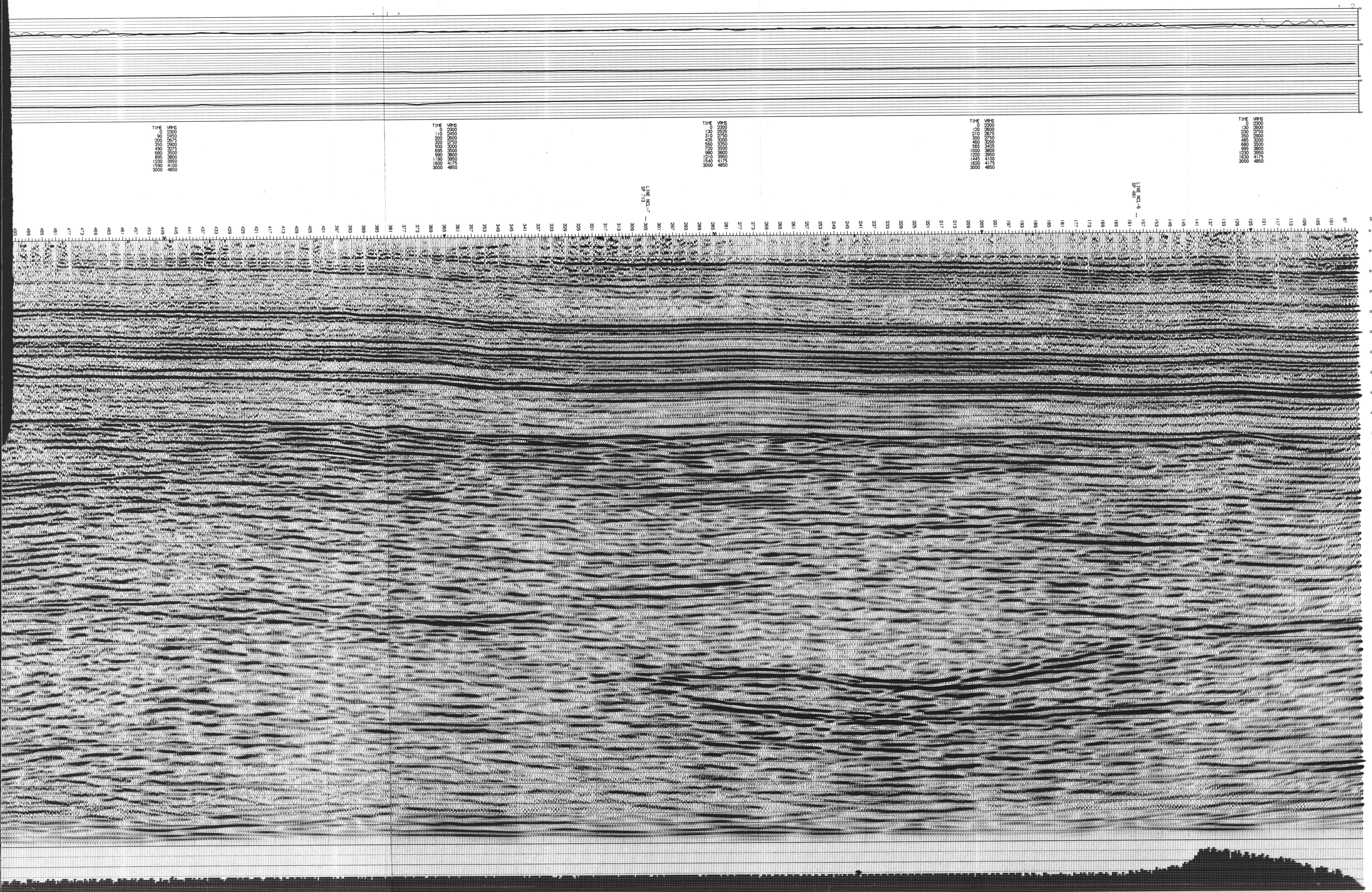
9889-119-10E

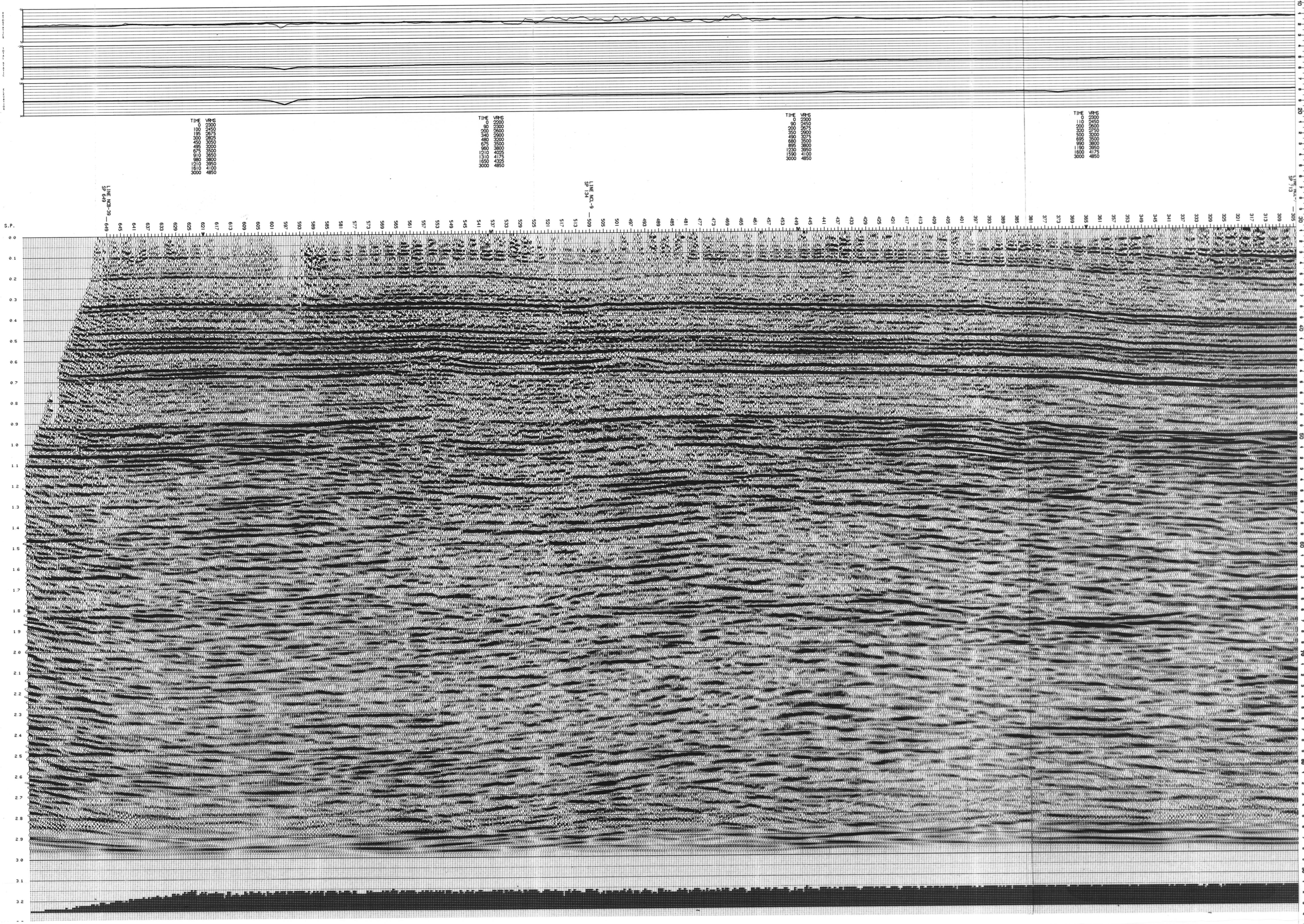
MIGRATED STACK

NORTHCOR ENERGY LTD

CELIBETA LAKE

SEFEL SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED JUNE, 1984 G.C. DEBRA BARRON
FIELD RECORDING	
DATE SHOT MARCH, 1984	SHOT BY SEFEL GEOPHYSICAL LTD.
SOURCE TYPE DYNAMIC	PARTY NO. 508
SOURCE PATTERN SINGLE HOLE	
CHARGE 2 KG AT 111 M	
GEOPHONE TYPE GEOSPAC 10 HZ	
GEOPHONE PATTERN 9 AT 3 M INTERVALS	
DATA CHANNELS 16	
GROUP INTERVAL 25 M	
SHOT POINT INTERVAL 100 M	
SPREAD GEOMETRY 1200-25-X-25-1200	
INSTRUMENT TYPE MDS-10	
TAPE FORMAT SEG B	
FIELD FILTER 12/18-125/72 HZ/DB	
NOTCH OUT	
SAMPLE INTERVAL 2 MS	
RECORD LENGTH 3 SEC	
DIGITAL PROCESSING	
1 DEMULTIPLEX WITH GAIN REMOVAL PROCESSING SAMPLE RATE 2 MS	
2 GEOMETRY	
3 AUTOMATIC GAIN CURVE APPLICATION	
4 INSTRUMENT PHASE COMPENSATION	
5 GEOPHONE PHASE COMPENSATION	
6 SPIKING DECONVOLUTION OPERATOR LENGTH 60 MS OPERATOR DESIGN WINDOW 200-1650 MS MIN OFFSET 850-2300 MS MAX OFFSET 1 PERCENT	
7 EQUALIZATION	
8 WEATHERING CORRECTIONS DATUM ELEVATION 500 M ASL DATUM VELOCITY 3700 M/SEC WEATHERING VELOCITY 610 M/SEC	
9 AUTOMATIC RESIDUAL STATICS WINDOW 500-1700 MS MAX CORRELATION LAG +- 40 MS	
10 VELOCITY ANALYSIS	
11 NORMAL MOVEOUT	
12 AUTOMATIC RESIDUAL STATICS WINDOW 300-2000 MS MAX CORRELATION LAG +- 20 MS	
13 COMMON OFFSET STACK	
14 RESIDUAL NMO	
15 MUTE	
16 STACK	
17 BANDPASS FILTER 10/20-60/70 HZ	
18 EQUALIZATION	
19 TIME DOMAIN HIVE EQUATION MIGRATION WINDOW 400-2000 MS	
20 FILM DISPLAY 7.5 IN/SEC	
POLARITY (X) NORMAL () REVERSE	
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS	





TIME VRS
0 2000
100 2450
200 2850
300 3250
400 3650
500 4050
600 4450
700 4850
800 5250
900 5650
1000 6050
1100 6450
1200 6850
1300 7250
1400 7650
1500 8050
1600 8450
1700 8850
1800 9250
1900 9650
2000 10050

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1900 9650
2000 10050

LINE NO. 9 - 999
SP 151

LINE NO. 9 - 649
SP 649