terra surveys ltd
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-N10-3E LINE NO. OSM-5 PART NO. 1 OF 3 R.R. 8X

SEFEL GEOPHYSICAL
DATA PROCESSING & CONSULTANTS
(CALGARY)

CLIENT NORTHCOR ENERGY LTD
PROSPECT ISLAND RIVER
LINE OSM-5 DIRECTION S.E.

FIELD PARAMETERS

SHOT BY	SEFEL GEOPHYSICAL
DATE SHOT	MARCH 1989
SOURCE PATTERN	SINGLE HOLE
CHARGE SIZE	2 KG AT 12 M
GEOPHONE TYPE	OYO SERCEL
GEOPHONE FREQ	10 HZ
GEOPHONE PATTERN	8 STN 3 M INTERVALS
INSTRUMENTS	MDS-0 96 TRACES
FORMAT	SEG B
RECORDING FILTER	9-18 - 125/72 HZ
SAMPLE RATE	2 MS
SAMPLE INTERVAL	2 MS
SPREAD GEOMETRY	1200 25-X-25-1200
GROUP INTERVAL	25 M
SHOT POINT INTERVAL	100 M

PROCESSING SEQUENCE

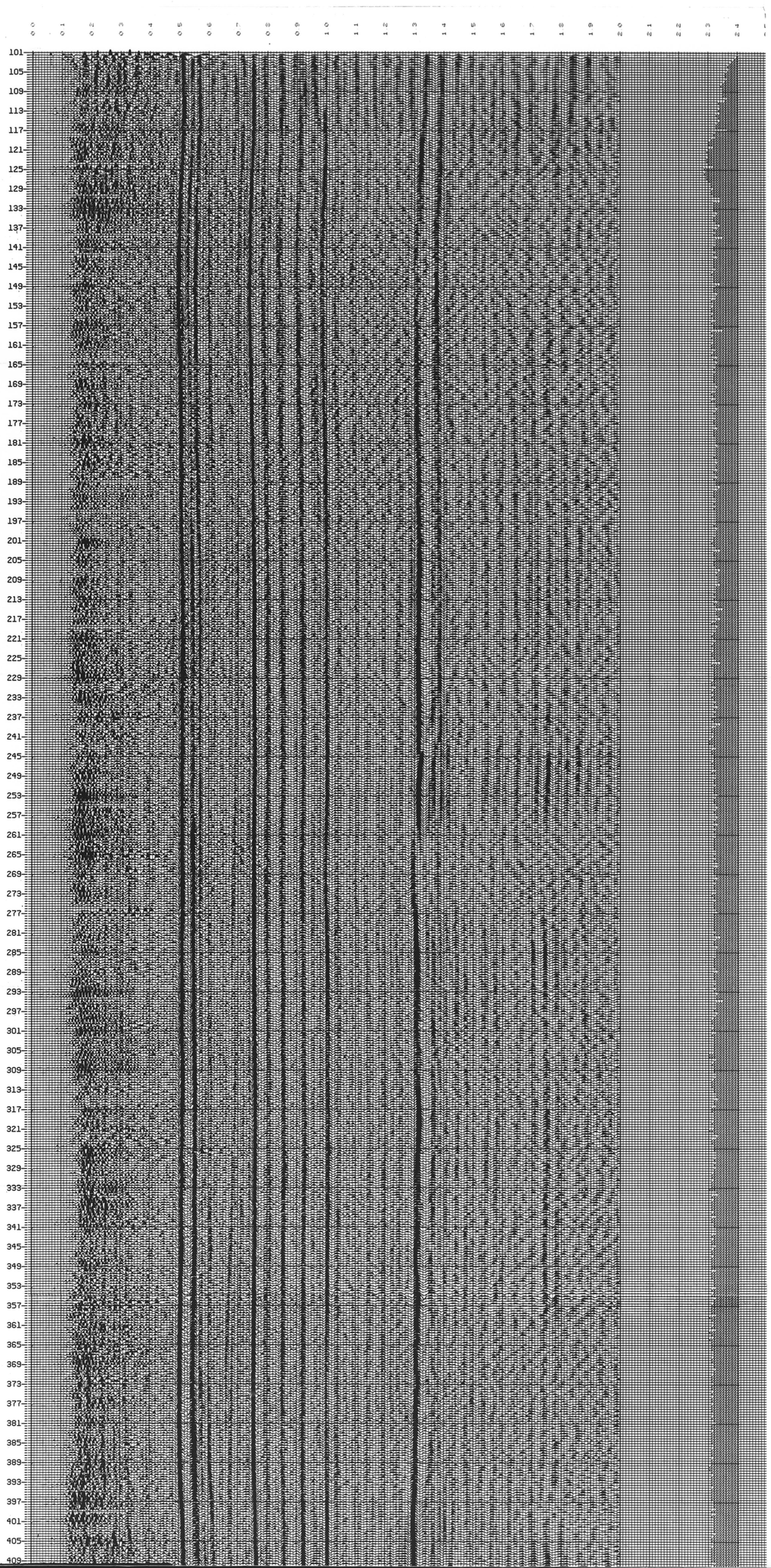
1	DEMULTIPLEX WITH GAIN REMOVAL	
	TIME SAMPLE RATE	2 MS
	PROCESSING SAMPLE RATE	2 MS
2	GEOMETRY APPLIED	POLARIZATION
3	INSTRUMENT PHASE CORRECTION	YSTEM
4	SPECTRAL BALANCE	300-1300 MS
	WINDOW (MINIMUM OFFSET)	
	BANDWIDTH	60 MS
	PREWHITENING	1 PERCENT
5	REFRACTION STATICS	
6	WEATHERING STATICS	
	DATUM ELEVATION	700 M OSL
	DATUM VELOCITY	2750 M/SEC
	WEATHERING VELOCITY	610 M/SEC
8	VELOCITY ANALYSIS	
9	NMO AND EDITS	
10	RESIDUAL STATICS	+-30 MS
	CORRELATION LAG	350-1300 MS
	WINDOW	
11	CDP/CMP STACK	
12	CENTRAL OFFSET STACK	
13	RESIDUAL STATICS	+-15 MS
	CORRELATION LAG	350-950 MS
	WINDOW	
14	MUTE	1200 PERCENT
15	STACK	8-18-100/120 HZ
16	BAND PASS FILTER	
17	EQUALIZATION	300-1700 MS
	WINDOW	
18	FINAL DISPLAY	
	POLARITY	REVERSE
		18 TRACE/IN
		7.5 INCHES/SEC

QC GEOPHYSICIST IGS DATE MAY, 1989
APPROVED

ELEVATION
700 500

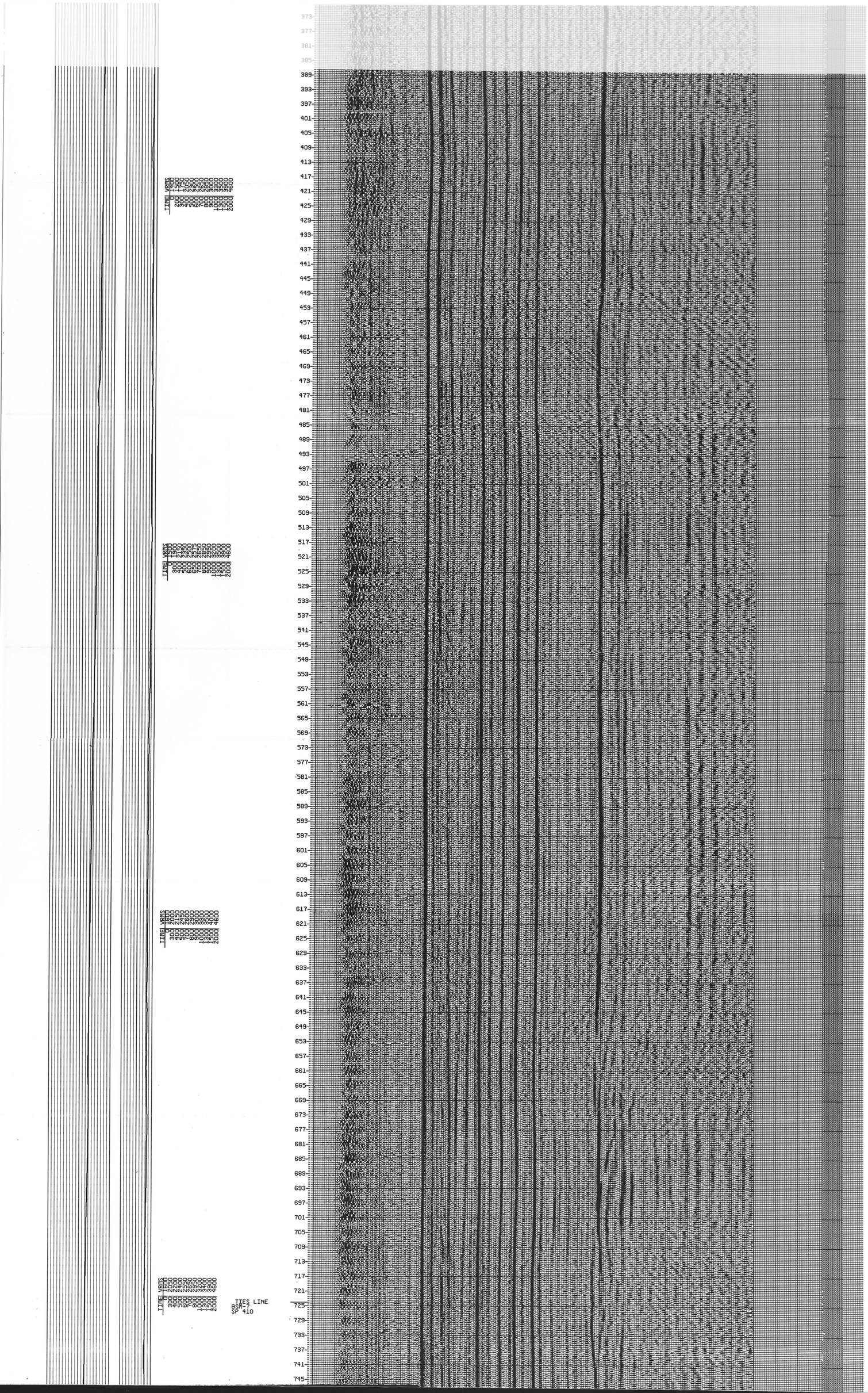
TOTAL CORR. (MSEC)
-100 100

TIME	VSRS
0	1500
200	1850
400	2100
600	2250
800	2600
1000	3000
1200	3500
1400	3900
2000	4600



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PROJ NO 9229-N10-3F LINE NO. OSM-5 PART NO. 2 OF 3 R.R. 8X



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PROJ. NO. 9229-N10-3E LINE NO. OSM-5 PART NO. 3 OF 3 R.R. 8X

