



	SEPEL GEOPHYSICAL	DATE PROCESSED
	SEISMO DATA PROCESSING	JULY 1984
	CALGARY CANADA	O.C. TCS

FIELD RECORDING

DATE SHOT	SEPEL 1984
SHOT BY	MARCHEL PHYSICAL LTD
SOURCE TYPE	DYNAMETE
SOURCE PATTERN	SINGLE HOLE
CHARGE SIZE	10 KG AT 18 M.
GEOPHONE TYPE	MARC-115A 10 HZ
INSTRUMENTS	18 AT 3M INT.
FORMAT	NOS 10
DATA CHANNELS	SEGB
RECORD FILTER	88
RECORD LENGTH	12/18-172/72
STOP INTERVAL	6 SEC
GROUP INTERVAL	2 MS
SHOT POINT INTERVAL	40 M.
SPREAD GEOMETRY	1920-40-X-40-1920

DIGITAL PROCESSING

1 DEMULTIPLY WITH GAIN REDUVAL	
PROCESSING SAMPLE RATE	2 MS
2 CTR TRACE GATHERS	4800 PERCENT
3 INSTRUMENT PHASE COMPENSATION	
4 GEOPHONE PHASE COMPENSATION	
5 AUTOMATIC GAIN CURVE APPLICATION	
6 SPLICING DECONVOLUTION	
OPERATOR DESIGN HINDON	
MIN OFFSET	500-1350 MS
MAX OFFSET	700-1700 MS
OPERATOR LENGTH	80 MS
PREHINTENING	1 PERCENT
7 HEATHERING STATICS	
DATUM ELEVATION	VARIABLE DATUM
DATUM VELOCITY	3700 M/SEC.
8 HEATHERING VELOCITY	610 M/SEC.
9 VELOCITY ANALYSIS	
10 AUTOMATIC RESIDUAL STATICS	
MAX CORRELATION LAG	-440 MS
11 RESIDUAL NOD	500-2500 MS.
11 COMMON OFFSET STACK	
12 RESIDUAL NOD	
13 MUTE	
14 TIME VARIANT FILTER	4800 PERCENT
15 10000 MS	
16 EQUALIZATION	14/20-65/75 HZ
17 HINDON	11/19-40/56 HZ
18 VARIABLE TO FIXED DATUM CORRECTION	500-2500 MS.
19 FIXED DATUM	500 M/ASL
20 TIME DISPLAY	16 TR/IN
	2 IN/SEC

POLARITY (X) NORMAL () REVERSE

PROCESSING PARAMETERS SELECTED BY
 EMPRESS EXPLORATION CONSULTANTS

