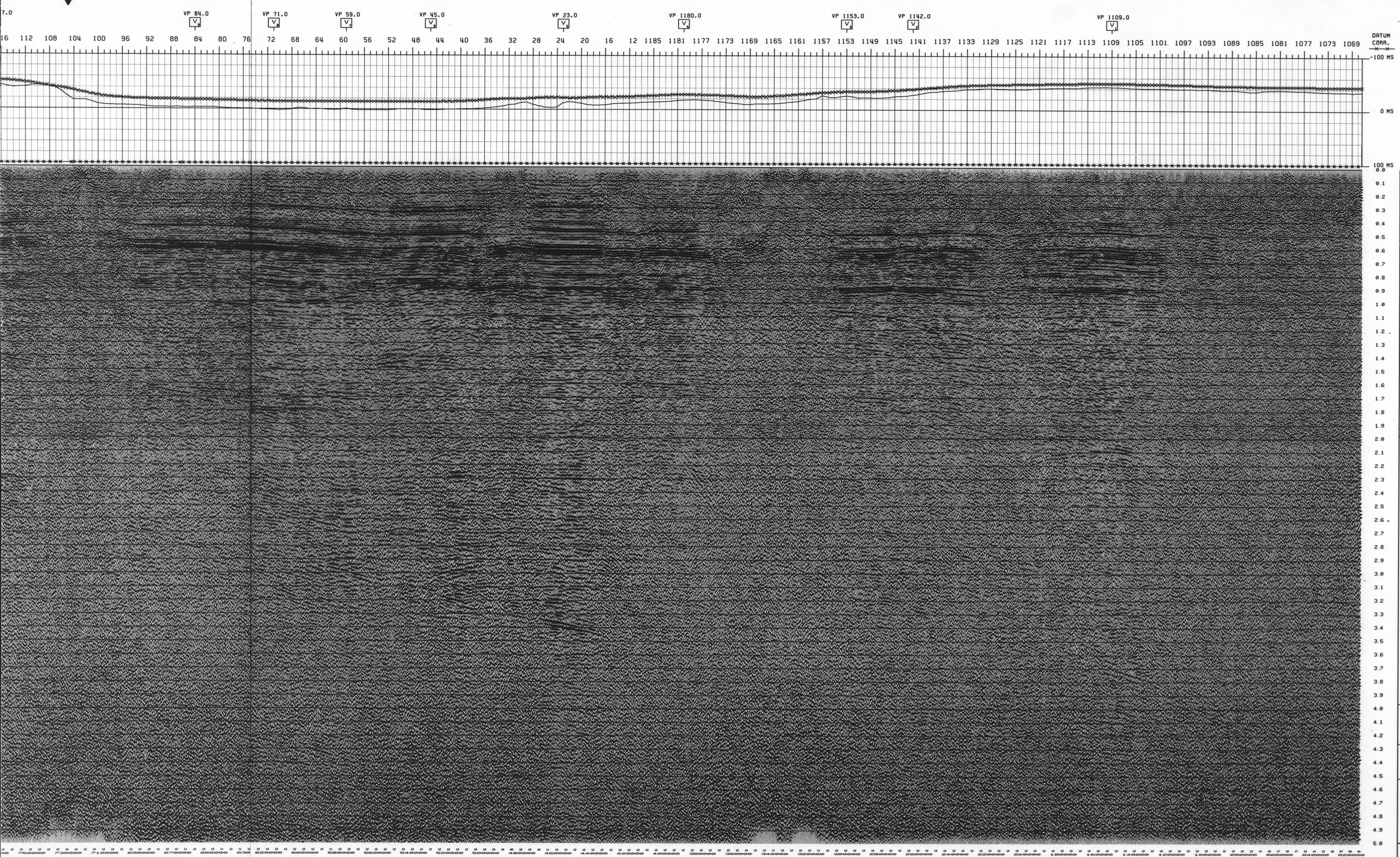


VP 117.0	VP 84.0	VP 71.0	VP 59.0	VP 45.0	VP 23.0	VP 1180.0	VP 1153.0	VP 1142.0	VP 1109.0	VP 1108.0	VP 1108.0
LINE 27K	LINE 27K	LINE 27K	LINE 27K	LINE 27K	LINE 27K	LINE 27K	LINE 27K	LINE 27K	LINE 27K	LINE 27K	LINE 27K
STN 948+90	STN 948+90	STN 948+90	STN 948+90	STN 948+90	STN 948+90	STN 948+90	STN 948+90	STN 948+90	STN 948+90	STN 948+90	STN 948+90



PROSPECT : MAHONY LAKE
LINE : 90X
VPS : 1067-1186/10-234
PROCESS : CONVENTIONAL
POLARITY : REVERSE

PETRO-CANADA INC.
ARER: MAHONY LAKE, N.W.T.

REPLACEMENT VELOCITY: 6000 M/SEC DATUM PLANE: 305 METERS

SURVEY DATE : APRIL 1984
RECORDED BY : WESTERN GEOPHYSICAL CO. OF CANADA LTD. (PARTY #746)
PROCESSED BY : WESTERN GEOPHYSICAL CO. OF CANADA LTD.
FOLD : 1200 X

RECORDING DATA

SOURCE
ENERGY SOURCE : VIBROSEIS
NUMBER OF SOURCES : 4
SOURCE PATTERN : INLINE
SOURCE TO FIRST RECEIVER : 90 METERS
NUMBER OF SHEEPS : 8
PILOT SHEEP : 14-90 HZ.
SHEEP LENGTH : 4 SECONDS
NOMINAL INTERVAL : 120 METERS

INSTRUMENTS

AMPLIFIER : OPS V-ADDDIT IV
FILTER : 12-DUT
SAMPLING INTERVAL : 2 MS.
RECORD LENGTH : 9 SECONDS
TAPE FORMAT : SEC 8-98 TRACE

CABLE

TYPE OF GEOPHONE : GEOSPAC 200, 10 HZ
NUMBER OF GEOPHONES PER GROUP : 9 AT 90 METERS
NUMBER OF GROUPS RECORDED : 88
GROUP INTERVAL : 30 METERS
PERCENT COVERAGE : 1200 X
SPREAD : 1500-90-VP-90-1500

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 2 MSEC

1. EDIT/DEMULPLEX
2. VIBROSEIS CORRELATION
3. PHASE COMPENSATION
4. STATICS
5. AMPLITUDE COMPENSATION
6. PRE-PROCESSOR
7. PRE-FILTER
8. DECONVOLUTION BEFORE STACK
9. F-K NOISE ATTENUATION
10. AUTOMATIC STATICS (MISER)
11. VELOCITY ANALYSIS (VELAN)
12. NMO CORRECTION
13. NMO CORRECTION
14. CDF CORRELATION TRIM STATICS
15. STACK (1200 X)
16. TIME VARIANT FILTER
17. RMS GAIN
18. FILM AT 14 DB

SPREAD DIAGRAM
VP
GROUP INTERVAL - 30 METERS

LEGEND
VELOCITY FUNCTION
VELOCITY ANALYSIS
INTERSECTIONS

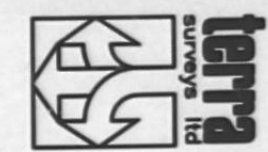
HORIZONTAL SCALE
1/8" = 1 KILOMETER
1/4" = 1 KILOMETER
3/8" = 1 KILOMETER

VERTICAL SCALE
3.75 INCHES PER SECOND

NOTATIONS
POLARITY CONVENTION
NEGATIVE POLARITY
RECORDING VELOCITY INCREASE - NEGATIVE NUMBER
PROCESSING VELOCITY INCREASE - POSITIVE NUMBER
DISPLAY VELOCITY INCREASE - POSITIVE NUMBER

WESTERN GEOPHYSICAL
PROCESSED BY: GROUP 1
APPROVED BY: J.L.R.

9229-P28-3E



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Fax: (613) 731-8572

PROJ. NO. 9 2 2 9

LINE NO. 1 0 3

SHEET NO. 2

R. 8X

