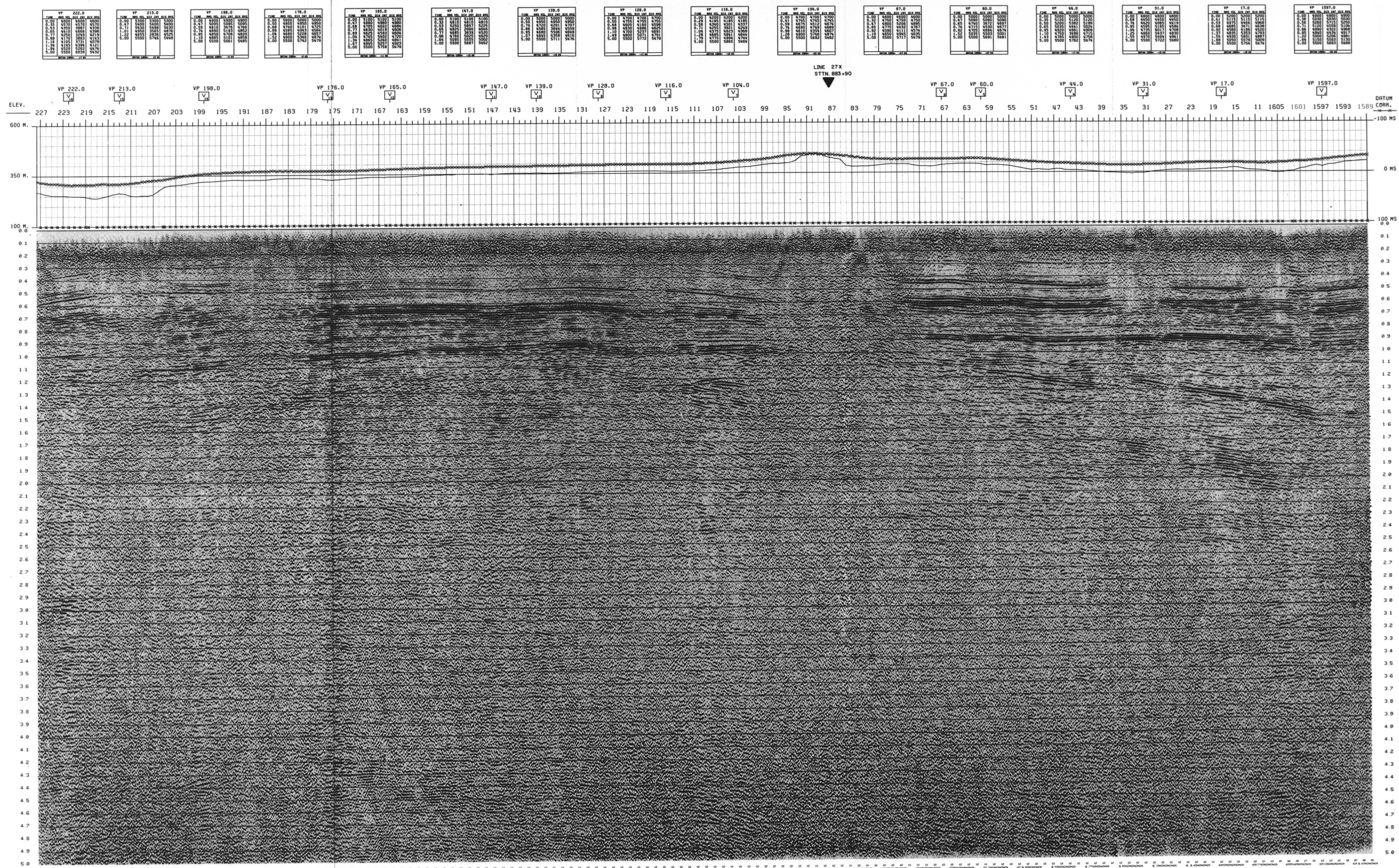




9 229 28 88
MAY 2 1986
Western Geophysical
Project 5

PROSPECT : MAHONY LAKE
LINE : 86X
SHOT : 1589-1608/11-228
STATION :
PROCESS : CONVENTIONAL
POLARITY : REVERSE

NORTHEAST

PETRO-CANADA INC. AREA: MAHONY LAKE, N.W.T.	
REPLACEMENT VELOCITY: 6000 M/SEC DATUM PLANE: 305 METERS	
SURVEY DATE: APRIL 1986 RECORDED BY: WESTERN GEOPHYSICAL CO. OF CANADA LTD. (PARTY #786) PROCESSED BY: WESTERN GEOPHYSICAL CO. OF CANADA LTD. FIELD: 1200 5	
RECORDING DATA	
SOURCE	
ENERGY SOURCE	VIBROSEIS
NUMBER OF SOURCES	1
SOURCE PATTERN	W-LINE
SOURCE TO FIRST RECEIVER	80 METERS
NUMBER OF SHEEPS	8
PILOT SHEEP	14-50 HZ
SHEEP LENGTH	4 SECONDS
NOMINAL INTERVAL	120 METERS
INSTRUMENTS	
AMPLIFIER	GPS V-ADDT IV
FILTER	12-DUT
SAMPLING INTERVAL	2 SECONDS
RECORD LENGTH	SEC 8-98 TRACE
TYPE FORMAT	
CABLE	
TYPE OF GEOPHONE	GEOSPAC 200, 10 HZ
NUMBER OF GEOPHONES PER GROUP	9 AT 80 METERS
NUMBER OF GROUPS RECORDED	86
GROUP INTERVAL	30 METERS
PERCENT COVERAGE	1200 5
SPREAD	1500-90-VP-90-1508
PROCESSING SEQUENCE AND PARAMETERS	
1. EDIT/DEMUTIPLEX	
2. VIBROSEIS CORRELATION	
3. PHASE COMPENSATION	
4. STATICS	
5. DATUM CORRECTIONS	
6. AMPLITUDE COMPENSATION	
7. EQ. FUNCTION	
8. PRE-PROCESSOR	
9. CDF SORT	
10. PRE-FILTER	
24/24-100/80 HZ/OB/OCT	
11. DECONVOLUTION BEFORE STACK	
2 MS. MINIMUM PREDICTION DISTANCE	
120 MS. MAXIMUM PREDICTION DISTANCE	
2.5 WHITE LIGHT	
13. AUTOMATIC STATISTICS (MISER)	
SURFACE CONSISTENT, 350-2000 MS. MODEL WINDOW	
14. VELOCITY ANALYSIS (VELAN)	
15. WIND CORRECTION	
16. MUTE	
DISTANCE (M) TIME (MSEC)	
400	0
600	250
1000	400
1500	800
17. CDF CORRELATION TRIM STATICS	
18. STACK (1200 5)	
19. TIME VARIANT FILTER	
TIME ZONE LOW CUTOFF HIGH CUTOFF	
0-1.0	24/80
1.1-2.0	20/80
2.1-3.0	20/80
20. RMS GAIN	
5 OVERLAPPING WINDOWS	
0-400 MSEC	
400-800 MSEC	
800-1600 MSEC	
1600-3200 MSEC	
21. FILM AT 14 DB	
SPREAD DIAGRAM	
VP	
GROUP INTERVAL - 30 METERS	
LEGEND	
VELOCITY FUNCTION	
VELOCITY FUNCTION INTERSECTIONS	
HORIZONTAL SCALE	
48 TRACES PER INCH	
HORIZONTAL SCALE	
3.75 INCHES PER SECOND	
NOTATIONS	
POLARITY CONVENTION	
NEGATIVE POLARITY	
RECORDING VELOCITY INCREASE - NEGATIVE NUMBER	
PROCESSING VELOCITY INCREASE - POSITIVE NUMBER	
DISPLAY NEGATIVE NUMBER - PERM	
WESTERN	
PROCESSED BY: GROUP 3	
APPROVED BY: J.L.S.	
WISARD	
VELAND	
RUPD	