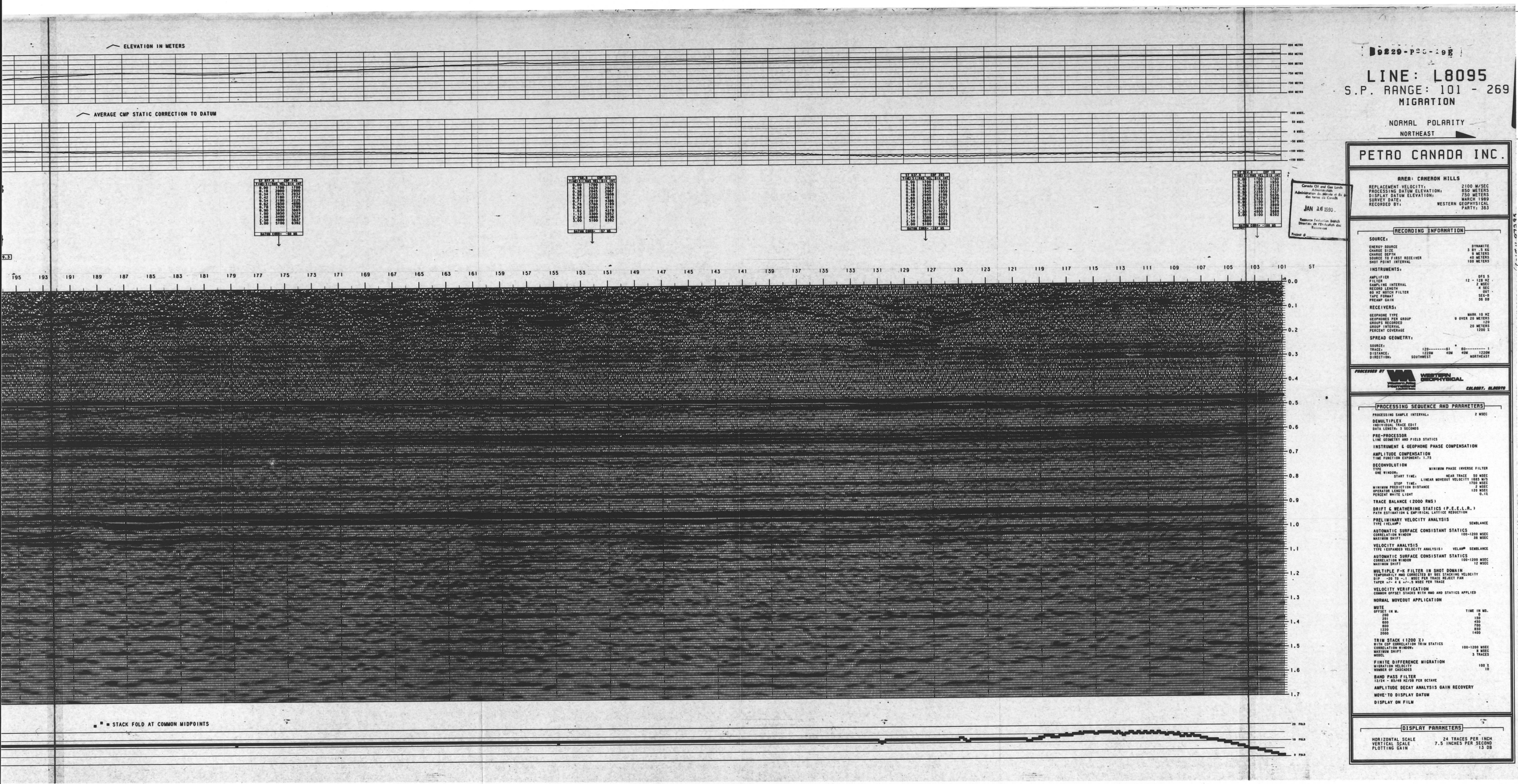




LINE: L8095
S.P. RANGE: 101 - 269
MIGRATION

NORMAL POLARITY
NORTHEAST

PETRO CANADA INC.

AREA: CAMERON HILLS
REPLACEMENT VELOCITY: 2100 M/SEC
PROCESSING DATUM ELEVATION: 250 METERS
DISPLAY DATUM ELEVATION: 250 METERS
SURVEY DATE: MARCH 1989
RECORDED BY: WESTERN GEOPHYSICAL PART 1: 563

RECORDING INFORMATION

SOURCE:
ENERGY SOURCE: DYNAMITE
CHARGE SIZE: 3 BY 5 KG
SOURCE TO FIRST RECEIVER: 40 METERS
SHOT POINT INTERVAL: 100 METERS

INSTRUMENTS:
AMPLIFIER: SPS 5
FILTER: 12 - 120 Hz
SAMPLING INTERVAL: 2 msec
RECORD LENGTH: 60 SEC
60 HZ NOTCH FILTER: ON
SHOT POINT: 100 METERS
PREAMP GAIN: 20 DB

RECEIVERS:
GEOPHONE TYPE: MARK 10 HZ
GEOPHONES PER GROUP: 9 OVER 20 METERS
GROUP RECORD: 20 METERS
GROUP INTERVAL: 1200 FT
PERCENT COVERAGE: 100%

SPREAD GEOMETRY:
SOURCE: 120-120-120
TRACE: 120-120-120
DIRECTION: SOUTHWEST

PROCESSOR BY: WESTERN GEOPHYSICAL

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLE INTERVAL: 2 msec

DEMULTIPLY
INSTRUMENT & FIELD STATICS
PRE-PROCESSOR
LINE GEOMETRY AND FIELD STATICS
INSTRUMENT & GEOPHONE PHASE COMPENSATION
AMPLITUDE COMPENSATION
TIME FUNCTION EXPONENT: 1.75

DECONVOLUTION
TYPE: MINIMUM PHASE INVERSE FILTER
ONE WINDOW: START TIME: 0.0 SEC
STOP TIME: 1.0 SEC
MINIMUM PREDICTION DISTANCE: 100 METERS
OPERATION LENGTH: 100 METERS
PERCENT WHITE LIGHT: 0.1%

DRIFT & WEATHERING STATICS (P.E.L.R.)
PATH ESTIMATION & EMPIRICAL LATTICE REDUCTION

PRELIMINARY VELOCITY ANALYSIS
TYPE: VELAMP
AUTOMATIC SURFACE CONSISTANT STATICS
CORRELATION WINDOW: 100-1200 msec
MAXIMUM SHIFT: 80 msec

VELOCITY ANALYSIS
TYPE: EXPANDED VELOCITY ANALYSIS
VELAMP: SEMBLANCE
AUTOMATIC SURFACE CONSISTANT STATICS
CORRELATION WINDOW: 100-1200 msec
MAXIMUM SHIFT: 12 msec

MULTIPLE F-K FILTER IN SHOT DOMAIN
TEMPORALLY AND CORRELATED BY SHOT SECTING VELOCITY
DIP: -20 TO -1.0 SEC PER TRACE
TAPER: 4 & 1/2 SEC PER TRACE

VELOCITY VERIFICATION
COMMON OFFSET STACKS WITH HMO AND STATICS APPLIED

NORMAL MOVEOUT APPLICATION

NOTE
OFFSET IN M: 200, 400, 600, 800, 1000, 1200
TIME IN MS: 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200

TRIM STACK (1200 X)
WITH TOP CORRELATION TRIM STATICS
CORRELATION WINDOW: 100-1200 msec
MAXIMUM SHIFT: 5 msec

FINITE DIFFERENCE MIGRATION
MIGRATION VELOCITY: 1000 m/sec
NUMBER OF CARTRIDGES: 10

BAND PASS FILTER
120-120 HZ
AMPLITUDE DECAY ANALYSIS GAIN RECOVERY
WAVE TO DISPLAY DATUM
DISPLAY ON FILM

DISPLAY PARAMETERS

HORIZONTAL SCALE: 24 TRACES PER INCH
VERTICAL SCALE: 7.5 INCHES PER SECOND
PLOTING GAIN: 13 DB

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

