

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

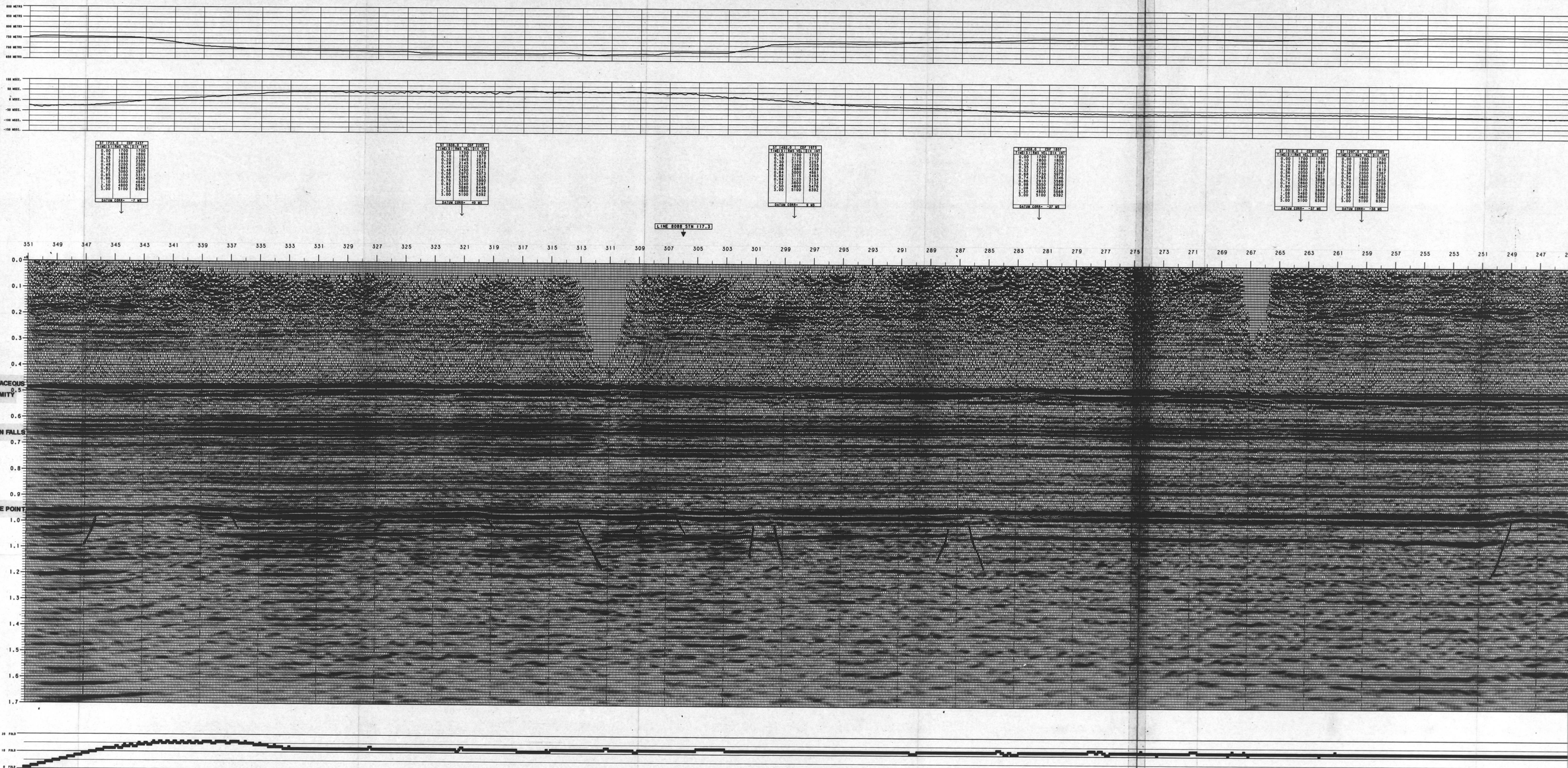


Chart 101 and 102
Administration
JAN 2 1991
Terra Information Service
Division of Exploration and
Production

9229-P28-195

LINE: L8093
S.P. RANGE: 101 - 351
MIGRATION

NORMAL POLARITY
NORTHEAST

PETRO CANADA INC.

AREA: CAMERON HILLS

REPLACEMENT VELOCITY: 2100 M/SEC
PROCESSING DATUM ELEVATION: 850 METERS
DISPLAY DATUM ELEVATION: 750 METERS
SERIAL DATE: MARCH 1989
RECORDED BY: WESTERN GEOPHYSICAL
PARTY: 363

RECORDING INFORMATION

SOURCE:
ENERGY SOURCE: DYNAMITE
CHARGE SIZE: 9 BT 5 LB
SOURCE TO FIRST RECEIVER: 40 METERS
SHOT POINT INTERVAL: 100 METERS
INSTRUMENTS:
AMPLIFIER: 12 - 120 HZ
FILTER: 12 - 120 HZ
RECORD LENGTH: 4 SEC
NO. OF TRACES: 100
TAPE FORMAT: SEC-9
PREAMP GAIN: 20 DB
RECEIVERS:
GEOPHONE TYPE: MARK 10 HZ
GEOPHONES PER GROUP: 9 OVER 20 METERS
GROUPS RECORDED: 120
GROUP INTERVAL: 20 METERS
PERCENT COVERAGE: 1200 %
SPREAD GEOMETRY:
SOURCE: 120 - 120 - 120
TRACE: 120 - 120 - 120
DISTANCE: 120 - 120 - 120
DIRECTION: SOUTHWEST - NORTHWEST

PROCESSED BY: WESTERN GEOPHYSICAL
CALGARY, ALBERTA

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLE INTERVAL: 2 MSEC
DEMULTIPLY: 1
DATA LENGTH: 10 SECONDS
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: NEAR TRACE 50 MSEC
STOP TIME: LINEAR MOVEOUT VELOCITY: 1800 M/SEC
MINIMUM PREDICTION DISTANCE: 1700 MSEC
OPERATOR LENGTH: 120 MSEC
PERCENT WHITE LIGHT: 0.15
TRACE BALANCE (2000 RMS)
DRIFT & WEATHERING STATICS (P.E.E.L.R.)
PATH ESTIMATION & EMPirical LATENCY REDUCTION
PRELIMINARY VELOCITY ANALYSIS
TYPE: VELAMP
CORRELATION WINDOW: 100-1200 MSEC
MINIMUM DRIFT: 20 MSEC
VELOCITY ANALYSIS
TYPE: EXPANDED VELOCITY ANALYSIS: VELAMP
CORRELATION WINDOW: 100-1200 MSEC
MINIMUM DRIFT: 12 MSEC
MULTIPLE F-K FILTER IN SHOT DOMAIN
TEMPORARILY HMO CORRECTED BY 800 STACKING VELOCITY
GFP -20 TO -1 MSEC PER TRACE SELECT FOR
TAPER +/- 4 & +/- 5 MSEC PER TRACE
VELOCITY VERIFICATION
COMMON OFFSET STACKS WITH HMO AND STATICS APPLIED
NORMAL MOVEOUT APPLICATION
MUTE
OFFSET IN M.: TIME IN MSEC
201 150
800 450
1200 800
2000 1400
TRIM STACK (1200 %)
WITH EMP CORRELATION TRIM STATICS
CORRELATION WINDOW: 100-1200 MSEC
MINIMUM DRIFT: 5 MSEC
MODEL: 1
FINITE DIFFERENCE MIGRATION
MIGRATION VELOCITY: 100 %
NUMBER OF CASCADES: 10
BAND PASS FILTER
12/24 - 80/100 HZ PER OCTAVE
AMPLITUDE DECAY ANALYSIS GAIN RECOVERY
MOVE TO DISPLAY DATUM
DISPLAY ON FILM

DISPLAY PARAMETERS

HORIZONTAL SCALE: 24 TRACES PER INCH
VERTICAL SCALE: 7.5 INCHES PER SECOND
PLOTting GAIN: 15 DB

